DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, U.S. ARMY GARRISON, FORT WAINWRIGHT

FORMER COMMUNICATIONS SITE 2011 CONSTRUCTION SUPPORT

AFTER-ACTION REPORT

FORT WAINWRIGHT, ALASKA

FINAL
JULY 2012

U.S. Army Corps of Engineers, Alaska District
Environmental Remediation Services
Contract No. W911KB-06-D-0006
Task Order No. 07

Prepared by
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ACRONYMS AND ABBREVIATIONS

AAC	Alaska Administrative Code
ACM	asbestos-containing material
ADEC	Alaska Department of Environmental Conservation
bgs	below ground surface
COC	contaminants of concern
cy	cubic yards
DRO	diesel-range organics
EPA	U.S. Environmental Protection Agency
FCS	Former Communications Site
GRO	gasoline-range organics
Jacobs	Jacobs Engineering Group Inc.
MCL	maximum contaminant level
MD	munitions debris
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyls
PCE	Tetrachloroethylene
PCP	Pentachlorophenol
PID	photoionization detector
POL	petroleum, oil, and lubricants
ppm	parts per million
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RRD	range-related debris
RRO	residual-range organics
SSL	soil screening level
SVOC	semivolatile organic compound
TCE	trichloroethylene
TCP	1,2,3-trichloropropane
USACE	U.S. Army Corps of Engineers, Alaska
UXO	unexploded ordnance
VOC	volatile organic compound

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EXECUTIVE SUMMARY

This report describes the investigation activities at the Former Communications Site (FCS) that took place between 21 June and 31 October 2011 at Fort Wainwright, Alaska. Jacobs Engineering Group Inc. (Jacobs) provided construction support by conducting removal and investigative activities near the following areas of the FCS:

- Monitoring Well 14 (MW14)
- Monitoring Well 62 (MW62)
- Area B08 (near Building 08)
- Area B24 (near Building 24)
- Area B27 (near Building 27)
- Area B38 (near Building 38)
- Area B42 (near Building 42)
- Area B48 (near Building 48)
- Area B49 (near Building 49)
- Sewage lift station

The primary project objectives were to investigate and delineate contamination above the Alaska Department of Environmental Conservation (ADEC) cumulative (multi-chemical) risk threshold of 1×10^{-5} present in subsurface soil and groundwater at hotspot locations discovered during the Remedial Investigation (CH2M HILL 2010). Locations included MW62, B24, and B48. The investigative activities were expanded to include areas where previously unknown contaminants were discovered during final construction activities.

Excavations of the primary hotspot locations included approximately 25 cubic yards (cy) of benzo(a)pyrene and dibenzo(a,h)anthracene-contaminated soil near MW62, approximately 14 cy of 1,2,3-trichloropropane (TCP)-contaminated soil near B24, and approximately 9 cy of benzo(a)pyrene, dibenzo(a,h)anthracene, and n-nitrosodimethylamine-contaminated soil near B48. All confirmation soil sample results were below ADEC Method Two cleanup criteria for gasoline-range organics (GRO), diesel-range organics (DRO), residual-range organics (RRO), volatile organic compounds (VOC), semivolatile organic compounds (SVOC), polycyclic

aromatic hydrocarbons (PAH), Resource Conservation and Recovery Act (RCRA) metals, polychlorinated biphenyls (PCB), herbicides, and pesticides. All sample results were also below U.S. Environmental Protection Agency (EPA) maximum contaminant level (MCL)-based soil screening levels (SSL). The contaminated soil was segregated, containerized in Super Sacks®, and staged at the Fort Wainwright Chipbarn Stockpile Site.

Additional objectives included providing construction support services for contamination discovered during 2011 construction activities. The activities conducted as construction support for this site included excavation, investigation, and delineation at areas near Buildings 08, 27, 38, 49, and 42, and converting a stick-up monitoring well (MW14) to a flush-mount monitoring well to accommodate road construction.

Approximately 1,430 cy of POL-contaminated soil were excavated in response to DRO contamination identified during 2011 construction activities near B08. Confirmation soil samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, herbicides, and pesticides and compared to ADEC Method Two cleanup criteria. Soil samples from the POL excavation activities and soil borings indicate remaining DRO contamination onsite. All other sample results were below EPA MCL-based SSLs.

Investigation activities near B27, generating approximately 34 cy of potentially contaminated soil, were conducted in response to the discovery of a large metal pile containing oxidized charcoal from discarded gas mask canisters. Confirmation soil samples were analyzed for VOC, SVOC, RCRA metals, and explosives. One confirmation sample result indicated pentachlorophenol (PCP) contamination above ADEC Method Two cleanup criteria. Based on current construction activities, the soil will remain undisturbed under the new sidewalk and paved roadway. All other sample results were below ADEC cleanup levels and EPA MCL-based SSLs. Investigation activities produced approximately 2,000 pounds of metal debris, three 90-gallon overpacks of charcoal filters, and 34 cy of potentially contaminated soil.

Approximately 65 cy of POL and solvent-contaminated soil were excavated in response to DRO, trichloroethylene (TCE), and tetrachloroethylene (PCE) contamination identified by the

onsite contractor during 2011 construction activities near B38. All final confirmation sample results were below ADEC Method Two cleanup criteria and EPA MCL-based SSLs for GRO, DRO, RRO, VOC, SVOC, PCBs, RCRA metals, herbicides, and pesticides.

Approximately 330 cy of POL and VOC-contaminated soil were excavated in response to DRO and carbon tetrachloride contamination identified by the onsite contractor during 2011 construction activities near B42. All final confirmation soil sample results were below ADEC Method Two cleanup criteria and EPA MCL-based SSLs for GRO, DRO, RRO, VOC, SVOC, PCB, RCRA metals, mercury, herbicides, and pesticides.

Approximately 30 cy of glycol-contaminated soil were excavated in response to excess amounts of glycol in the bottom of a manhole identified by the onsite contractor during 2011 construction activities near B49. Characterization sample results indicated high levels of propylene glycol. Excavation activities were conducted in order to prevent workers from coming into contact with excess amounts of the chemical. Confirmation sample results indicate low levels of propylene glycol remain in the area. While glycol concentrations are not specified in EPA and ADEC regulations, ADEC has previously required an action level of 1,910 mg/kg. All confirmation soil sample results were below ADEC Method Two cleanup criteria and EPA MCL-based SSLs for GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, herbicides, pesticides, and indicated propylene glycol concentrations less than the assumed cleanup level.

Waste characterization samples were collected from a sewage lift station that was to be dewatered by a different contractor. Water samples were analyzed for propylene and ethylene glycol, GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, herbicides, and pesticides. All samples were below ADEC Method Two cleanup criteria and EPA MCL-based SSLs and results indicated that no ethylene glycol was present in the water. Waste sample results did, however, indicate a high concentration of propylene glycol.

Road construction activities made it necessary to convert a stick-up monitoring well to a flush-mount monitoring well. After installation, MW14 was tested to assure proper functioning. No other construction support activities were necessary for MW14.

Munitions debris (MD) and various scrap metal were encountered early in the construction efforts in previously placed utility backfill and new construction areas during the 2011 season at the FCS. Due to the presence of remaining metal debris and the potential for additional munitions-related items, unexploded ordnance (UXO) technicians provided onsite support. During construction activities, a minimum of one UXO technician was onsite to help identify and remove buried metal debris uncovered during soil disturbing activities. Twelve pieces of inert non-hazardous MD and ten pieces of inert non-hazardous range-related debris were uncovered along with other scrap metal totaling approximately 4,240 pounds. All munitions-related items were inspected and declared non-hazardous prior to being sent to the certified recycling facility along with the scrap metal.

1.0 INTRODUCTION

This After-Action Report describes the construction support activities at the Former Communications Site (FCS) (commonly referred to as "Taku Gardens") that took place between 21 June and 31 October 2011 at Fort Wainwright, Alaska. Jacobs Engineering Group Inc. (Jacobs) performed this work for the U.S. Army Corps of Engineers, Alaska District (USACE) under the Environmental Remediation Services Contract No. W911KB-06-D-0006, Task Order No. 07.

All activities were conducted in accordance with the plans and procedures outlined in the *Final Former Communications Site Hotspot Removal Action Work Plan Addendum* (USACE 2011a), the *Former Communication Site Environmental Response Work Plan Addendum* (USACE 2011b), and the *Fort Wainwright Post Wide Work Plan* (USACE 2011c). Appendices to the *Post Wide Work Plan* include the Site Safety and Health Plan, Field Sampling Plan, Quality Assurance Project Plan, Environmental Protection Plan, Storm Water Pollution Prevention Plan, Stockpile Construction Plan, and Waste Management Plan.

Unexploded ordnance (UXO) personnel were onsite to provide support in the event that munitions and explosives of concern or munitions-related items were encountered. No munitions and explosives of concern were encountered during construction activities; however, some inert non-hazardous munitions-related items were discovered including ten pieces of range-related debris (RRD) and twelve pieces of munitions debris (MD). The activities conducted by UXO personnel are discussed in Section 3.2.

1.1 REPORT ORGANIZATION

This After-Action Report is organized as follows:

- Section 1.0 introduces the project, presents an overview of the site history and background, and discusses the scope of completed work.
- Section 2.0 presents the regulatory criteria applicable to this project.
- Section 3.0 presents the field activities that were completed.
- Section 4.0 presents a summary of the analytical data.

- Section 5.0 presents waste management activities.
- Section 6.0 summarizes conclusions based on the activities described in this report.
- Appendix A presents a log of project photographs.
- Appendix B presents the data quality assessment and analytical data and laboratory documentation associated with sampling.
- Appendix C presents the waste management records.
- Appendix D presents logbooks, soil boring forms, and groundwater forms.
- Appendix E presents all permits obtained for the project.

1.2 SITE BACKGROUND

Fort Wainwright is an active U.S. Army installation occupying a 1,577,095-acre military reservation located east of Fairbanks, Alaska. The FCS is located within the cantonment area between Alder and Neely Roads, east of White Street and west of the Fort Wainwright Power Plant within Fort Wainwright, Alaska (Figure 1-1).

The FCS currently consists of the nearly completed Taku Gardens family housing development, which covers approximately 54 acres. Environmental contamination and buried metal debris, including munitions-related items, discovered during construction activities have affected soil and groundwater at the site. A total of 110 housing units (55 buildings) have been constructed, but will not be released for occupancy until the U.S. Army Garrison, U.S. Environmental Protection Agency (EPA), and Alaska Department of Environmental Conservation (ADEC) provide their approval.

The FCS is the former location of a communication and radar systems facility. Other uses of the site have included barracks and company headquarters, salvage/reclamation yard activities, debris disposal, garden plots, possible ammunition storage, and firefighter training.

An extensive Remedial Investigation (RI) took place between 2007 and 2009 at the site. The main objectives of the RI, performed by CH2M HILL, were to characterize the nature and extent of contamination, evaluate potential hazards from buried debris and munitions-related items, and assess potential risks to human and ecological receptors. Activities included soil

and groundwater characterization/confirmation sampling, drum and debris investigations, PCB investigations/removals, soil and sub-slab soil gas investigations, drainage swale sediment sampling, a hydrogeological investigation, and geophysical surveys. A conceptual site model for contamination was utilized to guide the RI. As part of the RI, a site-wide risk assessment was conducted to determine the nature, magnitude, and probability of actual or potential harm to public health, safety, welfare, or the environment by the threatened or actual release of hazardous substances. Follow-up actions included continued routine groundwater monitoring to characterize trends and natural attenuation of contaminants of concern (COC) at the FCS (CH2M HILL 2010).

The activities performed near MW62, B24, and B48 during the 2011 field season were in response to contamination found during the RI. The COCs were found to be benzo(a)pyrene and dibenzo(a,h)anthracene from soil characterization sample 07FWAMW62-3.0 at 3 feet below ground surface (bgs), 1,2,3-trichloropropane (TCP) from sample location 08FW-A-EXBLD24-19.4 at 4 feet bgs, and n-nitrosodimethylamine, dibenzo(a,h)anthracene, and benzo(a)pyrene from sample location 07FW-A-EXBLDG4806R1B at 8 feet bgs. Upon completion of a risk assessment for the RI, these COCs were identified with concentrations above the ADEC cumulative (multi-chemical) risk threshold of 1×10^{-5}. These locations were originally left in place; however, due to changes in the 2011 construction plan, site workers were at risk of being exposed, and the locations were removed. Other 2011 field activities that took place near B08, B27, B38, B42, B49, the sewage lift station, and MW14 were conducted in order to support construction-related events.

1.3 PROJECT OBJECTIVES

The primary project objectives for the activities described in this report were to further investigate contamination identified during the RI and perform environmental construction support activities. Ten separate areas within the FCS (Figure 1-2) were investigated as follows:

- Planned Removal Activities:
  - Monitoring Well (MW62) – Benzo(a)pyrene and dibenzo(a,h) anthracene

    Objective: Remove known contaminated soil and investigate the soils surrounding sample location(s) to determine the vertical and horizontal extent of contamination.
  - Building 24 (B24) – TCP

    Objective: Remove known contaminated soil and investigate the soils surrounding sample location(s) to determine the vertical and horizontal extent of contamination.
  - Building 48 (B48) – n-nitrosodimethylamine, dibenzo(a,h)anthracene, and benzo(a)pyrene

    Objective: Remove known contaminated soil and investigate the soils surrounding sample location(s) to determine the vertical and horizontal extent of contamination.
- Construction Support Activities in 2011:
  - Building 27 (B27) – Gas mask filters, MD, and metal debris

    Objective: Excavate debris and determine if debris caused soil contamination.
  - Building 38 (B38) – POL and solvent contamination

    Objective: Delineate and excavate contaminated soil.
  - Building 42 (B42) – POL and carbon tetrachloride contamination

    Objective: Delineate and excavate contaminated soil.
  - Building 49 (B49) – Propylene glycol contamination

    Objective: Excavate contaminated soil within the immediate area of manhole installation activities and ensure no other COCs were in the area.
  - Building 08 (B08) – POL contamination

    Objective: Delineate and excavate contaminated soil.
  - Sewage Lift Station – Wastewater characterization

    Objective: Sample wastewater in order to determine if contaminants are present.
  - Monitoring Well 14 (MW14) – Construction support

    Objective: Convert an existing stick-up monitoring well to a flush-mount type monitoring well.
  - Site-Wide – UXO construction support

    Objective: Provide onsite UXO support during soil disturbing activities to ensure the safety of personnel.

1.4 SCOPE OF WORK

The definable features of work applicable to this project included the following:

- Utility clearance
- Site access control and site setup
- Scrap metal and munitions-related items identification and management
- Field screening using a photoionization detector (PID)
- Investigation and delineation of contaminated soil
- Sampling of environmental media (soil)
- Sampling of environmental media (groundwater)
- Location surveying
- Investigation-derived waste management
- Site restoration

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NORTH

AIRPORT WAY
COWLES STREET
SCHAIBLE STREET
GILLAM WAY
S. TURNER STREET
S. CUSHMAN STREET
17th AVENUE
19th AVENUE
22nd AVENUE
COWLES WAY
E. COWLES ST
STEESE HIGHWAY
GAFFNEY ROAD
CHENA RIVER
BASE HOSPITAL SITE
NEELY ROAD
10th ST
9th ST
ALDER ROAD
FORT WAINWRIGHT
RUNWAY
RUNWAY
TAXIWAY A
KETCHAM ROAD
KINNEY ROAD
RIVER ROAD
MONTGOMERY ROAD
CHENA BEND GOLF COURSE
KETCHAM ROAD
RHINELAND AVE
LUZANA AVE
EISENHOWER ROAD
CHIPPEWA AVE
RICHARDSON HWY
FORMER COMMUNICATIONS SITE
PROJECT LOCATION
KD RANGE
GRENADE RANGE
M-16-M-14 QUALIF'ING RANGE
MPMG/SFF
SHOOT HOUSE & MP RANGE
ALL RANGE AREAS ARE APPROXIMATE
AT4
203
COMBAT PISTOL RANGE
AURORA MK-19 RANGE
RANGE ACCESS ROAD

LOCATION MAP

0 1000 2000 4000
SCALE IN FEET

FORMER COMMUNICATIONS SITE LOCATION AND VICINITY MAPS

FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 13 December 2010	PROJECT MANAGER: S. Belway	FIGURE NO.: 1-1

I:\ERS-UR\TO07-Taku Gardens RA\CAD\2010 Taku\2010 Pilot Test WP\Fig A-1 Location & Vicinity Maps.dwg Oct 13,2010 -keiseyel

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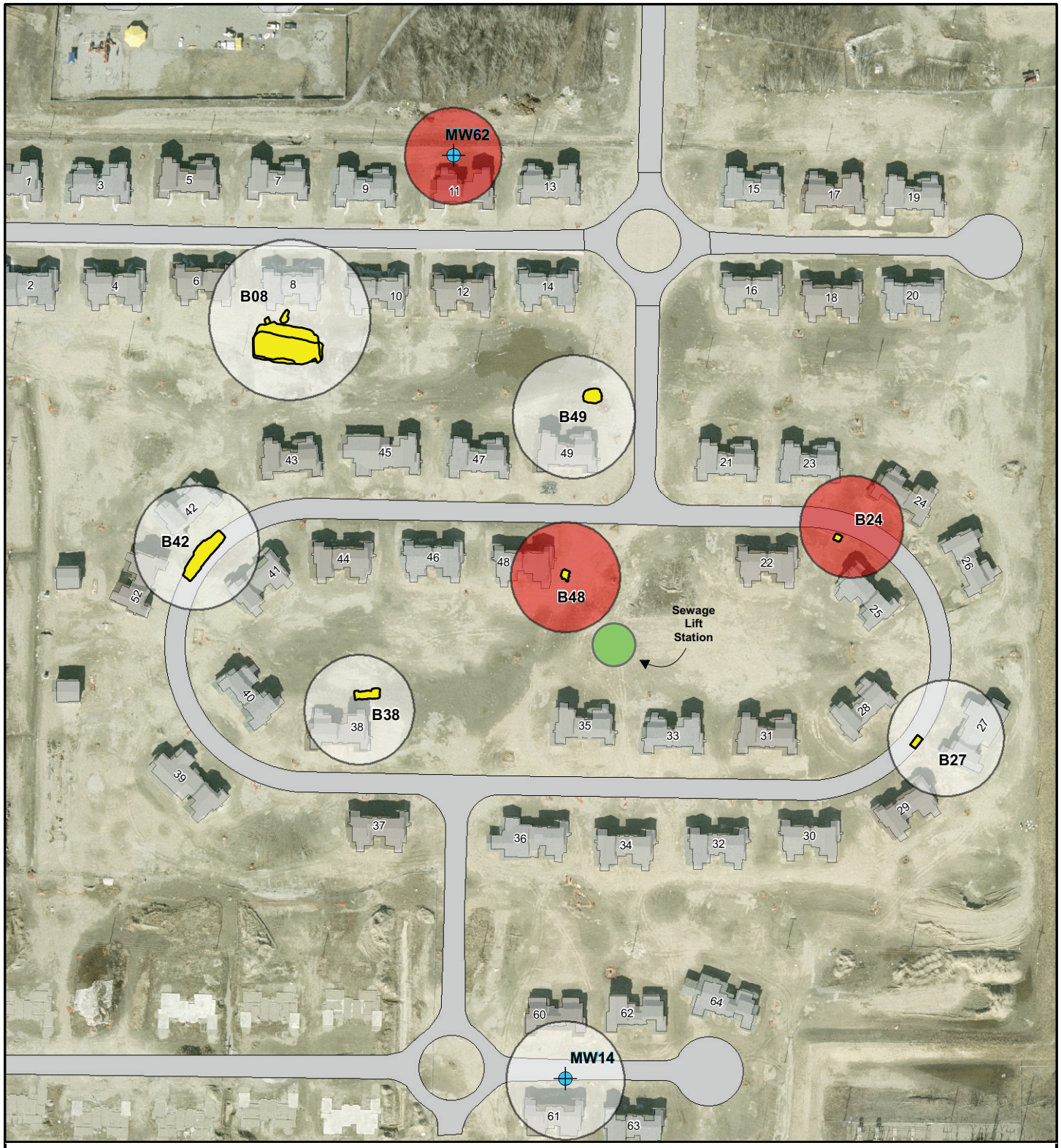

0 75 150 225 300 Feet

Coordinate System: UTM Zone 6N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter
1:2,600

N

Monitoring Well
Site Locations
Planned Removal Activities
2011 Excavations
Building
Paved Road

AREAS OF INVESTIGATION
TAKU GARDENS SUBDIVISION
FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 17 Feb 2012	PROJECT MANAGER: S. BELWAY	FIGURE NO: 1-2

Path: P:\Taku_Gardens\MXD\2011ExcavationsAndSamples_85X11P.mxd User: beatycj

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2.0 REGULATORY CRITERIA

Site data were compared to cleanup levels from the following regulations to determine the nature and extent of contamination onsite:

- ADEC 18 Alaska Administrative Code (AAC) 75.341, Method Two, under 40-inch zone, most stringent cleanup levels (ADEC 2008)
- ADEC 18 AAC 75.345, Table C, Groundwater Cleanup Levels (ADEC 2008)
- ADEC Division of Spill Prevention and Response Contaminated Sites Program, Cumulative Risk Guidance (ADEC 2008)
- EPA maximum contaminant level (MCL)-based soil screening levels (SSLs) (EPA 2010)

All actions conducted at the site during the 2011 field season were based on the established ADEC regulatory cleanup criteria and EPA MCL-based SSLs as described in the *Post Wide Work Plan* (USACE 2011c).

Soil and groundwater samples may have been analyzed for propylene and ethylene glycol, gasoline-range organics (GRO), diesel-range organics (DRO), residual-range organics (RRO), volatile organic compounds (VOC), semivolatile organic compounds (SVOC), polycyclic aromatic hydrocarbons (PAH), asbestos-containing material (ACM), Resource Conservation and Recovery Act (RCRA) metals, polychlorinated biphenyls (PCB), pesticides, herbicides, and explosives. Data tables in Appendix B present the appropriate cleanup criteria for these analytes.

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3.0 PROJECT EXECUTION APPROACH

The 2011 field activities at the FCS were conducted between 21 June and 31 October 2011. This section describes the different activities conducted at the site. Analytical results are presented in Section 4.0.

3.1 WORK PLAN DEVIATIONS

Field activities were conducted at the FCS in accordance with the *Fort Wainwright Post Wide Work Plan* (USACE 2011c), the *Final Former Communications Site Hotspot Removal Action Work Plan Addendum* (USACE 2011a), and the *Former Communication Site Environmental Response Work Plan Addendum* (USACE 2011b) which dictated action based on 18 AAC Method Two, under 40-inch zone, most stringent cleanup levels and EPA MCL-based SSLs. All sampling activities were conducted in accordance with the *Fort Wainwright Post Wide Work Plan, Field Sampling Plan* (Appendix B, USACE 2011c) utilizing disposable sampling equipment and following the *Draft ADEC Field Sampling Guidance (*ADEC 2010*).*

3.2 UXO SUPPORT

UXO technicians provided onsite support due to the presence of remaining metal debris and the potential for remaining munitions-related items. During construction, a minimum of one UXO technician was onsite to help identify and remove buried metal debris uncovered during soil disturbing activities. Additionally, UXO technicians were onsite during Jacobs excavations, and performed a Schonstedt® magnetometer-assisted surface investigation prior to starting any groundbreaking work. Twelve pieces of inert non-hazardous MD and ten pieces of RRD were identified. A complete list of MD identified is provided in Table 3-1. In addition to the munitions-related debris, approximately 4,240 pounds of scrap metal was unearthed during construction activities. All munitions-related items were inspected and declared non-hazardous prior to being sent to the recycling facility with the scrap metal.

Table 3-1
Munitions Debris Encountered During Construction

Type of MD Encountered	Quantity
M29 Practice Rockets	3
40mm Cartridge Case	1
81mm M68 Training Mortars	3
Tellermine 43 trainers	5

3.3 PLANNED REMOVAL ACTIVITIES

This section describes the fieldwork performed by Jacobs that took place at the FCS as part of the Hotspot Work Plan.

3.3.1 Monitoring Well 62

MW62, located on the northern edge of the FCS and adjacent to Building 11, was identified through a soil characterization sample (07FWAMW62-3.0) during the RI as a hotspot with benzo(a)pyrene and dibenzo(a,h)anthracene contamination above the ADEC cumulative (multi-chemical) risk threshold of 1×10^{-5} at 3 feet bgs. The main objective at MW62 was to excavate and properly dispose of contaminated soils.

On 21 June 2011, groundwater samples 11FWA-TAKU-MW62 and 11FWA-TAKU-MW62D were collected. The results for these samples are reported under a separate cover titled *2011 Former Communications Site Groundwater Monitoring Data Report* (USACE 2012). Excavation activities began on 28 June 2011. A 10-foot by 10-foot grid was centered on MW62 and excavated to 5 feet bgs. The excavated soils were staged at the Chipbarn Stockpile Site located on Fort Wainwright (Figure 3-1) in 33 Super Sacks®. Five confirmation samples from the walls and two confirmation samples from the floor of the excavation (11FWA-TAKU-SO05-C01 through 11FWA-TAKU-SO03-C07) were collected (Figure 3-2). All sample results were below ADEC cleanup criteria. The excavation was backfilled with clean onsite soil and compacted. No compaction tests were performed.

On 20 August 2011, two random waste samples (11TAKU-MW62-SO-W01 and 11TAKU-MW62-SO-W02) were collected from Super Sacks® at the Chipbarn Stockpile Site. All samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, PCB, herbicides, and pesticides.

MW62 sample locations and excavation boundaries are presented in Figure 3-2. Analytical results are presented in Section 4.1.1. Waste data results are provided in Appendix B.

3.3.2 Area B24

TCP contamination above the ADEC cumulative (multi-chemical) risk threshold of 1×10^{-5} at 4 feet bgs was identified through a soil characterization sample (08FW-A-EXBLD24-19-4) during the RI near the B24 area, located in the eastern portion of the FCS. The hotspot described as B24 is located between Building 22 and Building 24. The main objective at B24 was to excavate and properly dispose of the TCP-contaminated soil.

On 6 August 2011, excavation activities began at B24. A 10-foot by 10-foot grid was centered on the RI soil characterization sample and dug to 4 feet bgs. The top foot (0 to 1 feet bgs) was stockpiled as overburden and the bottom 3 feet (1 to 4 feet bgs) were excavated, placed in 14 Super Sacks®, and staged at the Chipbarn Stockpile Site. Due to the proximity of utilities, UXO technicians conducted a Schonstedt® magnetometer-assisted sweep after every 6-inch lift. Three confirmation samples from the floor and four confirmation samples from the walls were collected from the excavation (11TAKU-B24-SO3-C01 through 11TAKU-B24-SO3-C07) (Figure 3-3). All sample results were below ADEC most stringent cleanup criteria. The excavation was backfilled with clean onsite soil along with clean offsite classified material and compacted in 6-inch lifts according to the site requirements. Compaction testing was performed by Mappa Test Labs, a subcontractor to R & D Environmental.

On 20 August 2011, two random waste samples (11TAKU-B24-SO-W01 and 11TAKU-B24-SO-W02) were collected from Super Sacks® at the Chipbarn Stockpile Site. All samples were

analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, PCB, herbicides, and pesticides.

Sample locations and excavation boundaries of B24 are presented in Figure 3-3. Analytical results are provided in Section 4.1.2. Waste data results are provided in Appendix B.

3.3.3 Area B48

Area B48, located directly east of Building 48 in the central portion of the site, was identified through a soil characterization sample (07FW-A-EXBldg4806R1B) during the RI as a hotspot with n-nitrosodimethylamine, dibenzo(a,h)anthracene, and benzo(a)pyrene contamination above the ADEC cumulative (multi-chemical) risk threshold of 1×10^{-5} at 8 feet bgs. The main objective at B48 was to excavate and properly dispose of contaminated soil.

On 6 August 2011, excavation activities began to the east of B48. A 10-foot by 10-foot grid was centered on the RI soil characterization sample and excavated to 10 feet bgs. The top 7 feet (0 to 7 feet bgs) was excavated as overburden and stockpiled. The bottom 3 feet (7 to 10 feet bgs) were excavated, placed in nine Super Sacks®, and staged at the Chipbarn Stockpile Site. Four confirmation samples were collected from the walls and three samples were collected from the floor of the excavation (11TAKU-B48-SO10-C01 through 11TAKU-B48-SO8-C07). All sample results were below ADEC most stringent cleanup criteria. The excavation was backfilled with clean onsite soil along with clean offsite classified material and compacted in 6-inch lifts. Compaction testing was performed by Mappa Test Labs, a subcontractor to R & D Environmental.

On 20 August 2011, one random waste sample (11TAKU-B48-SO-W01) was collected from a Super Sack® (SS05) at the Chipbarn Stockpile Site. All samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, PCB, herbicides, and pesticides.

B48 sample locations and excavation boundaries are presented in Figure 3-4. Analytical results are presented in Section 4.1.3. Waste data results are provided in Appendix B.

3.4 CONSTRUCTION SUPPORT ACTIVITIES

This section describes the fieldwork performed by Jacobs that took place at the FCS as part of construction support during 2011 construction activities.

3.4.1 Monitoring Well 14

On 30 September 2011, road construction activities made it necessary to convert MW14, located in the southeast corner of the FCS, from a stick-up type well to a flush-mount type monitoring well. After the conversion, MW14 was tested for proper function. No other construction support activities were necessary at MW14. Figure 1-2 presents the location of MW14.

3.4.2 Area B08

Area B08, located in the northwestern portion of the FCS, was identified when the onsite construction contractor, American Mechanical, Inc. (AMI) began excavating drainage swales and encountered a strong petroleum odor approximately 50 feet south of Building 08 (Figure 3-5). On 8 September 2011, Jacobs collected five PID field screen samples from test pits excavated by the onsite contractor. The field screen sample results ranged from 10 to 60 parts per million (ppm). Two soil characterization samples (11TAKU-B08-SO1-W01 and 11TAKU-B08-SO2-W02) were collected from the highest PID readings. All samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, herbicides, and pesticides. Results indicated high levels of DRO contamination.

On 15 and 16 September 2011, field screen samples were collected from stockpiles generated by test pitting activities conducted by AMI in order to determine if the piles contained DRO contamination. Soil determined to be clean was stockpiled onsite for the contractor's use and soil determined to be contaminated was removed and staged at the Chipbarn Stockpile Site.

Excavation activities were conducted in order to remove contaminated soil from the drainage swale and determine the lateral and vertical extent of contamination north of the swale. Initial

excavation efforts were directed by field screening results. A result greater than 20 ppm was considered contaminated and the excavation continued. The initial excavation measured approximately 60 feet by 48 feet and extended to the groundwater interface zone at 14 feet bgs. This encompassed the footprint of the swale plus 3 feet on both the north and south sides. Clean boundaries were established to the west and south. A layer of heavily contaminated soil located at approximately 6 feet bgs remained in the northern wall of the excavation. Two confirmation samples (11TAKU-B08-SO6-C01 and 11TAKU-B08-SO6-C02) were collected from the northern wall where the DRO odor was heaviest to determine the level of DRO contamination remaining. Sample results indicated DRO contamination of 31,900 and 13,500 milligrams per kilogram (mg/kg) respectively, above the ADEC Method Two direct contact and migration to groundwater cleanup criteria. A test pit was dug between B08 and the main excavation in order to determine the northern extent of contamination, and a single sample (11TAKU-B08-SO6-C03) was collected. DRO contamination was evident at approximately 7 feet bgs, 10 feet south of B08.

The lateral extent of contamination became the main objective because high PID readings were encountered at the groundwater interface. Under the direction of the USACE, it was determined that excavations should encompass the footprint of the swale south of B08. In addition, if contamination was present within the footprint boundary above 100 ppm based on field screening results, excavations should continue 3 to 5 feet in all directions. Under this guideline, approximately 1,430 cy of soil was excavated during field activities in September and October 2011. The final excavation boundaries measured 81 feet by 51 feet and extended to the groundwater interface at approximately 14 feet bgs. Clean boundaries were found on the eastern, western, and southern edges of the excavation. DRO contamination with field screening results greater than 100 ppm was present in the northern wall; however, excavation activities could not continue in that direction due to the proximity of B08.

During excavation activities three 10-gallon drums labeled “disinfectant” were discovered at approximately 6 feet bgs with rotting cardboard, a wooden stick, and old beverage containers from the 1950s. All of the drums were inspected and screened using a PID. They were determined to be empty and free of contamination and were disposed of with scrap metal from

the site. Additionally, what looked to be a wooden vault with protruding piping was discovered on the eastern edge of the excavation. This vault was removed as excavation activities continued. Wood and piping was segregated and containerized in supersacks.

Twenty-one confirmation samples were collected (11TAKU-B08-SO6-C04 through 11TAKU-B08-SO2-C24) from the floor and walls of the excavation on 6 October 2011. On 8 October 2011, the excavation to the north of the drainage swale was backfilled with clean onsite material and compacted in 6-inch lifts. No compaction tests were performed. A 20-millimeter reinforced high-density polyethylene liner was placed on the excavation floor of the drainage swale at 10 feet bgs with a slight ridge in the middle to force water to either side of the footprint of the swale. The liner was placed in order to prevent surface water from migrating through swale to the soil column and causing the contamination to spread further.

On 31 October 2011, four soil borings were advanced (SB01 through SB04) and soil samples (11TAKU-B08-SB01-C25 through 11TAKU-B08-SB04-C38) were collected via Geoprobe® direct-push technology around the B08 footprint in order to delineate further DRO contamination. Samples were collected from 6 to 8 feet bgs, 9 to 11 feet bgs, and from the groundwater interface. Soil boring depths ranged from 16 to 20 feet. Additionally, groundwater sample 11FWA-MW28-GWF was collected on 3 October 2011 from MW28, located to the west of B08. All samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, PCB (soil samples only), explosives, RCRA metals, herbicides, and pesticides. Results from MW28 are presented in the *2011 Former Communications Site Groundwater Data Report* (USACE 2012).

Figure 3-5 presents the investigation boundaries, sample locations, and exceedances for B08. Analytical results are presented in Section 4.2.1.

3.4.3 Area B27

Area B27, located on the southeastern edge of the FCS just west of Building 27, was identified during grading activities by the onsite contractor. On 1 August 2011, oxidized

charcoal in the form of a blue powder was uncovered from a charcoal gasmask filter and what appeared to be a crushed drum. Initial efforts to remove metal showed more buried debris. Construction work at B27 ceased until an investigation took place.

On 2 August 2011, UXO technicians began excavation activities that uncovered buried metal debris, large quantity of old charcoal filters, and five anti-tank training mines classified as inert and non-hazardous. Excavation activities produced 14 Super Sacks® and 20 cy of soil containing oxidized charcoal, small pieces of metal, and three overpacks of charcoal filters. During investigation activities, insulating material around old piping was uncovered. In order to ensure worker safety, a sample (11FWA-TAKUB27-AS-C01) of the potential ACM was collected and sent for laboratory analysis. Results returned were negative for ACM. Results are provided in Appendix B. Uncovered metal debris was segregated and disposed of at a recycle facility. Six confirmation samples (11TAKU-B27-SO1-C01 through 11TAKU-B27-SO3-C06) were collected on 3 August 2011, and analyzed for VOC, SVOC, RCRA metals, and explosives. Confirmation sample 11TAKU-B27-SO3-C06 exceeded the ADEC most stringent cleanup criteria for PCP.

On 5 August 2011, prior to analytical result confirmation and under the direction of the USACE, the B27 excavation was backfilled with clean offsite classified material and compacted in 6-inch lifts. Compaction testing was performed by Mappa Test Labs, a subcontractor to R & D Environmental.

On 17 August 2011, one waste sample (11TAKU-B27-SO-W01) was collected from a SuperSack® based on the highest field screen and analyzed for GRO, DRO, RRO, VOC, SVOC, RCRA metals, pesticides, and explosives.

Figure 3-6 presents the investigation boundaries, sample locations, and exceedances for B27. Analytical results are presented in Section 4.2.2. Waste data results are provided in Appendix B.

3.4.4 Area B38

Area B38, located in the southwestern portion of the FCS, was identified when the onsite contractor began excavating drainage swales and encountered a strong petroleum odor north of Building 38. On 10 September 2011, no elevated PID field screening results were found. A soil characterization sample (11TAKU-B38-S02-W01) was collected and analyzed for GRO, DRO, RRO, VOC, SVOC, herbicides, and pesticides. Laboratory results indicated DRO contamination.

On 20 September 2011, the suspected area of contamination just north of B38 was excavated in order to determine the extent of DRO contamination. Confirmation samples (11TAKU-B38-SO3-C01 through 11TAKU-B38-SO2-C04) were collected from the floor and sidewalls of the excavation. Confirmation results indicated levels of TCE and benzene exceeding ADEC most stringent cleanup criteria in samples 11TAKU-B38-SO3-C01 and 11TAKU-B38-SO1-C03, respectively, and levels of PCE exceeding EPA MCL-based SSLs in sample 11TAKU-B38-SO2-C04. On 28 September 2011, continued excavation activities removed the previous exceedances, and 11 additional confirmation samples (11TAKU-B38-SO1-C05 through 11TAKU-B38-SO4-C15) were collected. All confirmation samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PCB, RCRA metals, herbicides, and pesticides. All sample results were below ADEC most stringent cleanup criteria. A total of 65 cy of soil was excavated and relocated to storage cells at the Chipbarn Stockpile Site. The excavation was left open and formed into a drainage swale by the onsite contractor.

Figure 3-7 presents the investigation boundaries and sample locations for B38. Analytical results are presented in Section 4.2.3.

3.4.5 Area B42

Area B42, located on the western edge of the FCS, was identified during grading activities by the onsite contractor when a strong odor was encountered east of Building 42. Two characterization samples were collected (11FWA-TAKU-SO-WX02 and 11FWA-TAKU-SO-WX03) based on the highest PID readings observed of 11.3 and 18.5 ppm. All samples were

analyzed for GRO, VOC, SVOC, PAH, PCB, herbicides, and pesticides. Characterization sample results indicated low levels of carbon tetrachloride.

On 4 August 2011, field screening activities began at the hotspot on the east side of B42 within the roadway in order to determine the extent of surface contamination and the potential source of contamination. PID readings pointed to the source of contamination, centered on a sewer and water pipeline with grading activities contributing to the spread of contamination. Guidelines for excavations conducted from 4 August 2011 through 6 August 2011 were based on a PID action limit of 3 ppm. Confirmation samples (11TAKU-B42-SO1-C01 through 11TAKU-B42-SO2-C25) were collected from the floor and sidewalls of the completed excavation. The excavation was backfilled with clean offsite classified fill and compacted in 6-inch lifts. Compaction testing was performed by Mappa Test Labs, a subcontractor to R & D Environmental.

On 10 August 2011, field screens were collected from stockpiles associated with grading activities near B42. The highest PID field screen was 18.1 ppm, with the majority of all stockpile field screens showing no indication of contamination. This soil was removed and placed at the Chipbarn Stockpile Site with the investigation-derived waste soil generated during investigation activities. On 24 August 2011, 20 field screens were administered and four waste samples (11TAKU-B42-SO-W01 through 11TAKU-B42-SO-W04) were collected from the Chipbarn Stockpile Site. All confirmation and waste samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PCB, RCRA metals, herbicides, and pesticides.

Figure 3-8 presents the investigation boundaries and sample locations for B42. Analytical results are presented in Section 4.2.4. Waste data results are provided in Appendix B.

3.4.6 Area B49

Area B49, centrally located within the FCS, was identified when the onsite contractor encountered propylene glycol-contaminated soil, located under a shutoff valve just northeast of Building 49. The onsite contractor had removed old manholes and had been digging in the

area in order to replace the valve system. Jacobs arrived onsite 15 August 2011 and collected two characterization samples (11TAKU-B49-SO-W01 and 11TAKU-B49-SO-W02) based on olfactory and visual clues, and the highest PID field screen reading. PID readings were not observed greater than 30.6 ppm during the initial investigation.

On 16 August 2011, excavation activities commenced to remove soil saturated with propylene glycol from the immediate work area in order to prevent workers from being exposed to excess amounts of glycol. Excavation efforts were directed according to visual and olfactory clues producing an 8-foot by 20-foot excavation to a depth of 10 feet bgs. Six confirmation samples (11TAKU-B49-S10-C01 through 11TAKU-B49-S09-C06) were collected. Waste samples (11TAKU-B49-SO-W03 and 11TAKU-B49-SO-W04) were collected based on the highest PID field screens of 6.3 and 6.8 ppm respectively. All soil samples were analyzed for propylene and ethylene glycol, GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, pesticides, and herbicides.

A total of 30 cy of glycol-contaminated soil was excavated and staged at the Chipbarn Stockpile Site. The excavation was backfilled with a total of two feet of clean offsite classified material provided by an offsite contractor in order to bring the excavation up to the grade required to install the new manhole. No compaction testing was performed.

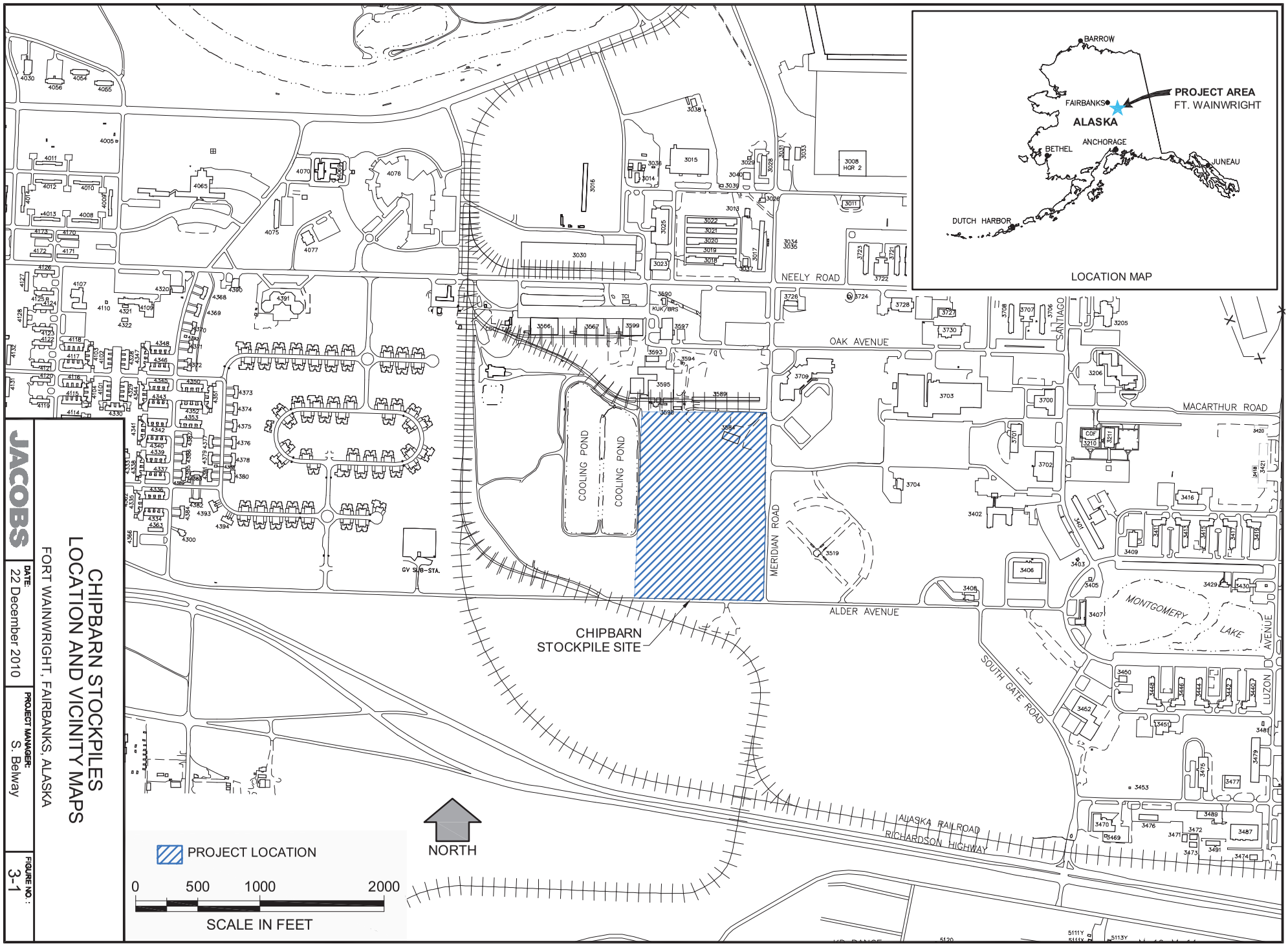
Figure 3-9 presents the investigation boundaries, exceedances, and sample locations for B49. Analytical results are presented in Section 4.2.5. Waste data results are presented in Appendix B.

3.4.7 Sewage Lift Station

On 21 July 2011, a wastewater sample (11FWA-TAKU-WX01) was collected from a sewage lift station, located in the central area of the FCS site in order to determine if contamination was present prior to dewatering. The sample was analyzed for propylene and ethylene glycol, GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, herbicides, and pesticides.

Figure 1-2 presents the location of the sewage lift station. Analytical results are presented in Section 4.2.6. Waste data results are provided in Appendix B.

G:\Autocad\ERS-UR\05F52001\Chipbarn Storage Area\2010 Misc Stockpiles\Fig 1 Misc Stockpiles Location Map.dwg Dec 22,2010 -avakarcs



JACOBS

CHIPBARN STOCKPILES
LOCATION AND VICINITY MAPS

FORT WAINWRIGHT, FAIRBANKS, ALASKA

DATE: 22 December 2010

PROJECT MANAGER: S. Belway

FIGURE NO.: 3-1

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0 5.5 11 16.5 22 Feet

Coordinate System: WGS 1984 UTM Zone 6N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter
1:150

N

No Exceedance
Monitoring Well
2011 Excavation
Paved Road
Unpaved Road
Building

MONITORING WELL 62 - TAKU GARDENS SUBDIVISION
CONTAMINANT OF CONCERN:
BENZO(A)PYRENE, DIBENZO(A,H)ANTHRACENE
FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 09 Jul 2012	PROJECT MANAGER: S. BELWAY	FIGURE NO: 3-2

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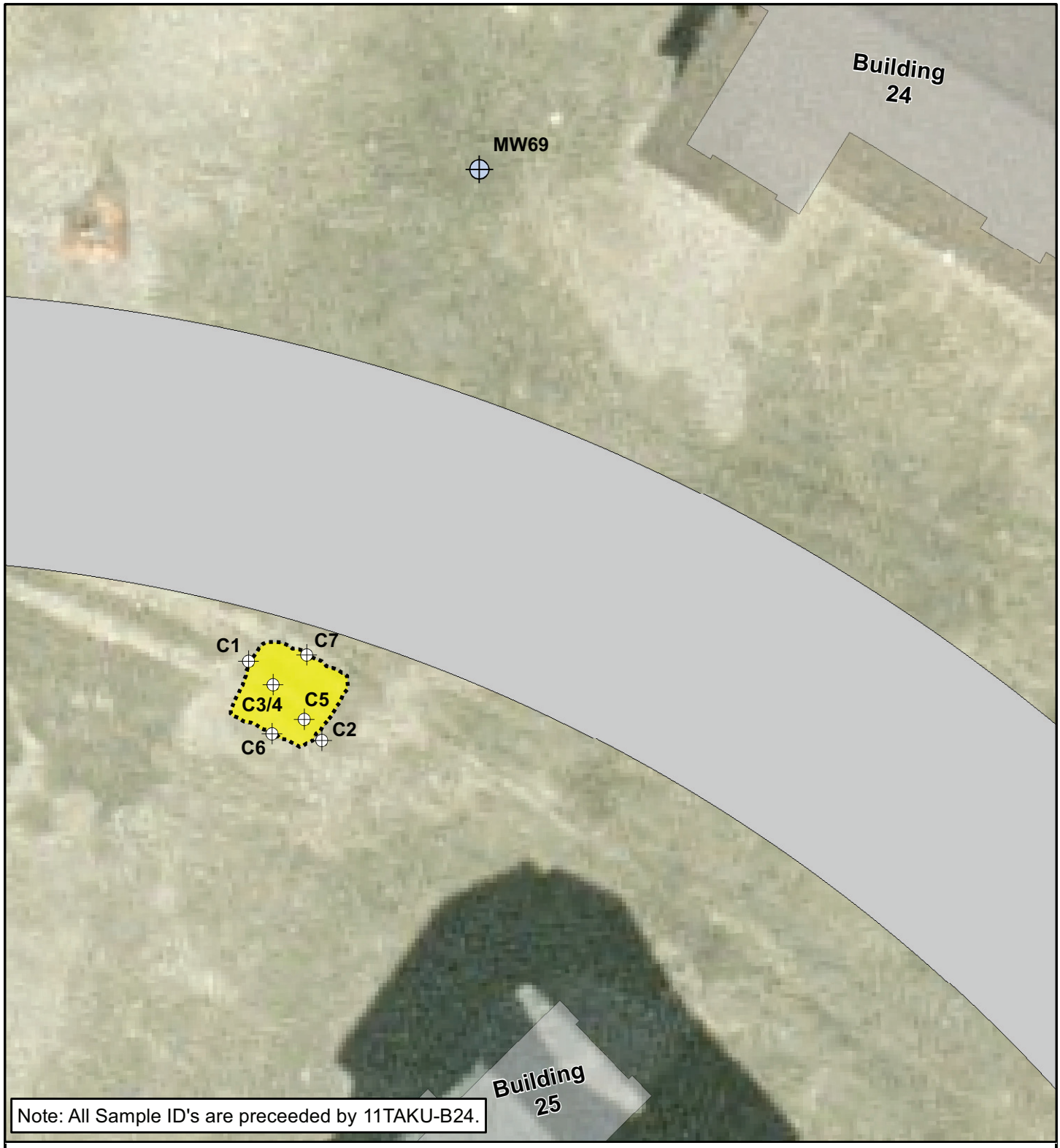

0 10 20 30
Feet

Coordinate System: WGS 1984 UTM Zone 6N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter
1:200

N

Monitoring Well
No Exceedance
2011 Excavation
Building
Paved Road
Unpaved Road

AREA B24 - TAKU GARDENS SUBDIVISION
CONTAMINANT OF CONCERN: 1,2,3 - TRICHLOROPROPANE
FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 05 Mar 2012	PROJECT MANAGER: S. BELWAY	FIGURE NO: 3-3

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Note: All Sample ID's are preceeded by 11TAKU-B48.

0 5 10 15 20 Feet

Coordinate System: WGS 1984 UTM Zone 6N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter
1:200

N

No Exceedance
2011 Excavation
Paved Road
Unpaved Road
Building

AREA B48 - TAKU GARDENS SUBDIVISION
CONTAMINANT OF CONCERN: BENZO(A)PYRENE, DIBENZO(A,H)ANTHRACENE, N-NITROSODIMETHYLAMINE
FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 14 Nov 2011	PROJECT MANAGER: S. BELWAY	FIGURE NO: 3-4

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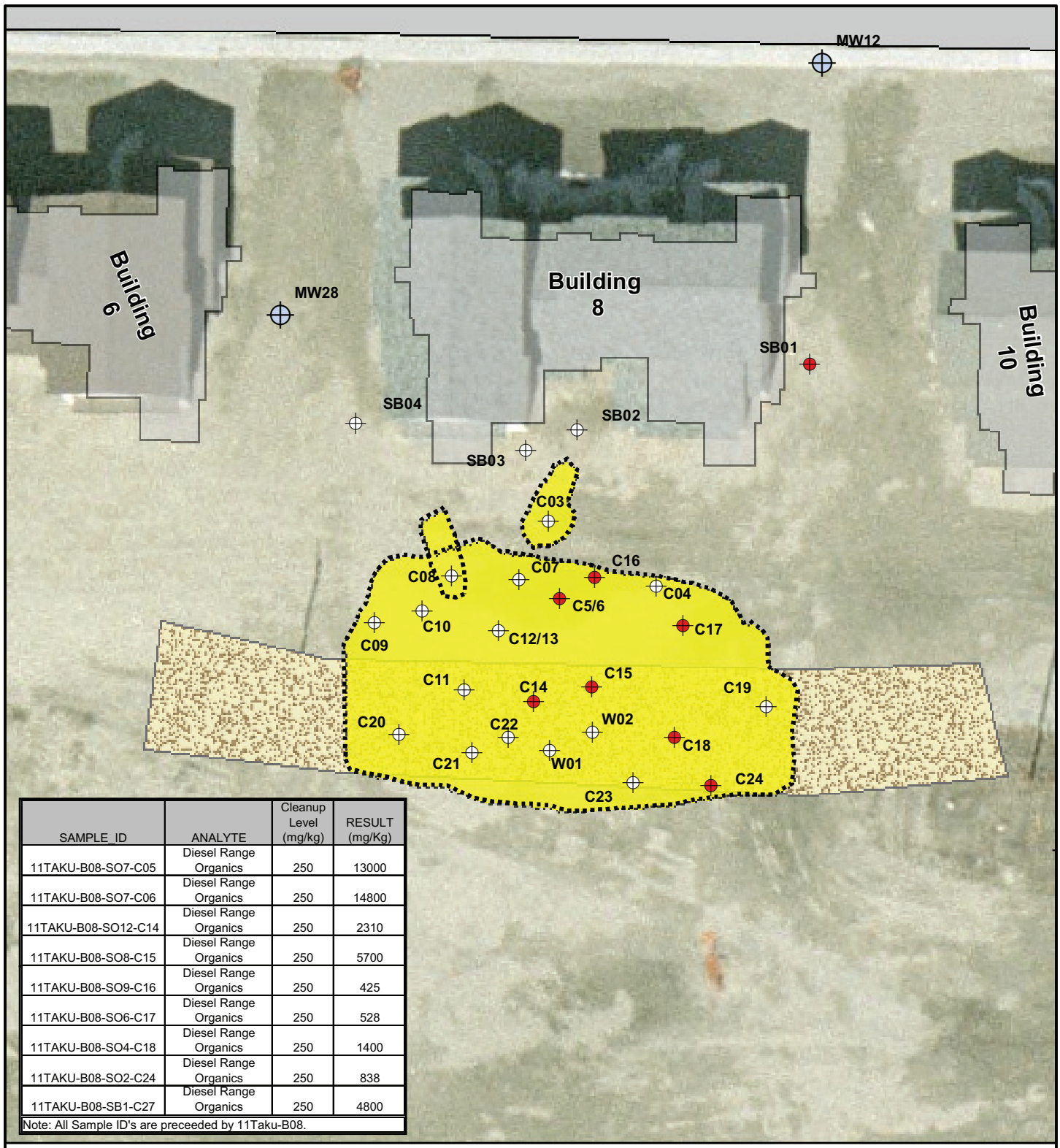

SAMPLE_ID	ANALYTE	Cleanup Level (mg/kg)	RESULT (mg/Kg)
11TAKU-B08-SO7-C05	Diesel Range Organics	250	13000
11TAKU-B08-SO7-C06	Diesel Range Organics	250	14800
11TAKU-B08-SO12-C14	Diesel Range Organics	250	2310
11TAKU-B08-SO8-C15	Diesel Range Organics	250	5700
11TAKU-B08-SO9-C16	Diesel Range Organics	250	425
11TAKU-B08-SO6-C17	Diesel Range Organics	250	528
11TAKU-B08-SO4-C18	Diesel Range Organics	250	1400
11TAKU-B08-SO2-C24	Diesel Range Organics	250	838
11TAKU-B08-SB1-C27	Diesel Range Organics	250	4800

Note: All Sample ID's are preceeded by 11Taku-B08.

0 10 20 30 40 50
Feet

Coordinate System: UTM, Z6N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter
1:400

N

Monitoring Well
No Exceedance
Exceedance
2011 Excavation
Swale Area
Paved Road
Unpaved Road
Building

BUILDING 08 - TAKU GARDENS SUBDIVISION
CONTAMINANT OF CONCERN: DIESEL RANGE ORGANICS
FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE:	PROJECT MANAGER:	FIGURE NO.:
	09 JULY 2012	S. BELWAY	3-5

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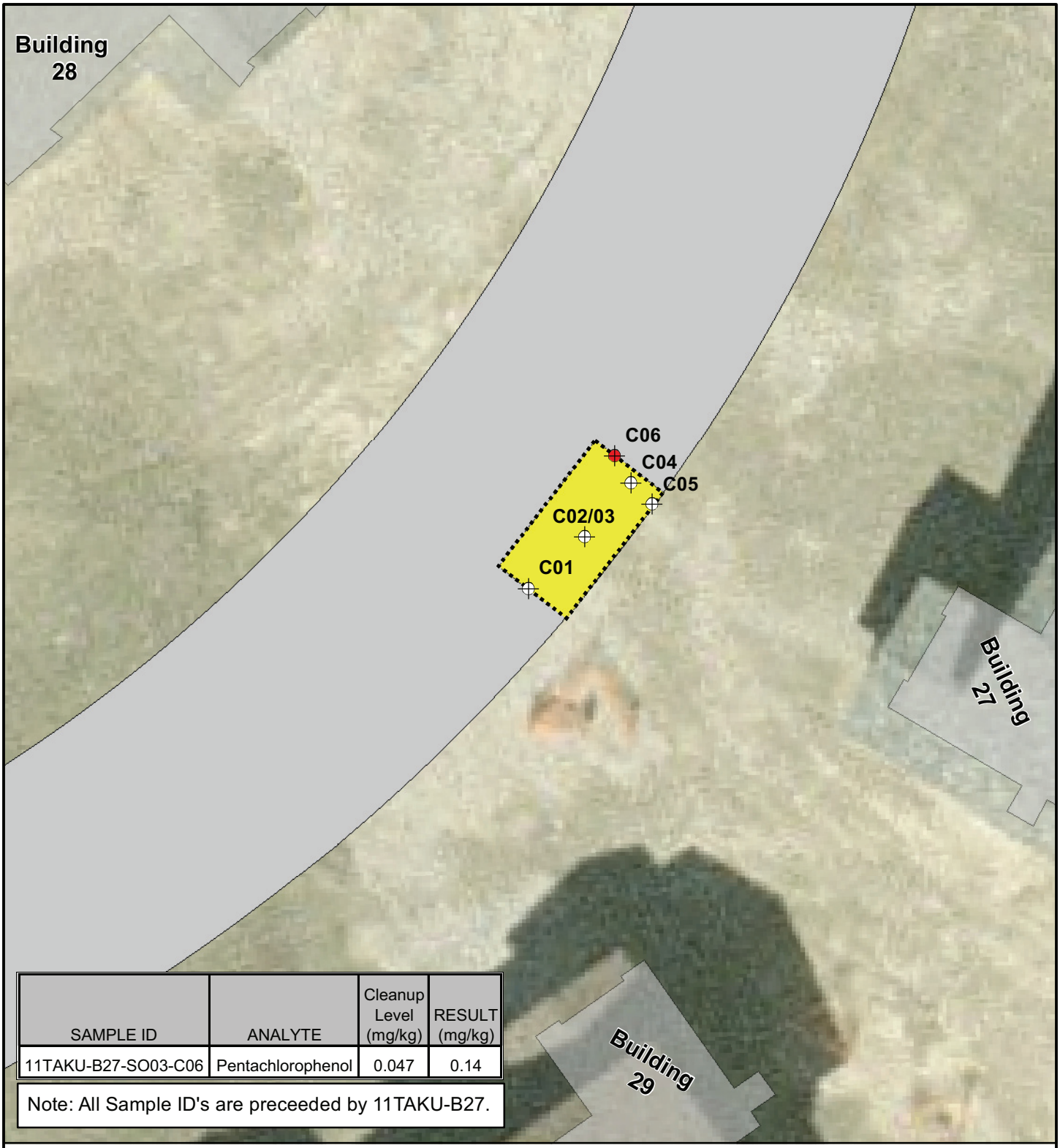

SAMPLE ID	ANALYTE	Cleanup Level (mg/kg)	RESULT (mg/kg)
11TAKU-B27-SO03-C06	Pentachlorophenol	0.047	0.14

Note: All Sample ID's are preceeded by 11TAKU-B27.

0 7.5 15 22.5 30 Feet

Coordinate System: WGS 1984 UTM Zone 6N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter
1:200

N

No Exceedance
Exceedance
2011 Excavation
Building
Paved Road
Unpaved Road

AREA B27 - TAKU GARDENS SUBDIVISION
CONTAMINANT OF CONCERN: METAL DEBRIS AND PENTACHLOROPHENOL
FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE:	PROJECT MANAGER:	FIGURE NO.:
	15 NOVEMBER 2011	S. BELWAY	3-6

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0 5 10 15 20 Feet

Coordinate System: WGS 1984 UTM Zone 6N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter
1:150

N

1st Phase of Investigation, With Exceedance
1st Phase of Investigation, No Exceedance
2nd Phase of Investigation, No Exceedance
2011 Excavation

BUILDING 38 - TAKU GARDENS SUBDIVISION
CONTAMINANTS OF CONCERN: DIESEL RANGE ORGANICS, TRICHLOROETHENE, BENZENE, TETRACHLOROETHYLENE
FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 09 Jul 2012	PROJECT MANAGER: S. BELWAY	FIGURE NO: 3-7

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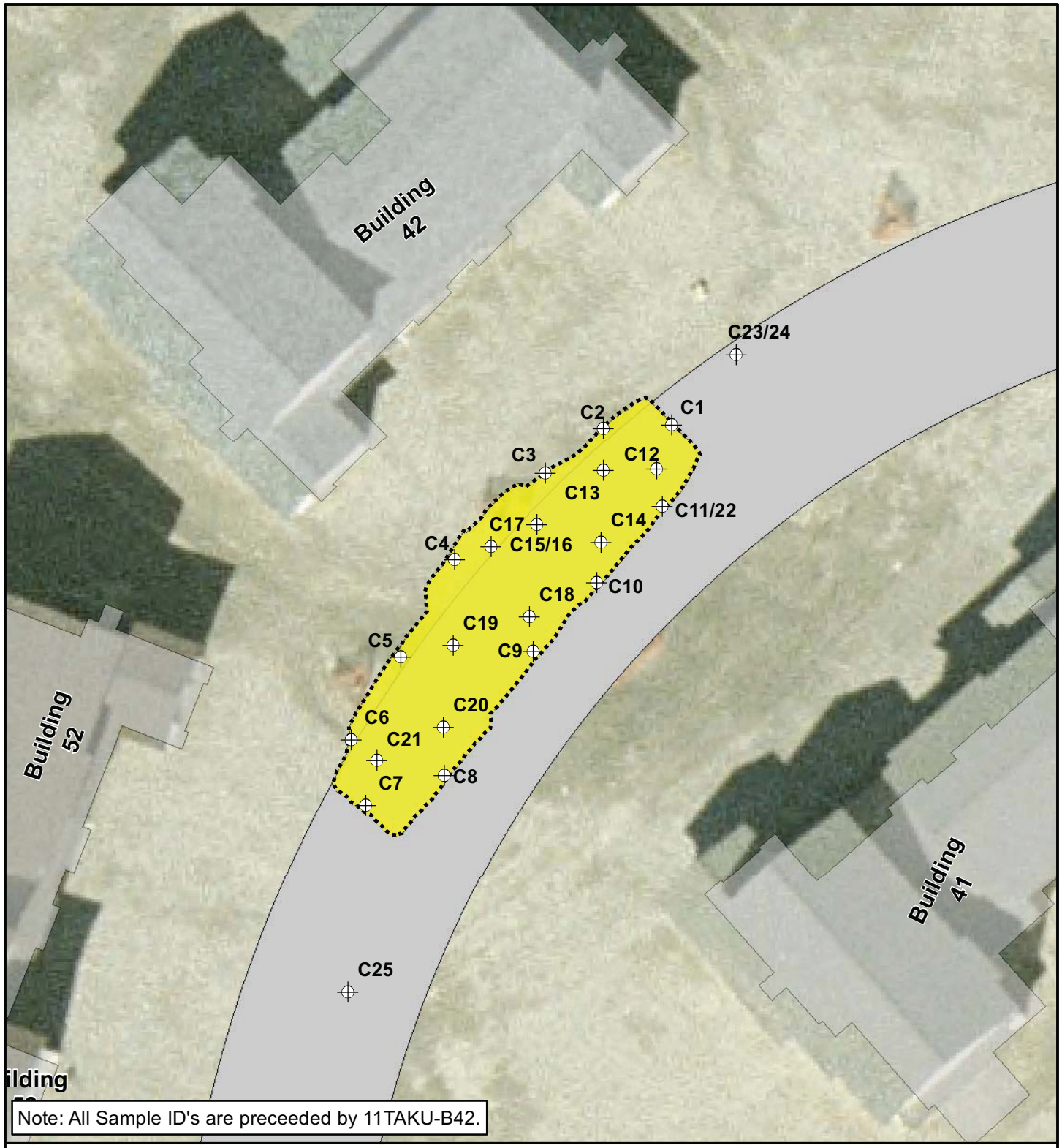

0 10 20 30 40 Feet

Coordinate System: WGS 1984 UTM Zone 6N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter
1:300

N

No Exceedance
2011 Excavation
Paved Road
Unpaved Road
Building

AREA B42 - TAKU GARDENS SUBDIVISION
CONTAMINANT OF CONCERN:
CARBON TETRACHLORIDE AND SUSPECTED DRO
FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 14 Nov 2011	PROJECT MANAGER: S. BELWAY	FIGURE NO: 3-8

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Note: All Sample ID's are preceeded by 11TAKU-B49.

0 10 20 30 40 Feet

Coordinate System: WGS 1984 UTM Zone 6N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter
1:300

N

No Exceedance
2011 Excavation
Paved Road
Unpaved Road
Building

AREA B49 - TAKU GARDENS SUBDIVISION
CONTAMINANT OF CONCERN: PROPYLENE GLYCOL

FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 14 Nov 2011	PROJECT MANAGER: S. BELWAY	FIGURE NO: 3-9

Path: P:\Taku_Gardens\MXD\B49.mxd User: beatycj

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4.0 RESULTS

This section discusses the results from soil and groundwater sampling events for each area within the FCS. Exceedances of arsenic were observed in soil and groundwater samples above the ADEC cleanup criteria; however, because arsenic is naturally occurring and is not related to the known source of contamination and debris-related materials, it is not considered a COC at the FCS. Exceedances for arsenic are not presented in this section. Appendix B presents the data quality assessment and all results. Table 4-1 presents soil sample results above criteria for excavation activities from B08. Results are discussed in more detail below.

4.1 PLANNED REMOVAL ACTIVITIES

4.1.1 Monitoring Well 62

Two groundwater samples (11FWA-TAKU-MW62 and 11FWA-TAKU-MW62D) and seven confirmation soil samples (11FWA-TAKU-SO5-C01 through 11FWA-TAKU-SO3-C07) were collected from the sidewalls and floors of the excavation. Samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, PCB, herbicides, and pesticides. All sample results were below the ADEC cumulative (multi-chemical) risk threshold of 1×10^{-5}, the ADEC most stringent cleanup criteria, and EPA MCL-based SSLs.

4.1.2 Area B24

Seven confirmation soil samples (11TAKU-B248-SO3-C01 through 11TAKU-B24-SO3-C07) were collected from the sidewalls and floors of the excavation. Samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PCB, herbicides, pesticides, and metals. All sample results were below the ADEC cumulative (multi-chemical) risk threshold of 1×10^{-5}, and the ADEC most stringent cleanup criteria. Three samples had concentrations of lead exceeding EPA's MCL-based SSL; however, lead is unrelated to the known contamination and well below ADEC cleanup criteria.

4.1.3 Area B48

Seven confirmation soil samples (11TAKU-B48-SO10-C01 through 11TAKU-B48-SO10-C07) were collected from the sidewalls and floors of the excavation. Samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, PCB, herbicides, and pesticides. All sample results were below the ADEC cumulative (multi-chemical) risk threshold of 1×10^{-5}, the ADEC most stringent cleanup criteria, and EPA MCL-based SSLs.

4.2 CONSTRUCTION SUPPORT ACTIVITIES

4.2.1 Area B08

Two characterization soil samples (11TAKU-B08-SO1-W01 and 11TAKU-B48-SO2-W02) were collected and analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, RCRA metals, herbicides, and pesticides. Results indicated high levels of DRO as the COC. Both characterization samples exceeded the ADEC cleanup criteria for DRO of 250 mg/kg at 5,870 and 2,830 mg/kg respectively.

Two initial confirmation samples (11TAKU-B08-SO6-C01 and 11TAKU-B08-SO6-C02), 22 additional confirmation samples (11TAKU-B08-SO6-C03 through 11TAKU-B08-SO2-C24), and 14 soil boring samples (11TAKU-B08-SB01-C25 through 11TAKU-B08-SB04-C38 from SB01 through SB04) were collected. Additionally, a groundwater sample (11FWA-MW28-GWF) was collected from MW28, located west of B08 in order to determine whether DRO contamination had affected groundwater quality west of the known plume in the area. All samples were analyzed for GRO, DRO, RRO, VOC, SVOC, PAH, explosives, RCRA metals, herbicides, and pesticides. Initial confirmation soil samples exceeded the ADEC direct contact cleanup criteria for DRO of 12,500 mg/kg at 31,900 and 13,500 mg/kg respectively. Eight of the additional confirmation soil samples showed DRO exceedances from 425 to 14,800 mg/kg. Soil boring sample 11TAKU-B08-SB01-C27 exceeded the cleanup criteria for DRO at 4,800 mg/kg. All other soil results were below the ADEC cleanup criteria and EPA MCL-based SSLs. Groundwater samples from MW28 did not exceed ADEC Table C cleanup criteria for GRO, DRO, RRO, VOC, SVOC, PAH, PCB, RCRA metals, herbicides, and

pesticides. Although groundwater samples indicated DRO at 0.15 milligrams per liter (mg/L), the sample was well below the ADEC action limit for DRO at 1.5 mg/L. Table 4-1 lists soil sample results that are representative of soil remaining onsite.

Table 4-1
Area B08 Soil and Soil Boring Sample ADEC Exceedances

Sample ID	Depth (feet bgs)	ADEC Most Stringent Criteria[1] (mg/kg)	Analyte	Result (mg/kg)
11TAKU-B08-SO7-C05	7	250	DRO	13,000
11TAKU-B08-SO7-C06	7	250	DRO	14,800
11TAKU-B08-SO12-C14	12	250	DRO	2,310
11TAKU-B08-SO8-C15	8	250	DRO	5,700
11TAKU-B08-SO9-C16	9	250	DRO	425
11TAKU-B08-SO6-C17	6	250	DRO	528
11TAKU-B08-SO4-C18	4	250	DRO	1,400
11TAKU-B08-SO2-C24	2	250	DRO	838
11TAKU-B08-SB01-C27	15-16	250	DRO	4,800

Notes:
[1] 18 AAC 75, Table B1 and B2, most stringent migration to groundwater and under 40 inch criteria (ADEC 2008)
For definitions, refer to the Acronyms and Abbreviations list

4.2.2 Area B27

One characterization sample (11FWA-TAKU-B27-AS-C01) was collected and analyzed for ACM. Results indicated no ACM. Six confirmation samples (11TAKU-B27-SO1-C01 through 11TAKU-B27-SO3-C06) and one waste sample (11TAKU-B27-SO-W01) were collected. All samples were analyzed for VOC, SVOC, RCRA metals, and explosives. Sample 11TAKU-B27-SO3-C06 exceeded the ADEC cleanup criteria for PCP of 0.047 mg/kg at 0.14 mg/kg. All other samples were below the ADEC cleanup criteria and EPA MCL-based SSLs.

4.2.3 Area B38

One characterization sample (11TAKU-B38-SO2-W01) was collected and analyzed for GRO, DRO, RRO, VOC, SVOC, herbicides, and pesticides. The sample exceeded the ADEC most stringent cleanup criteria for DRO of 250 mg/kg at 472 mg/kg.

After the initial investigation, four confirmation samples (11TAKU-B38-SO3-C01 through 11TAKU-B38-SO2-C04) were collected and analyzed for GRO, DRO, RRO, VOC, SVOC, PCB, RCRA metals, herbicides, and pesticides. Exceedances of TCE, PCE, and benzene from confirmation samples 11TAKU-B38-SO3-C01, 11TAKU-B38-SO2-C04, and 11TAKU-B38-SO1-C03, respectively, were observed. The exceedances were based on the ADEC cleanup criteria of 0.02 mg/kg for TCE with a result of 0.073 mg/kg and 0.025 for benzene with a result of 0.0285 mg/kg. The PCE exceedance was based on the EPA MCL of 0.0023 mg/kg with result of 0.00642 mg/kg. All other sample results were below the ADEC cleanup criteria and EPA MCL-based SSLs. A second investigation was conducted to remove the previous exceedances and eleven additional samples (11TAKU-B38-SO1-C05 through 11TAKU-B38-SO4-C15) were collected and analyzed for GRO, DRO, RRO, VOC, SVOC, PCB, RCRA metals, herbicides, and pesticides. The additional confirmation sample results were below the ADEC cleanup criteria and EPA MCL-based SSLs.

4.2.4 Area B42

Two characterization samples (11FWA-TAKU-SO-WX02 and 11FWA-TAKU-SO-WX03) were collected and analyzed for GRO, VOC, SVOC, PAH, PCB, herbicides, and pesticides. Results indicated exceedances for carbon tetrachloride from samples 11FWA-TAKU-SO-WX02 and 11FWA-TAKU-SO-WX03 based on the EPA MCL of 0.0019 mg/kg at 0.0064 mg/kg and 0.0053 mg/kg respectively. Although there were additional EPA exceedances observed in samples 11FWA-TAKU-SO-WX02 and 11FWA-TAKU-SO-WX03 for PCE and benzene respectively, these analytes were found in the sample trip blank and method blank making these exceedances likely due to contamination within the laboratory.

Twenty-five confirmation samples (11TAKU-B42-SO1-C01 through 11TAKU-B42-SO2-C25) and four waste samples (11TAKU-B42-SO-W01 through 11TAKU-B42-SO-W04) were collected and analyzed for GRO, DRO, RRO, VOC, SVOC, PCB, RCRA metals, herbicides, and pesticides. All confirmation samples were below the ADEC cleanup criteria and EPA MCL-based SSLs

4.2.5 Area B49

Two characterization samples (11TAKU-B49-SO8-W01 and 11TAKU-B49-SO8-W02), six confirmation samples (11TAKU-B49-SO10-C01 through 11TAKU-B49-SO9-C06), and two waste samples (11TAKU-B49-SO-W03 and 11TAKU-B49-SO-W04) were collected and analyzed for ethylene and propylene glycol (SW8015B), GRO, DRO, RRO, VOC, SVOC, PAH, herbicides, and pesticides. Characterization samples 11TAKU-B49-SO8-W01 and 11TAKU-B49-SO8-W02 were found to contain propylene glycol concentrations of 22,000 mg/kg and 13,000 mg/kg respectively. Propylene glycol was evident in the confirmation samples from 2.1 mg/kg to 120 mg/kg. All other confirmation sample results were below the ADEC cleanup criteria and EPA MCL-based SSLs for regulated analytes.

4.2.6 Sewage Lift Station

One waste sample (11FWA-TAKU-WX01) was collected and analyzed for propylene and ethylene glycol, GRO, DRO, RRO, VOC, SVOC, RCRA metals, herbicides, and pesticides. All sample results were below the ADEC cleanup criteria and EPA MCL-based SSLs and did not indicate any presence of ethylene glycol. Propylene glycol contamination, however, was found in the waste sample with a concentration of 140,000 mg/L.

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5.0 WASTE MANAGEMENT

Approximately 1,430 cy of POL-contaminated soil from B08 and 50 cy of POL and solvent-contaminated soil from B38 were stored in a long-term stockpile and covered at the Chipbarn Stockpile Site. Due to temperature and time constraints at the end of the field season, this soil will be disposed of in 2012. The remaining 15 cy of POL-contaminated soil from B38 was disposed of at Organic Incineration Technology, Inc. Approximately 330 cy of soil from B42, 25 cy of soil from MW62, 14 cy of soil from B24, 9 cy of soil from B48, and 34 cy of soil from B27 were transported to the Fort Wainwright landfill. Approximately 30 cy of glycol-contaminated soil from B49 was transferred to the Directorate of Public Works and disposed of through Emerald Services, Inc. outside of Alaska. Approximately 4,240 pounds of metal, including twelve pieces of MD, ten pieces of RRD, and other scrap metal pieces were recycled at C & R Pipe and Steel in Fairbanks, Alaska. Three 90-gallon overpacks of charcoal gas mask filters from B27 and approximately seven gallons of decontamination and purge water from MW62, MW28, and the sewage lift station were moved to the DERA investigation-derived waste storage facility for winter storage.

Expended sampling materials and personal protective equipment (i.e., gloves, spoons, paper towels, etc.) were disposed of at the Fairbanks North Star Borough landfill.

Appendix B presents results of waste sampling efforts and Appendix C presents documentation regarding the disposal of waste.

Table 5-1
Summary of Contaminated Soil Removed During 2011

Location	Potential Contaminant	Volume of Soil (cy)	Disposal Destination
Area B08	POL	1,430	Chipbarn (to be disposed of in 2012)
Area B24	1,2,3 – Trichloropropane	14	Fort Wainwright Landfill
Area B27	Filter material	34	Fort Wainwright Landfill
	Large metal debris	NA	C& R Pipe (Recycling)
Area B38	POL/Solvent	50	Chipbarn (to be disposed of in 2012)
		15	Thermal Treatment OIT
Area B42	POL/Solvent	330	Fort Wainwright Landfill
Area B48	SVOC	9	Fort Wainwright Landfill
Area B49	Propylene Glycol	30	Emerald Services, Arlington, Oregon
Monitoring Well 62	SVOC	25	Fort Wainwright Landfill

Note:
For definitions, refer to the Acronyms and Abbreviations list

6.0 CONCLUSIONS

The primary project objective was to remove three hotspots discovered during the RI between 2007 and 2009. Additional objectives included providing environmental construction support to the onsite contractor where issues were addressed as they arose. The objectives addressed in this report have primarily consisted of identifying and determining the extent of contamination present in surface, subsurface soil, and groundwater. These project objectives were met. Approximately 4,240 pounds of munitions-related debris and scrap metal were excavated at the site during the course of the investigation and recycled.

6.1 MONITORING WELL 14

After MW14 was converted from a stick-up type monitoring well to a flush-mount style monitoring well, it was tested to assure proper function. No additional construction support activities were necessary at MW14.

6.2 MONITORING WELL 62 – BENZO(A)PYRENE AND DIBENZO(A,H)ANTHRACENE - CONTAMINATED SOIL

Approximately 33 cy of contaminated soil were excavated from MW62 in response to benzo(a)pyrene and dibenzo(a,h)anthracene contamination identified during the RI. The analytes of concern did not exceed the ADEC cumulative (multi-chemical) risk threshold criteria. Additionally, confirmation soil samples and groundwater samples did not exceed ADEC cleanup criteria for GRO, DRO, RRO, VOC, SVOC, RCRA metals, PCB, herbicides, or pesticides.

6.3 AREA B08 – PETROLEUM, OIL, AND LUBRICANTS-CONTAMINATED SOIL

A total of 1,430 cy of POL-contaminated soil were excavated from the B08 area, located south of Building 08, in response to contamination identified during 2011 construction activities. All soil, soil boring, and groundwater samples were analyzed for GRO, DRO, RRO, VOC, SVOC, RCRA metals, explosives, herbicides, and pesticides. Several soil sample

results from the investigation indicate remaining DRO contamination ranging from 425 to 14,800 mg/kg. Contamination likely extends under the building and may be a source for the DRO groundwater plume on the northern edge of the site.

6.4 AREA B24 – 1,2,3-TRICHLOROPROPANE-CONTAMINATED SOIL

Approximately 14 cy of TCP-contaminated soil identified during the RI, were excavated from the B24 area, located between Buildings 22 and 24. The analytes of concern did not exceed the ADEC cumulative (multi-chemical) risk threshold criteria. Additionally, confirmation soil samples and groundwater samples did not exceed ADEC cleanup criteria for GRO, DRO, RRO, VOC, SVOC, RCRA metals, PCB, herbicides, or pesticides.

6.5 AREA B27 – PENTACHLOROPHENOL-CONTAMINATED SOIL

Approximately 1,000 pounds of munitions-related debris and scrap metal along with three overpacks of charcoal gas mask filters were removed from the B27 area, located west of Building 27. A total of 34 cy of soil were excavated from B27 in response to metal debris items identified during 2011 construction activities. Five confirmation soil samples did not exceed ADEC cleanup criteria for VOC, SVOC, RCRA metals, or explosives. One confirmation sample exceeded the ADEC cleanup criteria for PCP at 3 feet bgs. Due to the urgency and timeline from the onsite contractor, and because no contamination was anticipated in connection to the metal debris, the excavation was backfilled with 1 foot of classified offsite material and a paved roadway was constructed prior to receiving analytical results.

6.6 AREA B38 – PETROLEUM, OIL, AND LUBRICANTS; TRICHLOROETHYLENE; TETRACHLOROETHYLENE; AND BENZENE-CONTAMINATED SOIL

A total of 65 cy of POL, TCE, PCE, and benzene-contaminated soil were excavated from the B38 area, located north of Building 38, in response to contamination identified during 2011 construction activities. Confirmation soil samples did not exceed ADEC cleanup criteria for GRO, DRO, RRO, VOC, SVOC, PCB, RCRA metals, herbicides, or pesticides.

6.7 AREA B42 – PETROLEUM, OIL, AND LUBRICANTS AND CARBON TETRACHLORIDE-CONTAMINATED SOIL

A total of 330 cy of POL and carbon tetrachloride-contaminated soil were excavated from the B42 area, located east of Building 42, in response to contamination identified during 2011 construction activities. Confirmation soil samples did not exceed ADEC cleanup criteria for GRO, DRO, RRO, VOC, SVOC, PCB, herbicides, or pesticides.

6.8 AREA B48 – BENZO(A)PYRENE, DIBENZO(A,H)ANTHRACENE, N-NITROSODIMETHYLAMINE-CONTAMINATED SOIL

Approximately 9 cy of contaminated soil were excavated from the B48 area, located east of Building 48, in response to benzo(a)pyrene, dibenzo(a,h)anthracene, and n-nitrosodimethylamine contamination identified during the RI. The analytes of concern did not exceed the ADEC cumulative (multi-chemical) risk threshold criteria. Additionally, confirmation soil samples did not exceed ADEC cleanup criteria for GRO, DRO, RRO, VOC, SVOC, RCRA metals, PCB, herbicides, or pesticides.

6.9 AREA B49 – GLYCOL-CONTAMINATED SOIL

A total of 30 cy of propylene glycol-contaminated soil were excavated from the B49 area, located north of Building 49, in response to contamination identified during 2011 construction activities. Confirmation soil samples did not exceed ADEC cleanup criteria for GRO, DRO, RRO, VOC, SVOC, herbicides, or pesticides; however, results did indicate low levels of propylene glycol ranging from 2.1 mg/kg to 120 mg/kg remaining in the soil.

6.10 SEWAGE LIFT STATION

Waste sample results indicated propylene glycol contamination was present at the sewage lift station. Prior to dewatering, these results were provided to the contractor responsible for conducting the dewatering of the sewage lift station. Waste samples did not exceed cleanup criteria for GRO, DRO, RRO, VOC, SVOC, RCRA metals, herbicides, pesticides, or ethylene glycol.

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7.0 REFERENCES

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APPENDIX A

Photograph Log

Photo No. 1
Area B24: Pre-excavation. View facing east.

Photo No. 2
Area B24: Excavation

Photo No. 3
Area B48: Excavation. View facing west.

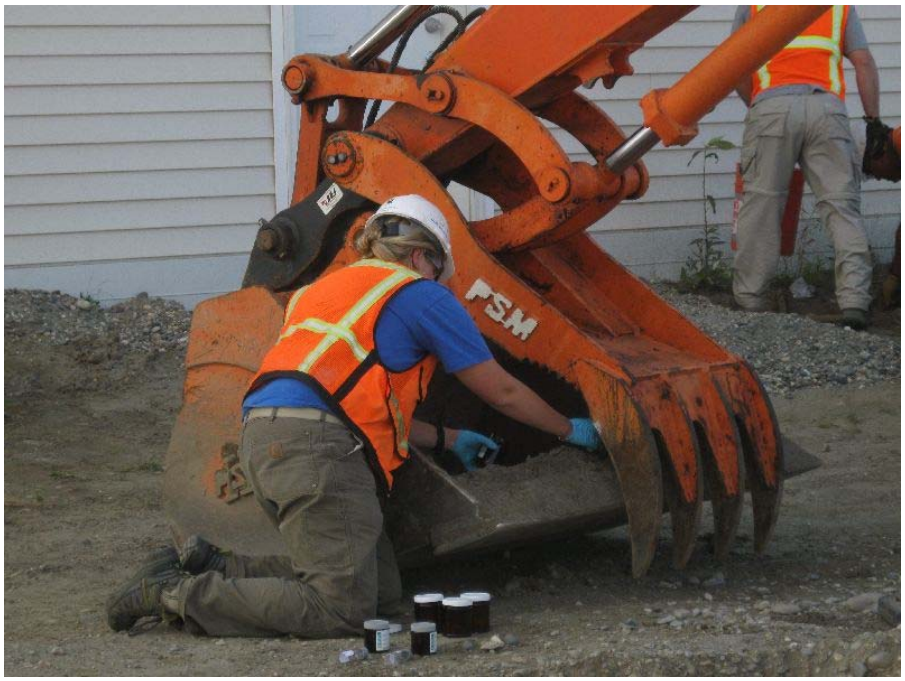

Photo No. 4
Area B48: Sampling from excavation bucket. View facing northwest.

Photo No. 5
Area B08: Excavation. View facing northeast.

Photo No. 6
Area B08: Sampling floor of excavation. View facing northeast.

Photo No. 7
Area B08: HDPE liner in excavation. View facing west.

Photo No. 8
Buidling 08: Backfilling over liner in excavation. View facing northwest.

Photo No. 9
Area B27: Metal debris. View facing northwest.

Photo No. 10
Area B27: Schonstedt® magnetometer sweep for additional debris. View facing north.

Photo No. 11
Area B38: Prior to excavation. View facing east.

Photo No. 12
Area B38: Field screening from excavation. View facing east.

Photo No. 13
Area B42: Soil sampling from excavation. View facing sosuthwest.

Photo No. 14
Area B42: Transferring soil from excavation to stockpiles. View facing north.

Photo No. 15
Area B49: Glycol lines. View facing east.

Photo No. 16
Area B49: Compacting soil. View facing north.

Photo No. 17
FCS Hotspot MW62: Excavating soil into supersacks. View facing northeast.

Photo No. 18
FCS Hotspot MW62: Completed excavation. View facing northwest.

Photo No. 19
M29 Practice Rocket found near Building 20.

Photo No. 20
Land Mines and 40 mm Cartridge found at B27.

Photo No. 21
81mm M68 Training Mortar

APPENDIX B

Analytical Data and Laboratory Documentation

FORMER COMMUNICATIONS SITE
2011 CONSTRUCTION SUPPORT
AFTER-ACTION REPORT

APPENDIX B
DATA QUALITY ASSESSMENT

FORT WAINWRIGHT, ALASKA

FINAL
JULY 2012

U.S. Army Corps of Engineers, Alaska District
Environmental Remediation Services
Contract No. W911KB-06-D-0006
Task Order No. 07

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Attachment B-2 Qualified Data Tables

Attachment B-3 Alaska Department of Conservation Laboratory Data Review Checklists

Attachment B-4 Laboratory Deliverables

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ACRONYMS AND ABBREVIATIONS

ADEC	Alaska Department of Environmental Conservation
CCV	continuing calibration verification
DBCP	1,2-dibromo-3-chloropropane
DoD	U.S. Department of Defense
DQA	Data Quality Assessment
DQO	data quality objective
FCS	Former Communications Site
Jacobs	Jacobs Engineering Group Inc.
LCL	lower control limit
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LOQ	limit of quantitation
LOD	limit of detection
DL	detection limit
MS	matrix spike
MSD	matrix spike duplicate
PCE	tetrachloroethene
QC	quality control
QSM	Quality Systems Manual
RPD	relative percent difference
TCE	trichloroethene
UCL	upper control limit
USACE	U.S. Army Corps of Engineers
VOC	volatile organic compounds
ºC	degrees Celsius

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1.0 INTRODUCTION

This Data Quality Assessment (DQA) was performed to assess the overall quality and usability of the data collected to support 2011 field sampling events at nine sites at the Former Communications Site (FCS) on Fort Wainwright, Alaska. The nine sites included areas around Buildings 8, 24, 27, 38, 42, 48, and 49, the FCS Hotspot (MW62) and the sewage lift station. A soil sample and an aqueous sample were collected from the FCS Hotspot (MW62). The soil results are included in this DQA, but the aqueous sample is reported with the *2011 Former Communications Site Groundwater Monitoring Report* (U.S. Army Corps of Engineers [USACE] 2012). SGS Environmental Services, Inc. of Anchorage, Alaska and Test America Laboratories of Tacoma, Washington provided the primary analytical support, with Test America Laboratories of Denver, Colorado providing secondary support for nitroaromatic explosives analyses.

This appendix to the 2011 FCS Construction Support After-Action Report contains this DQA, analytical data and sample summary tables (Attachment B-1), sample results that did not meet project data quality objectives (DQO) (Attachment B-2), and Alaska Department of Environmental Conservation (ADEC) Laboratory Data Review Checklists (Attachment B-3). Complete laboratory data deliverables are included with the PDF in electronic format only (Attachment B-4).

Jacobs Engineering Group Inc. (Jacobs) performed a data review, wrote the DQA, and completed ADEC laboratory data review checklists for the records associated with the analytical data. The data review and DQA were performed in accordance with the *Fort Wainwright Post Wide Work Plan* (USACE 2010). Results were categorized as acceptable, estimated, or rejected; data qualifier definitions are located in Section 1.1 of this DQA. A completeness check of the laboratory data was performed to verify that the data packages and electronic files included all information requested (Attachment B-4).

1.1 DATA REVIEW AND QUALIFICATION

All analytical data were reviewed by the Jacobs Project Chemist. This evaluation consisted of a review of chain-of-custody and sample receipt records, laboratory case narratives, laboratory data including analytical methodology, sample holding times, laboratory blanks, detection limits (DL), limits of detection (LOD), limits of quantitation (LOQ), surrogate recoveries, laboratory control sample (LCS) recoveries, matrix spike (MS) recoveries, and precision. Analytical DQOs were considered met when the quality of the sample data met precision, accuracy, representativeness, completeness, comparability, and sensitivity requirements specified in the Work Plan (USACE 2010a).

Analytical results were evaluated against the DQOs listed in the Work Plan (USACE 2010), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) version 4.2 (DoD 2010), analytical methods (ADEC 2002; U.S. Environmental Protection Agency 1996), and laboratory limits. Table B-1 lists the quality control (QC) criteria for the samples collected.

Table B-1
Quality Control Criteria Used for Data Quality Assessment – 2011

Sample Type	Analytical Methods														
	AK101	**AK102**	**AK103**	**SW6010/ SW6020A**	**SW7470/ SW7471A**	**SW8081**	**SW8082**	**SW8151**	**SW8260**	**SW8270**	**SW8270SIM PAH**	**SW8270SIM Pest**	**SW8330**	**SW8321**	**SW8015**
LCS Recovery Limits	60 to 120%	75 to 125%	60 to 120%	DoD QSM v4.2, Table G-18, G-19	DoD QSM v4.2, Table G-18, G-19	DoD QSM v4.2, Table G-14, G-15	DoD QSM v4.2, Table G-16, G-17	DoD QSM v4.2, Table G-8, G-9	DoD QSM v4.2, Table G-4, G-5	DoD QSM v4.2, Table G-6, G-7	DoD QSM v4.2, Table G-6, G-7	DoD QSM v4.2, Table G14-, G-15	DoD QSM v4.2, Table G-12, G-13	DoD QSM v4.2, Table G-12, G-13	Laboratory Determined
LCS RPD	20%	20%	20%	20%	20%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
Surrogate Recovery	50 to 150%	50 to 150%	50 to 150%	--	--	DoD QSM v4.2, Table G-3	DoD QSM v4.2, Table G-3	DoD QSM v4.2, Table G-3	DoD QSM v4.2, Table G-3	DoD QSM v4.2, Table G-3	DoD QSM v4.2, Table G-3	DoD QSM v4.2, Table G-3	DoD QSM v4.2, Table G-13	DoD QSM v4.2, Table G-12, G-13	Laboratory Determined
MS Recovery	60 to 120%	75 to 125%	60 to 120%	DoD QSM v4.2, Table G-18, G-19	DoD QSM v4.2, Table G-18, G-19	DoD QSM v4.2, Table G-14, G-15	DoD QSM v4.2, Table G-16, G-17	DoD QSM v4.2, Table G-8, G-9	DoD QSM v4.2, Table G-4, G-5	DoD QSM v4.2, Table G-6, G-7	DoD QSM v4.2, Table G-6, G-7	DoD QSM v4.2, Table G14-, G-15	DoD QSM v4.2, Table G-12, G-13	DoD QSM v4.2, Table G-12, G-13	Laboratory Determined
MS Recovery RPD	20%	20%	20%	20%	20%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%

Notes:
DoD QSM v.4.2 (DoD 2010)
For definitions, see the Acronyms and Abbreviations section

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Qualification was not required in the following circumstances:

- Surrogate or MS recoveries were outside QC limits, and the sample was diluted by a factor of 5 or greater.
- MS recoveries are outside QC limits, and the spiked concentration is less than one-half that of the parent sample.
- An analyte was detected in the method blank, but there was no detection in the sample.
- MS or LCS recoveries exceeded upper control limits (UCL), and there was no detection in the sample(s).
- Continuing calibration verification (CCV) recoveries exceeded the UCL, and there was no detection in the sample(s).
- Field duplicate relative percent difference (RPD) results exceeding 50 percent if the values were less than the LOD.

Qualifiers applied to the analytical data set, as appropriate, include the following:

J The analyte was positively identified, but the associated result was less than the LOQ but greater than or equal to the DL.

E The sample result was nondetect and the LOD was greater than the ADEC cleanup level.

B The analyte was detected in the method blank or the trip blank greater than one-half the LOQ, and the concentration in the sample did not exceed the blank concentration by a factor of 5 (factor of 10 for common laboratory contaminants acetone and methylene chloride).

+ The result was biased high.

– The result was biased low.

JL(±) The result was an estimated value because the analyte failed recovery criteria in the LCS or LCS duplicate (LCSD) sample or both. The result was either biased low because the LCS and LCSD recovery was less than the lower control limit (LCL), or the result was biased high because the recovery exceeded the UCL.

JM The result was an estimated value because the analyte failed recovery criteria in the MS or MS duplicate (MSD) sample or both. The MS sample recoveries were only evaluated if the native concentration was less than two times the spiking concentration

JS The result was an estimated value because at least one surrogate failed recovery criteria for that sample.

JH The numerical result was considered an estimate because the analysis was performed at greater than the method holding time and less than twice the method holding time.

JC(±) The result was an estimated value because the analyte failed recovery criteria in the CCV. The result was either biased low because the CCV recovery was less than the LCL or biased high because the recovery exceeded the UCL.

JD The result was qualified because the RPD between the primary sample and the field duplicate sample exceeded 50 percent in soil samples or 30 percent in aqueous samples when the results were greater than the LOD.

R The result was rejected. A rejected result was not usable.

Data may be rejected on the following grounds:

- Initial calibration (per compound) criteria not met
- Continuing calibration (per compound) not verified
- All nondetects with the continuing calibration recovery less than control limits
- Any compound with LCS recovery less than 10 percent
- Missed holding times greater than 2 times the method-specified holding time
- Surrogate recovery of less than 10 percent and a dilution factor of 5 or less

Completeness is a quantitative evaluation indicating the percentage of the data that was considered usable (not rejected) for the intent of the project. The completeness goal is met when 95 percent of sample data is not rejected. Four SVOC results were rejected (R) due to 0 percent LCS or MS/MSD recoveries; six pesticide results were rejected (R) due to 0 percent MS/MSD recoveries and six VOC results were rejected (R) due to 0 percent MS or MSD recoveries. All other parameters had 100 percent completeness, and the completeness goal of 95 percent for all parameters was met.

2.0 DATA QUALITY SUMMARY

A review of the analytical results and associated QC samples found the overall quality of the project data to be acceptable. These data are considered usable within the limitations discussed in this DQA and the ADEC checklists. The details of the data evaluation are presented in Sections 2.1 to 2.12. Sample results that did not meet project DQOs are qualified according to Section 1.1. Qualified results are considered estimated and, whenever possible, are indicated as either biased high (+) or low (–). All qualified results can be found in the tables of Attachment B-2 while all associated ADEC checklists can be found in Attachment B-3.

2.1 FIELD QUALITY CONTROL SAMPLE COLLECTION

The collection frequency of field QC samples of one field duplicate per every 10 field samples and one MS/MSD pair per 20 field samples for each matrix outlined in the Work Plan (USACE 2010) was met except for the one aqueous sample (11FWA-TAKU-WX01) which was collected at the Taku sewage lift station. A field duplicate sample and MS/MSD samples were not collected with this sample.

Table B-2 lists the analytical methods and associated field QC sample frequency for the samples, respectively.

2.2 SAMPLE HANDLING

Twenty-one coolers were submitted to the laboratories over the course of the 2011 field season. All coolers were received intact with temperature blanks less than 6°C. Several coolers were received with temperatures of less than 2°C, but showed no evidence of samples being frozen. Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. Methanol leakage was noted on the case narrative for several SW8260 soil samples preserved with methanol (11TAKU-B24-SO3-C01 (580-27865-1), 11TAKU-B24-SO3-C02 (580-27865-2), 11TAKU-B24-SO4-C03 (580-27865-3), 11TAKU-B24-SO4-

C04 (580-27865-4), 11TAKU-B24-SO3-C05 (580-27865-5), 11TAKU-B24-SO3-C06 (580-27865-6), 11TAKU-B24-SO3-C07 (580-27865-7) and 11TAKU-B24-TB01 (580-27865-8)). The methanol leakage was not noted on any of the sample receipt forms. Although the methanol leakage was noted as "significant" due to smeared jar lables, the soil in the sample containers remained covered with methanol and any leaking methanol was contained in the individual sample ziplock bags. The field surrogates for the affected samples ranged from 78 percent to 88 percent and were within recovery goals with the exception of sample 11TAKU-B48-SO8-C05. The field surrogate for this sample was biased low and outside QC recovery goals. All SW8260 results for sample 11TAKU-B48-SO8-C05 were qualifed with the JS- data flag and are consided estimated.

2.3 HOLDING TIMES

All samples except glycols by Method SW8015 were originally analyzed within their respective method-specified holding times. The glycol analyses were performed 11 days after the sampling date, within twice the 7-day method-specified holding time. The results were qualified as estimated (JH) due to the hold time exceedance. Additionally, due to suspected matrix interferences in the original nitroaromatic explosive analysis by SW8330 for sample 11TAKU-B08-SO7-C02 resulting in an ADEC exceedance for 2-amino-4,6-dinitrotoluene, the Jacobs Project Chemist requested that the sample be re-analyzed by method SW8321. Because the sample was extracted 22 days past the sampling date, but within twice the fourteen-day method-specified holding time for SW8321, the nondetect sample results for the SW8321 analysis were qualified (JH).

2.4 METHOD BLANKS AND TRIP BLANKS

Several analytes were detected in one or more method blanks and/or trip blanks associated with samples that resulted in the qualification of sample results:

- AK101: gasoline-range organic compounds
- AK102: diesel-range organic compounds
- AK103: residual-range organic compounds

- SW8260B: acetone, benzene, m&p-xylene, methylene chloride, tetrachloroethene (PCE), trans-1,2-dichloroethene, and trichlorofluoromethane
- SW8270C: benzo(a)anthracene, benzo(g,h,i)perylene, chrysene, pentachlorophenol, and phenanthrene
- SW8270SIM: benzo(g,h,i)perylene and pyrene

Sample results were qualified B when the sample concentration was within a factor of 5 (factor of 10 for acetone and methylene chloride) of the blank concentration, adjusted for percent moisture and sample dilutions. The B-qualified results are presented in Attachment B-2, Table B-2-2. Note that the concentration of pentachlorophenol detected in the method blank for batch 580-89279 (0.0574 J milligrams per kilogram [mg/kg]) exceeded the ADEC cleanup level of 0.042 mg/kg. All project sample results that were qualified with the B flag were less than the corresponding ADEC cleanup levels with the exception of methylene chloride in several samples and pentachlorophenol in sample 11FWA-TAKU-SO5-C01.

B-flagged results are likely due to laboratory contamination and may not be representative of the actual in situ sample concentration. The results, therefore, may be false positives or may be biased high. In most cases, there is no impact to the usability of the results because the results were less than their respective ADEC cleanup values, minimizing any biases that may have been introduced by blank contamination. In the case of methylene chloride, there is no historical indication of past site contamination, and the detections can be attributed to laboratory contamination, which in several cases elevates the methylene chloride results above the ADEC cleanup level. In the case of the SW8270 pentachlorophenol detections associated with the samples collected at the MW62 Hotspot, the results are very likely false positives introduced during the laboratory preparation process as indicated by the concentrations in method blank samples above ADEC cleanup level, and by the fact that pentachlorophenol results analyzed by herbicide method SW8151 on the same samples were nondetect.

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Table B-2
Field and Quality Control Soil Sample Quantities

Sample Type	Analytical Method														
	AK101	AK102	AK103	SW6020A	SW7471A/B	SW8081A	SW8082	SW8151A	SW8260B	SW8270C	SW8270C SIM PAH	SW8270C SIM PEST	SW8330A	SW8321A	SW8015
Primary	99	109	109	102	102	60	71	98	116	104	79	37	8	20	8
Field Duplicate	11	13	13	12	12	7	8	11	14	12	9	4	1	2	1
MS	11	11	11	18	18	11	11	18	28	19	11	9	2	3	1
MSD	11	11	11	18	18	11	11	18	28	19	11	9	2	3	1

Note:
For definitions, see the Acronyms and Abbreviations section.

Table B-3
Field and Quality Control Aqueous Sample Quantities

Sample Type	Analytical Method												
	AK101	AK102	AK103	SW6010	SW6020	SW7470	SW8081A	SW8082	SW8260B	SW8270C	SW8270C SIM PAH	SW8330A	SW8015
Primary	1	1	1	1	1	1	1	1	1	1	1	1	1
Field Duplicate	0	0	0	0	0	0	0	0	0	0	0	0	0
MS	0	0	0	0	0	0	0	0	0	0	0	0	0
MSD	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:
For definitions, see the Acronyms and Abbreviations section.

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2.5 LABORATORY CONTROL SAMPLE RECOVERY

The LCS and/or LCSD recoveries for several analytes associated with samples from the areas around Buildings 8, 24, 27, 49 and the FCS Hotspot (MW62) did not meet recovery goals. Sample results were qualified with JL+, JL-, or R when the associated LCS/LCSD recovery was outside of recovery goals. If an analyte in the LCS/LCSD was recovered above the UCL, but that analyte was not detected in the affected sample, qualification was not applied. See Attachment B-2, Table B-2-3 for a list of all the associated samples affected. The following methods and associated analytes were affected by LCS/LCSD recovery failures:

- SW8260B: acetone (biased high), 1,2,3-trichlorobenzene (biased low), 1,2,4-trichlorobenzene (biased low), hexachlorobutadiene (biased low), naphthalene (biased low), and 1,3-dichloropropane (biased low)
- SW8270C: anthracene (biased high), dibenzofuran (biased high), diethyl phthalate (biased high), benzidine (biased low), and benzoic acid (rejected)
- Due to the low LCS recoveries for 1,2,3-trichlorobenzene, hexachlorobutadiene, and naphthalene, in conjunction with a low CCV recovery result (Section 2.10, below), samples 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05, 11TAKU-B49-SO9-C06, and 11TAKU-B49-TB02 were re-analyzed for verification. However, the re-analysis occurred four days past hold time and the results were qualified JH and should be considered estimated with a possible low bias. The results of the re-analysis are shown in Attachment B-2, Table B-2-10. All batch QC were within laboratory control limits and all sample results were nondetect.

With the exception of the samples discussed in the previous paragraph, all remaining sample results qualified JL- were due to the LCS recovery failures for the semivolatile organic compound benzidine and the VOC compound 1,3-dichloropropane. The nondetect benzidine and 1,3-dichloropropane results associated with these LCS samples are considered estimated with a potential low bias. An ADEC cleanup level is not available for either analyte, therefore the impact is minimal. Additionally, the nondetect results for benzoic acid in three samples associated with Building 8 (11TAKU-B08-SO6-C01, 11TAKU-B08-SO7-C02, and 11TAKU-B08-SO6-C03) were qualified as rejected (R) because the LCS recovery was 0 percent. An ADEC cleanup level is not available for benzoic acid, and the compound is not a contaminant of concern at the Building 8 site, so the impact of the rejected data is minimal.

All sample results qualified JL+ due to LCS recovery exceedances are considered estimated with a potential high bias. The usability of these qualified results is not significantly affected because even though they may be potentially biased high, the qualified results were below their associated ADEC cleanup levels.

2.6 LABORATORY CONTROL SAMPLE PRECISION

The RPD for the majority of the LCS/LCSD pairs met precision goals with the following exceptions:

- SW8260B: Extraction batches 92499 and 93294 (1,2,3-trichlorobenzene), extraction batch 93294 (1,2,4-trichlorobenzene), and extraction batch 93294 (naphthalene)

The samples associated with extraction batch 92499 were not significantly affected since the LCS and LCSD recoveries were in control. The samples associated with the remaining extraction batches were also affected due to poor LCS and/or LCSD recoveries and are qualified JL- to indicate the sample results may be biased low.

2.7 SURROGATE RECOVERY

Surrogate recoveries were evaluated for all samples analyzed at a dilution factor of less than five. Sample results were qualified with the JS+ or JS- flag when the associated surrogate recovery was outside of the recovery goals. If surrogate recoveries were above the UCL, but no analytes were detected, qualifications were not applied. If surrogate recoveries were below the LCL, then all results in the sample were qualified as estimated with a possible low bias (JS-). For methods SW8260 and SW8270, results were qualified if two or more surrogates failed recovery criteria.

The following methods and samples required qualification due to surrogate failures:

- AK101: 11TAKU-B08-SO6-C01 (high bias)
- SW8260B: 11TAKU-B38-SO1-C03 (low bias); 11TAKU-B08-SB03-C34 (low bias); 11TAKUB38-SO3-C10 (high bias, methylene chloride only); 11TAKU-B48-SO8-C05 (bias); 11TAKU-B49-SO10-C02 (low bias); and 11TAKU-B49-SO10-C03 (low bias)
- SW8260 Low Level: 11FWA-TAKU-WX01 (high bias, PCE only)

- OCPSTSM: 11TAKU-B08-SO2-W02 (high bias)
- SW8081A: 11FWA-TAKU-SO03-C02 (low bias); 11FWA-TAKU-SO05-C05 (low bias); 11FWA-TAKU-SO03-C06 (low bias)
- SW8330: 11TAKU-B08-SO7-C02 (high bias)

The results for the SW8260B analysis on sample 11TAKU-B48-SO8-C05 were qualified as estimated (JS) due to one surrogate recovered above its UCL and one surrogate recovered below its LCL.

Sample results qualified due to surrogate outliers are summarized in Attachment B-2, Table B-2-4. All other surrogate recoveries were either within the limits specified in Table B-1 or did not require qualifications.

2.8 MATRIX SPIKE RECOVERY

MS and MSD recoveries were evaluated for all samples analyzed at a dilution factor of less than five. Results in the respective parent samples were qualified as estimated with either a high bias (JM+), low bias (JM-), or rejected (R), depending on the MS/MSD recoveries. Parent samples with high MS and/or MSD recoveries were not qualified if the sample result was nondetect.

The MS and/or MSD recoveries for several analytes did not meet recovery goals listed in Table B-1 and resulted in the qualification of sample results. Attachment B-2, Table B-2-5 provides a list of all MS and MSD recovery exceedances and the affected sample results.

The nondetect VOC results for naphthalene, 1,2-dibromoethane, 1,2-dibromo-3-chloropropane (DBCP), bromoform, chloroethane, and hexachlorobutadiene in sample 11TAKU-B49-SO10-C02 were rejected (R) due to having 0 percent recovery in either the MS or MSD sample (0 percent recovery in both the MS/MSD samples for DBCP) and the less than 10 percent recovery in the other MS or MSD sample. The nondetect pesticide results for alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), endosulfan I and methyoxychlor

in sample 11TAKU-B38-S01-W01 were rejected (R) because they had 0 percent MS/MSD recoveries. Results that are rejected are not usable for decision making purposes.

The following MS/MSD recovery failures should be noted: The MS and/or MSD were recovered low for several analytes in the SW8260B analysis for samples 11TAKU-B48-SO8-C05 and 11TAKU-B49-SO10-C02. The majority of the sample results were qualified JM- (with the exception of the rejected results noted above) to indicate the results may be biased low. Several results were nondetect and their respective LODs were similar to the ADEC cleanup levels.

The dieldrin result by method OCPSTSM in sample 11TAKU-B08-SO6-C08 was qualified as estimated (JM) due to a high MS recovery and a low MSD recovery.

2.9 MATRIX SPIKE PRECISION

Several MS/MSD pairs had RPDs greater than the required limit of 30 percent (20 percent for Alaska and metals test methods). These exceedances were likely due to matrix impacts on the specific sample.

Based on the related QC results, the analytical systems were shown to be within laboratory control limits, and therefore the impact on data quality is minimal. Qualifications were not required and the specific samples where the RPD was greater than 30 percent (or 20 percent) are detailed on the individual ADEC checklists in Attachment B-3.

2.10 CALIBRATION VERIFICATIONS

Sample results were qualified with the JC+ or JC- flag when the associated CCV recovery was outside of recovery goals. If an analyte in the CCV was recovered above the UCL, but that analyte was not detected in the affected sample, qualification was not applied.

The following methods and associated analytes were affected by CCV recovery failures. See Attachment B-2, Table B-2-6 for a list of all the associated samples affected.

- AK103: residual-range organics (biased high)
- SW8260B: methylene chloride (biased high), acetone (biased high), 1,2,3-trichlorobenzene (biased low), 1,2,4-trichlorobenzene (biased low), 1,2-dibromo-3-chloropropane (biased low) and naphthalene (biased low)
- SW8270C: benzidine (biased low)
- SW8270SIM: benzo(g,h,i)perylene (biased high)
- Due to the SW8260B CCV failures in conjunction with low LCS recoveries described above in Section 2.5, samples 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05, 11TAKU-B49-SO9-C06 and 11TAKU-B49-TB02 were re-analyzed for verification. However, the re-analysis occurred four days past hold time and the results were qualified JH and should be considered estimated. The results of the re-analysis are shown in Attachment B-2 Table B-2-10. All batch QC were within laboratory control limits and all sample results were nondetect.

With the exception of the samples discussed in the previous paragraph, all remaining sample results qualified JC- were due to one CCV failure for benzidine. The benzidine results were considered estimated with a potential low bias. An ADEC cleanup level is not available for benzidine and it is not considered an analyte of concern; therefore the impact is minimal.

Sample results qualified JC+ due to CCV recovery exceedances were considered estimated with a potential high bias. The data usability of these qualified results were not significantly affected, except in the case of the VOC compound methylene chloride, because even though they may be potentially biased high, the results were below their associated ADEC cleanup levels. The two samples with methylene chloride results qualified as estimated with a high bias (11TAKU-B38-SO1-C06, 0.135 J mg/kg), and 11TAKU-B38-SO3-C10, 0.0744 J mg/kg) due to the high CCV recovery are also likely minimally impacted because both results were well above the ADEC limit of 0.016 mg/kg, and it does not seem likely that any introduced bias would have elevated the results above the ADEC limit.

2.11 FIELD DUPLICATE PRECISION

Field duplicate precision was evaluated against the recommended RPD limit of 50 percent for soil samples, as stated in the *Environmental Laboratory Data and Quality Assurance Requirements* (ADEC 2009).

Per the ADEC requirements, one field duplicate should be submitted per matrix, analysis, and every 10 project samples. However, a field duplicate sample was not submitted with the aqueous sample 11FWA-TAKU-WX01 collected from the sewage lift station. Therefore, the precision cannot be evaluated and the requirement was not met.

All field duplicate RPD results were evaluated, but only results where the primary or duplicate sample had at least one result above the LOQ were qualified. If one result was nondetect, the LOD of the nondetect result was used to calculate the RPD. RPDs greater than 50 percent were not qualified if **both** the primary and duplicate sample results were less than the LOQ (i.e., already qualified as estimated). Results qualified due to RPD exceedances (JD) are shown in Attachment B-2, Table B-2-7.

All results were minimally affected since all JD qualified results were less than the ADEC cleanup level except the results for trichloroethene (TCE) in sample 11TAKU-B38-SO3-C01. The primary sample TCE result was above the ADEC cleanup level (0.02 mg/kg) and the field duplicate sample result was nondetect. The area was considered contaminated due to the exceedance in the primary sample and the soil was removed from the site. The data were considered usable as reported.

2.12 REPORTING LIMIT ASSESSMENT

Laboratory LODs for nondetect samples were evaluated against the corresponding ADEC cleanup level. In many cases, the laboratory LODs were greater than their ADEC cleanup values. See Attachment B-2, Table B-2-8 for a list of these analytes and associated samples.

Due to matrix interferences, dark extracts, or high concentrations of target analytes, several samples were analyzed at dilutions and the associated laboratory LODs beyond those summarized in Attachment B-2, Table B-2-8 and were therefore greater than their ADEC cleanup values. See Attachment B-2 Table B-2-9 for a list of these analytes and associated samples.

If the affected analytes are of concern, data quality may be affected because the nondetect LODs of these analytes were greater than their respective ADEC cleanup levels and may have been present in the sample at concentrations less than the LOD (i.e., below the method's ability to detect that analyte). However, since sample results were reported to the DL (as estimated values) as long as the DL was less than the associated ADEC cleanup level, the impact to the results would be minimal. If the DL was also elevated above the ADEC limit and the results were nondetect, then the analytes may still have been present in the sample but below the method's ability to detect that analyte. Sample results detected between the DL and LOD are not included in Attachment B-2 Table B-2-8 or Table B-2-9.

Nondetect sample results with LODs exceeding ADEC cleanup criteria were qualified E and italicized in the data tables shown in Attachment B-1.

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3.0 CONCLUSION

In general, the overall quality of the project data was acceptable and the project completeness goal of 95 percent was met. Four SVOC results, six pesticide results, and six VOC results were rejected (R) due to 0 percent LCS or MS and/or MSD recoveries.

Sample 11TAKU-B08-SO7-C02, which was originally analyzed for nitroaromatic explosive compounds by method SW8330, showed strong evidence of matrix interferences. The chromatograms displayed an elevated baseline and poor peak differentiation on both columns, most likely due to the high concentration of diesel-range organic compounds present in the sample. After review of the raw data, and in conjunction with review of the SW8321 data acquired on the same sample, the ADEC exceedance for 2-amino-4,6-dinitrotoluene appears to be a false positive. However, it has been retained in the reported data with no additional qualifications.

Several other results required qualifications that indicate that the reported results may be biased low due to low recoveries in associated QC samples. Most of these qualified results were nondetect and it should be noted that a few of the LODs in these qualified samples, especially among VOC analyses, were at a similar concentration to their respective ADEC cleanup levels.

Samples qualified with a B may be false positives or may be biased high and should be carefully evaluated before decisions are made using the data; this is especially true concerning the VOC compound methylene chloride, which is a common laboratory contaminant. All of the remaining data is considered usable with the limitations discussed in this DQA and the ADEC Laboratory Data Review Checklists in Attachment B-3.

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4.0 REFERENCES

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ATTACHMENT B-1

Sample Summary and Analytical Data Tables

Table B-1-1a
2011 Former Communications Site Construction Support Sample Summary - Area B08

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F52008	11TAKUB08100	Apple	TA-TAC	580-28771	11TAKU-B08-SO6-C01	B08-C01	9/19/2011	1620	6	CJ	2	amber	4oz	4°C	SO	SW8151; SW8330; SW8082		3 day
05F52008	11TAKUB08100	Apple	TA-TAC	580-28771	11TAKU-B08-SO7-C02	B08-C02	9/19/2011	1630	7	CJ	2	amber	4oz	4°C	SO	SW8151; SW8330; SW8082		3 day
05F52008	11TAKUB08100	Apple	TA-TAC	580-28771	11TAKU-B08-SO6-C03	B08-C03	9/20/2011	1150	6	CJ	2	amber	4oz	4°C	SO	SW8151; SW8330; SW8082		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO5-C04	B08-C04	10/6/2011	808	5	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO7-C05	B08-C05	10/6/2011	817	7	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO7-C06	B08-C06	10/6/2011	817	7	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321	DUP	3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO8-C07	B08-C07	10/6/2011	828	8	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO6-C08	B08-C08	10/6/2011	843	6	CJ	4	amber	4oz	4°C	SO	SW8151; SW8321	MS/D	3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO6-C09	B08-C09	10/6/2011	851	6	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO12-C10	B08-C10	10/6/2011	1609	12	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO12-C11	B08-C11	10/6/2011	1618	12	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO12-C12	B08-C12	10/6/2011	1623	12	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO12-C13	B08-C13	10/6/2011	1623	12	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321	DUP	3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO12-C14	B08-C14	10/6/2011	1629	12	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO8-C15	B08-C15	10/6/2011	1636	8	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO9-C16	B08-C16	10/6/2011	1640	9	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO6-C17	B08-C17	10/6/2011	1644	6	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO4-C18	B08-C18	10/6/2011	1647	4	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO1-C19	B08-C19	10/6/2011	1652	1	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO4-C20	B08-C20	10/6/2011	1656	4	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO5-C21	B08-C21	10/6/2011	1700	5	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO4-C22	B08-C22	10/6/2011	1706	4	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO2-C23	B08-C23	10/6/2011	1709	2	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB38172	Avocado	TA-TAC	580-29176	11TAKU-B08-SO2-C24	B08-C24	10/6/2011	1714	2	CJ	2	amber	4oz	4°C	SO	SW8151; SW8321		3 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB01-C25	B08-C25	10/31/2011	1432	4-6	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB01-C25	B08-C25	10/31/2011	1432	4-6	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB01-C26	B08-C26	10/31/2011	1441	10-12	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB01-C26	B08-C26	10/31/2011	1441	10-12	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB01-C27	B08-C27	10/31/2011	1450	14-16	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB01-C27	B08-C27	10/31/2011	1450	14-16	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB02-C28	B08-C28	10/31/2011	1520	6-8	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB02-C28	B08-C28	10/31/2011	1520	6-8	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB02-C29	B08-C29	10/31/2011	1525	9-11	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB02-C29	B08-C29	10/31/2011	1525	9-11	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB02-C30	B08-C30	10/31/2011	1525	9-11	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260	DUP	7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB02-C30	B08-C30	10/31/2011	1525	9-11	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103	DUP	7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB02-C31	B08-C31	10/31/2011	1535	14-16	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260	MS/D	7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB02-C31	B08-C31	10/31/2011	1535	14-16	CJ/PB	2	Amber	8oz	4°C	SO	AK102/103	MS/D	7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB03-C32	B08-C32	10/31/2011	1556	6-8	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB03-C32	B08-C32	10/31/2011	1556	6-8	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB03-C33	B08-C33	10/31/2011	1601	10-12	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB03-C33	B08-C33	10/31/2011	1601	10-12	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB03-C34	B08-C34	10/31/2011	1605	12-14	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB03-C34	B08-C34	10/31/2011	1605	12-14	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB04-C35	B08-C35	10/31/2011	1629	4-6	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB04-C35	B08-C35	10/31/2011	1629	4-6	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB04-C36	B08-C36	10/31/2011	1629	4-6	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260	DUP	7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB04-C36	B08-C36	10/31/2011	1629	4-6	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103	DUP	7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB04-C37	B08-C37	10/31/2011	1634	9-11	CJ/PB	1	Amber	4oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB04-C37	B08-C37	10/31/2011	1634	9-11	CJ/PB	1	Amber	8oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB04-C38	B08-C38	10/31/2011	1639	14-16	CJ/PB	1	Amber	8oz	4°C, MeOH	SO	SW8260		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-SB04-C38	B08-C38	10/31/2011	1639	14-16	CJ/PB	1	Clear	4oz	4°C	SO	AK102/103		7 day
05F52008	11TAKUB08185	Frankenstein	TA-TAC	580-29621	11TAKU-B08-TB04	B08-TB04	10/31/2011	800	-	CJ/PB	1	Amber	8oz	4°C, MeOH	SO	SW8260	TB	7 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO5-C04	B08-C04	10/6/2011	808	5	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO5-C04	B08-C04	10/6/2011	808	5	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO5-C04	B08-C04	10/6/2011	808	5	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day

Table B-1-1a
2011 Former Communications Site Construction Support Sample Summary - Area B08

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO7-C05	B08-C05	10/6/2011	817	7	CJ	1	clear	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO7-C05	B08-C05	10/6/2011	817	7	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO7-C05	B08-C05	10/6/2011	817	7	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO7-C06	B08-C06	10/6/2011	817	7	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471	DUP	3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO7-C06	B08-C06	10/6/2011	817	7	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471	DUP	3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO7-C06	B08-C06	10/6/2011	817	7	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260	DUP	3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO8-C07	B08-C07	10/6/2011	828	8	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO8-C07	B08-C07	10/6/2011	828	8	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO8-C07	B08-C07	10/6/2011	828	8	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO6-C08	B08-C08	10/6/2011	843	6	CJ	2	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471	MS/D	3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO6-C08	B08-C08	10/6/2011	843	6	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471	MS/D	3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO6-C08	B08-C08	10/6/2011	843	6	CJ	2	amber	4oz	4°C, MeOH	SO	AK101;SW8260	MS/D	3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO6-C09	B08-C09	10/6/2011	851	6	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO6-C09	B08-C09	10/6/2011	851	6	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO6-C09	B08-C09	10/6/2011	851	6	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C10	B08-C10	10/6/2011	1609	12	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C10	B08-C10	10/6/2011	1609	12	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C10	B08-C10	10/6/2011	1609	12	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C11	B08-C11	10/6/2011	1618	12	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C11	B08-C11	10/6/2011	1618	12	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C11	B08-C11	10/6/2011	1618	12	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C12	B08-C12	10/6/2011	1623	12	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C12	B08-C12	10/6/2011	1623	12	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C12	B08-C12	10/6/2011	1623	12	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C13	B08-C13	10/6/2011	1623	12	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471	DUP	3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C13	B08-C13	10/6/2011	1623	12	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471	DUP	3 day
05F52008	11TAKUB38169	Papaya	SGS	1118985	11TAKU-B08-SO12-C13	B08-C13	10/6/2011	1623	12	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260	DUP	3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO12-C14	B08-C14	10/6/2011	1629	12	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO12-C14	B08-C14	10/6/2011	1629	12	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO12-C14	B08-C14	10/6/2011	1629	12	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO8-C15	B08-C15	10/6/2011	1636	8	CJ	1	clear	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO8-C15	B08-C15	10/6/2011	1636	8	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO8-C15	B08-C15	10/6/2011	1636	8	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO9-C16	B08-C16	10/6/2011	1640	9	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO9-C16	B08-C16	10/6/2011	1640	9	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day

Table B-1-1a
2011 Former Communications Site Construction Support Sample Summary - Area B08

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO9-C16	B08-C16	10/6/2011	1640	9	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO6-C17	B08-C17	10/6/2011	1644	6	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO6-C17	B08-C17	10/6/2011	1644	6	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO6-C17	B08-C17	10/6/2011	1644	6	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO4-C18	B08-C18	10/6/2011	1647	4	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO4-C18	B08-C18	10/6/2011	1647	4	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO4-C18	B08-C18	10/6/2011	1647	4	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO1-C19	B08-C19	10/6/2011	1652	1	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO1-C19	B08-C19	10/6/2011	1652	1	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO1-C19	B08-C19	10/6/2011	1652	1	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO4-C20	B08-C20	10/6/2011	1656	4	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO4-C20	B08-C20	10/6/2011	1656	4	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO4-C20	B08-C20	10/6/2011	1656	4	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO5-C21	B08-C21	10/6/2011	1700	5	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO5-C21	B08-C21	10/6/2011	1700	5	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO5-C21	B08-C21	10/6/2011	1700	5	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO4-C22	B08-C22	10/6/2011	1706	4	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO4-C22	B08-C22	10/6/2011	1706	4	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO4-C22	B08-C22	10/6/2011	1706	4	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO2-C23	B08-C23	10/6/2011	1709	2	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO2-C23	B08-C23	10/6/2011	1709	2	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38170	Papaya	SGS	1118985	11TAKU-B08-SO2-C23	B08-C23	10/6/2011	1709	2	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38171	Papaya	SGS	1118985	11TAKU-B08-SO2-C24	B08-C24	10/6/2011	1714	2	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST/PAH SIM; SW6020/7471		3 day
05F52008	11TAKUB38171	Papaya	SGS	1118985	11TAKU-B08-SO2-C24	B08-C24	10/6/2011	1714	2	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB38171	Papaya	SGS	1118985	11TAKU-B08-SO2-C24	B08-C24	10/6/2011	1714	2	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38171	Papaya	SGS	1118985	11TAKU-B08-TB03	TB03	10/6/2011	800	-	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260	TB	3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-SO6-C01	B08-C01	9/19/2011	1620	6	CJ	1	clear	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-SO6-C01	B08-C01	9/19/2011	1620	6	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-SO6-C01	B08-C01	9/19/2011	1620	6	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-SO7-C02	B08-C02	9/19/2011	1630	7	CJ	1	clear	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-SO7-C02	B08-C02	9/19/2011	1630	7	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-SO7-C02	B08-C02	9/19/2011	1630	7	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-SO6-C03	B08-C03	9/20/2011	1150	6	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-SO6-C03	B08-C03	9/20/2011	1150	6	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-SO6-C03	B08-C03	9/20/2011	1150	-	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB0899	Strawberry	SGS	1118873	11TAKU-B08-TB02	B08-TB02	9/19/2011	800		CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260	TB	3 day
05F52008	11TAKUB0896	The Haven	TA-TAC	580-28577	11TAKU-B08-SO1-W01	B08-W01	9/8/2011	1259	1	CJ	1	amber	4oz	4°C	SO	SW8151		24 hr

Table B-1-1a
2011 Former Communications Site Construction Support Sample Summary - Area B08

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F52008	11TAKUB0896	The Haven	TA-TAC	580-28577	11TAKU-B08-SO2-W02	B08-W02	9/8/2011	1311	2	CJ	1	amber	4oz	4°C	SO	SW8151		24 hr
05F52008	11TAKUB0895	The Twelve	SGS	1118819	11TAKU-B08-SO1-W01	B08-W01	9/8/2011	1259	1	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB0895	The Twelve	SGS	1118819	11TAKU-B08-SO2-W02	B08-W02	9/8/2011	1311	2	CJ	1	amber	8oz	4°C	SO	AK102/103;SW8270; SW8270 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB0895	The Twelve	SGS	1118819	11TAKU-B08-SO2-W02	B08-W02	9/8/2011	1311	2	CJ	1	amber	4oz	4°C	SO	AK102/103;SW8270; SW8270 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB0895	The Twelve	SGS	1118819	11TAKU-B08-SO2-W02	B08-W02	9/8/2011	1311	2	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB0895	The Twelve	SGS	1118819	11TAKU-B08-TB01	B08-TB01	9/8/2011	800	-	CJ	1	amber	4oz	4°C, MeOH	SO	AK101;SW8260	TB	24 hr

Notes:
bgs = below ground surface
CoC = Chain of Custody
°C = degrees Celsius
QC = quality control sample
SDG = sample data group
SGS = SGS Environmental Services
SO = soil
TAT = turnaround time

Table B-1-1b
2011 Former Communications Site Construction Support Sample Summary - Area B24

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C01	B24-C01	8/6/2011	1120	3	KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C01	B24-C01	8/6/2011	1120	3	KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C02	B24-C02	8/6/2011	1125	3	KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C02	B24-C02	8/6/2011	1125	3	KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO4-C03	B24-C03	8/6/2011	1130	4	KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO4-C03	B24-C03	8/6/2011	1130	4	KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO4-C04	B24-C04	8/6/2011	1130	4	KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151	DUP	24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO4-C04	B24-C04	8/6/2011	1130	4	KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	DUP	24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C05	B24-C05	8/6/2011	1135	3	KT	3	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151	MSD	24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C05	B24-C05	8/6/2011	1135	3	KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	MSD	24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C06	B24-C06	8/6/2011	1140	3	KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C06	B24-C06	8/6/2011	1140	3	KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C07	B24-C07	8/6/2011	1145	3	KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-SO3-C07	B24-C07	8/6/2011	1145	3	KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB24084	Luscious	TA-TAC	580-27865	11TAKU-B24-TB01	TB01	8/6/2011	800	-	KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	TB	24 hr

Notes:
bgs = below ground surface
CoC = Chain of Custody
°C = degrees Celsius
QC = quality control sample
SDG = sample data group
SGS = SGS Environmental Services
SO = soil

Table B-1-1c
2011 Former Communications Site Construction Support Sample Summary - Area B27

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO01-C01	B27-C01	8/3/2011	1833	1	CJ	2	Amber	8 oz	4°C	SO	SW8270; SW8330; SW6020/7471		24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO01-C01	B27-C01	8/3/2011	1833	1	CJ	1	Amber	4 oz	4°C; MeOH	SO	SW8260		24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO04-C02	B27-C02	8/3/2011	1835	4	CJ	3	Amber	8 oz	4°C	SO	SW8270; SW8330; SW6020/7471	MS/D	24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO04-C02	B27-C02	8/3/2011	1835	4	CJ	1	Amber	4 oz	4°C; MeOH	SO	SW8260	MS/D	24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO04-C03	B27-C03	8/3/2011	1835	4	CJ	2	Amber	8 oz	4°C	SO	SW8270; SW8330; SW6020/7471	DUP	24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO04-C03	B27-C03	8/3/2011	1835	4	CJ	1	Amber	4 oz	4°C; MeOH	SO	SW8260	DUP	24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO04-C04	B27-C04	8/3/2011	1841	4	CJ	2	Amber	8 oz	4°C	SO	SW8270; SW8330; SW6020/7471		24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO04-C04	B27-C04	8/3/2011	1841	4	CJ	1	Amber	4 oz	4°C; MeOH	SO	SW8260		24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO02-C05	B27-C05	8/3/2011	1844	2	CJ	2	Amber	8 oz	4°C	SO	SW8270; SW8330; SW6020/7471		24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO02-C05	B27-C05	8/3/2011	1844	2	CJ	1	Amber	4 oz	4°C; MeOH	SO	SW8260		24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO03-C06	B27-C06	8/3/2011	1848	3	CJ	2	Amber	8 oz	4°C	SO	SW8270; SW8330; SW6020/7471		24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-SO03-C06	B27-C06	8/3/2011	1848	3	CJ	1	Amber	4 oz	4°C; MeOH	SO	SW8260		24 hr
05F50701	11FWATAKU083	Hard Hat	TA-TAC	580-27820	11TAKU-B27-TB07	B27-TB07	8/3/2011	800	-	CJ	1	Amber	4 oz	4°C; MeOH	SO	SW8260	TB	24 hr

Notes:

bgs = below ground surface
CoC = Chain of Custody
°C = degrees Celsius
QC = quality control sample
SDG = sample data group
SGS = SGS Environmental Services
SO = soil
TAT = turnaround time

Table B-1-1d
2011 Former Communications Site Construction Support Sample Summary - Area B38

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F52008	11TAKUB08100	Apple	TA-TAC	580-28771	11TAKU-B38-SO3-C01	B38-C01	9/20/2011	1625	3	CJ	4	amber	4oz	4°C	SO	SW8151; SW8082	MS/D	3 day
05F52008	11TAKUB08100	Apple	TA-TAC	580-28771	11TAKU-B38-SO3-C02	B38-C02	9/20/2011	1625	3	CJ	2	amber	4oz	4°C	SO	SW8151; SW8082	DUP	3 day
05F52008	11TAKUB08100	Apple	TA-TAC	580-28771	11TAKU-B38-SO1-C03	B38-C03	9/20/2011	1635	1	CJ	2	amber	4oz	4°C	SO	SW8151; SW8082		3 day
05F52008	11TAKUB08100	Apple	TA-TAC	580-28771	11TAKU-B38-SO2-C04	B38-C04	9/20/2011	1641	2	CJ	2	amber	4oz	4°C	SO	SW8151; SW8082		3 day
05F50701	11TAKUB3898	Banana	TA-TAC	580-28623	11TAKU-B38-SO1-W01	B38-W01	9/10/2011	1232	1	CJ	1	amber	4oz	4°C	SO	SW8151		24 hr
05F50701	11TAKUB3898	Banana	TA-TAC	580-28623	11TAKU-B38-SO1-W01	B38-W01	9/10/2011	1232	1	CJ	1	amber	4oz	4°C	SO	SW8151		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO1-C05	B38-C05	9/28/2011	1152	1	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO1-C05	B38-C05	9/28/2011	1152	1	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO1-C05	B38-C05	9/28/2011	1152	1	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO1-C06	B38-C06	9/28/2011	1204	1	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO1-C06	B38-C06	9/28/2011	1204	1	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO1-C06	B38-C06	9/28/2011	1204	1	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO2-C07	B38-C07	9/28/2011	1208	2	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO2-C07	B38-C07	9/28/2011	1208	2	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO2-C07	B38-C07	9/28/2011	1208	2	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO2-C08	B38-C08	9/28/2011	1212	2	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO2-C08	B38-C08	9/28/2011	1212	2	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO2-C08	B38-C08	9/28/2011	1212	2	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO2-C09	B38-C09	9/28/2011	1357	2	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO2-C09	B38-C09	9/28/2011	1357	2	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO2-C09	B38-C09	9/28/2011	1357	2	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO3-C10	B38-C10	9/28/2011	1401	3	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO3-C10	B38-C10	9/28/2011	1401	3	CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO3-C10	B38-C10	9/28/2011	1401	3	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C11	B38-C11	9/28/2011	1405	4	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C11	B38-C11	9/28/2011	1405	4	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C11	B38-C11	9/28/2011	1405	4	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr

Table B-1-1d
2011 Former Communications Site Construction Support Sample Summary - Area B38

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C12	B38-C12	9/28/2011	1412	4	CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471	MS/D	24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C12	B38-C12	9/28/2011	1412	4	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C12	B38-C12	9/28/2011	1412	4	CJ	2	amber	4oz	4°C; MeOH	SO	AK101;SW8260	MS/D	24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C13	B38-C13	9/28/2011	1419	4	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C13	B38-C13	9/28/2011	1419	4	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C13	B38-C13	9/28/2011	1419	4	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C14	B38-C14	9/28/2011	1419	4	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471	DUP	24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C14	B38-C14	9/28/2011	1419	4	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471	DUP	24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C14	B38-C14	9/28/2011	1419	4	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260	DUP	24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C15	B38-C15	9/28/2011	1424	4	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C15	B38-C15	9/28/2011	1424	4	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-SO4-C15	B38-C15	9/28/2011	1424	4	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F52008	11TAKUB38102	Mango	SGS	1118927	11TAKU-B38-TB03	TB03	9/28/2011	800	-	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260	TB	24 hr
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO3-C01	B38-C01	9/20/2011	1625	3	CJ	2	clear	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471	MS/D	3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO3-C01	B38-C01	9/20/2011	1625	3	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO3-C01	B38-C01	9/20/2011	1625	3	CJ	2	amber	4oz	4°C; MeOH	SO	AK101;SW8260	MS/D	3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO3-C02	B38-C02	9/20/2011	1625	3	CJ	1	clear	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471	DUP	3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO3-C02	B38-C02	9/20/2011	1625	3	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471	DUP	3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO3-C02	B38-C02	9/20/2011	1625	3	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260	DUP	3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO1-C03	B38-C03	9/20/2011	1635	1	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO1-C03	B38-C03	9/20/2011	1635	1	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO1-C03	B38-C03	9/20/2011	1635	1	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO2-C04	B38-C04	9/20/2011	1641	2	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO2-C04	B38-C04	9/20/2011	1641	2	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		3 day

Table B-1-1d
2011 Former Communications Site Construction Support Sample Summary - Area B38

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-SO2-C04	B38-C04	9/20/2011	1641	2	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		3 day
05F52008	11TAKUB38101	Orange	SGS	1118887	11TAKU-B38-TB02	B38-TB02	9/20/2011	800	-	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260	TB	3 day
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO1-C05	B38-C05	9/28/2011	1152	1	CJ	1	amber	8oz	4°C	SO	SW8151; SW8082		24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO1-C06	B38-C06	9/28/2011	1204	1	CJ	1	amber	8oz	4°C	SO	SW8151; SW8082		24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO2-C07	B38-C07	9/28/2011	1208	2	CJ	1	amber	8oz	4°C	SO	SW8151; SW8082		24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO2-C08	B38-C08	9/28/2011	1212	2	CJ	1	amber	8oz	4°C	SO	SW8151; SW8082		24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO2-C09	B38-C09	9/28/2011	1357	2	CJ	1	amber	8oz	4°C	SO	SW8151; SW8082		24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO3-C10	B38-C10	9/28/2011	1401	3	CJ	1	amber	4oz	4°C	SO	SW8151; SW8082		24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO4-C11	B38-C11	9/28/2011	1405	4	CJ	1	amber	8oz	4°C	SO	SW8151; SW8082		24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO4-C12	B38-C12	9/28/2011	1412	4	CJ	2	amber	8oz	4°C	SO	SW8151; SW8082	MS/D	24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO4-C13	B38-C13	9/28/2011	1419	4	CJ	1	amber	8oz	4°C	SO	SW8151; SW8082		24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO4-C14	B38-C14	9/28/2011	1419	4	CJ	1	amber	8oz	4°C	SO	SW8151; SW8082	DUP	24 hr
05F52008	11TAKUB38103	Pear	TA-TAC	580-28998	11TAKU-B38-SO4-C15	B38-C15	9/28/2011	1424	4	CJ	1	amber	8oz	4°C	SO	SW8151; SW8082		24 hr
05F50701	11TAKUB3897	Surprise!	SGS	1118828	11TAKU-B38-SO1-W01	B38-W01	9/10/2011	1232	1	CJ	1	amber	8oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F50701	11TAKUB3897	Surprise!	SGS	1118828	11TAKU-B38-SO1-W01	B38-W01	9/10/2011	1232	1	CJ	1	amber	4oz	4°C	SO	AK102/103; SW8270; SW8720 PEST SIM; SW6020/7471		24 hr
05F50701	11TAKUB3897	Surprise!	SGS	1118828	11TAKU-B38-SO1-W01	B38-W01	9/10/2011	1232	1	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260		24 hr
05F50701	11TAKUB3897	Surprise!	SGS	1118828	11TAKU-B38-TB01	B38-TB01	9/10/2011	800	-	CJ	1	amber	4oz	4°C; MeOH	SO	AK101;SW8260	TB	24 hr

Notes:
bgs = below ground surface
CoC = Chain of Custody
°C = degrees Celsius
QC = quality control sample
SDG = sample data group
SGS = SGS Environmental Services
SO = soil
TAT = turnaround time

Table B-1-1e
2011 Former Communications Site Construction Support Sample Summary - Area B42

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11FWATAKU082	Boots	TA-TAC	580-27675	11FWA-TAKU-WX02	B42-WX02	7/28/2011	1555		CJ/DH/JY	2	Amber	8oz	4°C	SO	SW8081; SW8151; SW8082; SW8270; SW8270 SIM		24 hr
05F50701	11FWATAKU082	Boots	TA-TAC	580-27675	11FWA-TAKU-WX02	B42-WX02	7/28/2011	1555		CJ/DH/JY	1	Amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11FWATAKU082	Boots	TA-TAC	580-27675	11FWA-TAKU-WX03	B42-WX03	7/28/2011	1557		CJ/DH/JY	2	Amber	8oz	4°C	SO	SW8081; SW8151; SW8082; SW8270; SW8270 SIM		24 hr
05F50701	11FWATAKU082	Boots	TA-TAC	580-27675	11FWA-TAKU-WX03	B42-WX03	7/28/2011	1557		CJ/DH/JY	1	Amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11FWATAKU082	Boots	TA-TAC	580-27675	11FWA-TAKU-TB06	TB06	7/28/2011	1550		CJ/DH/JY	1	Amber	4oz	4°C; MeOH	SO	AK101; SW8260	TB	24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO2-C13	B42-C13	8/6/2011	1218	2	CJ/DH/KT	3	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151	MS/D	24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO2-C14	B42-C14	8/6/2011	1225	2	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO5-C15	B42-C15	8/6/2011	1229	5	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO5-C16	B42-C16	8/6/2011	1229	5	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151	DUP	24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO6-C17	B42-C17	8/6/2011	1236	6	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO5-C18	B42-C18	8/6/2011	1239	5	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO3-C19	B42-C19	8/6/2011	1243	3	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO1-C20	B42-C20	8/6/2011	1245	1	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO1-C21	B42-C21	8/6/2011	1249	1	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO1-C22	B42-C22	8/6/2011	1208	1	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151	DUP	24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO2-C23	B42-C23	8/6/2011	1254	2	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO2-C24	B42-C24	8/6/2011	1254	2	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151	DUP	24 hr

Table B-1-1e
2011 Former Communications Site Construction Support Sample Summary - Area B42

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11TAKUB42088	der Wahnsinn	TA-TAC	580-27869	11TAKU-B42-SO2-C25	B42-C25	8/6/2011	1303	2	CJ/KT/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C01	B42-C01	8/6/2011	1135	1	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C02	B42-C02	8/6/2011	1138	1	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C03	B42-C03	8/6/2011	1142	1	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO2-C04	B42-C04	8/6/2011	1145	2	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C05	B42-C05	8/6/2011	1149	1	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C06	B42-C06	8/6/2011	1151	1	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C07	B42-C07	8/6/2011	1155	1	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C08	B42-C08	8/6/2011	1158	1	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C09	B42-C09	8/6/2011	1201	1	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C10	B42-C10	8/6/2011	1204	1	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO1-C11	B42-C11	8/6/2011	1208	1	CJ/DH/KT	3	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151	MS/D	24 hr
05F50701	11TAKUB42087	Folie	TA-TAC	580-27869	11TAKU-B42-SO2-C12	B42-C12	8/6/2011	1215	2	CJ/DH/KT	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW6020/7471; SW8151		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C01	B42-C01	8/6/2011	1135	1	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C02	B42-C02	8/6/2011	1138	1	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C03	B42-C03	8/6/2011	1142	1	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO2-C04	B42-C04	8/6/2011	1145	2	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C05	B42-C05	8/6/2011	1149	1	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr

Table B-1-1e

2011 Former Communications Site Construction Support Sample Summary - Area B42

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C06	B42-C06	8/6/2011	1151	1	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C07	B42-C07	8/6/2011	1155	1	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C08	B42-C08	8/6/2011	1158	1	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C09	B42-C09	8/6/2011	1201	1	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C10	B42-C10	8/6/2011	1204	1	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C11	B42-C11	8/6/2011	1208	1	CJ/DH/KT	2	amber	4oz	4°C; MeOH	SO	AK101; SW8260	MS/D	24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO2-C12	B42-C12	8/6/2011	1215	2	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO2-C14	B42-C14	8/6/2011	1225	2	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO5-C15	B42-C15	8/6/2011	1229	5	CJ/DH/KT	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO5-C16	B42-C16	8/6/2011	1229	5	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	DUP	24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO6-C17	B42-C17	8/6/2011	1236	6	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO5-C18	B42-C18	8/6/2011	1239	5	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO3-C19	B42-C19	8/6/2011	1243	3	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C20	B42-C20	8/6/2011	1245	1	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42085	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C21	B42-C21	8/6/2011	1249	1	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42086	Insanity/Locura	SGS	1118627	11TAKU-B42-TB01	TB01	8/6/2011	800	-	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42086	Insanity/Locura	SGS	1118627	11TAKU-B42-SO2-C13	B42-C13	8/6/2011	1218	2	CJ/DH/KT	2	amber	4oz	4°C; MeOH	SO	AK101; SW8260	MS/D	24 hr
05F50701	11TAKUB42086	Insanity/Locura	SGS	1118627	11TAKU-B42-SO1-C22	B42-C22	8/6/2011	1208	1	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	DUP	24 hr
05F50701	11TAKUB42086	Insanity/Locura	SGS	1118627	11TAKU-B42-SO2-C23	B42-C23	8/6/2011	1254	2	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42086	Insanity/Locura	SGS	1118627	11TAKU-B42-SO2-C24	B42-C24	8/6/2011	1254	2	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	DUP	24 hr
05F50701	11TAKUB42086	Insanity/Locura	SGS	1118627	11TAKU-B42-SO2-C25	B42-C25	8/6/2011	1303	2	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB42086	Insanity/Locura	SGS	1118627	11TAKU-B42-TB02	TB02	8/6/2011	815	-	CJ/KT/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr

Notes:

bgs = below ground surface

CoC = Chain of Custody

°C = degrees Celsius

QC = quality control sample

SDG = sample data group

SGS = SGS Environmental Services

SO = soil

TAT = turnaround time

Table B-1-1f
2011 Former Communications Site Construction Support Sample Summary - Area B48

Project ID	CoC Number	Cooler ID	Laboratory ID	Laboratory SDG	Sample ID	Locatio ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO10-C01	B48-C01	8/6/2011	1735	10	KT/CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO10-C01	B48-C01	8/6/2011	1735	10	KT/CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO10-C02	B48-C02	8/6/2011	1740	10	KT/CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO10-C02	B48-C02	8/6/2011	1740	10	KT/CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO10-C03	B48-C03	8/6/2011	1740	10	KT/CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471	DUP	24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO10-C03	B48-C03	8/6/2011	1740	10	KT/CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	DUP	24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO8-C04	B48-C04	8/6/2011	1745	8	KT/CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO8-C04	B48-C04	8/6/2011	1745	8	KT/CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO8-C05	B48-C05	8/6/2011	1748	8	KT/CJ	3	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471	MS/D	24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO8-C05	B48-C05	8/6/2011	1748	8	KT/CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	MS/D	24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO8-C06	B48-C06	8/6/2011	1750	8	KT/CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO8-C06	B48-C06	8/6/2011	1750	8	KT/CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO8-C07	B48-C07	8/6/2011	1755	8	KT/CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-SO8-C07	B48-C07	8/6/2011	1755	8	KT/CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB48089	maleid	TA-TAC	580-27870	11TAKU-B48-TB01	TB01	8/6/2011	800	-	KT/CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	TB	24 hr

Notes:
bgs = below ground surface
CoC = Chain of Custody
°C = degrees Celsius
QC = quality control sample
SDG = sample data group
SGS = SGS Environmental Services
SO = soil
TAT = turnaround time

Table B-1-1g
2011 Former Communications Site Construction Support Sample Summary - Area B49

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO10-C01	B49-C01	8/16/2011	1515	10	CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270 SIM PAH SW8081; SW8151; SW6020/7471; SW8015		7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO10-C01	B49-C01	8/15/2011	1515	10	CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO10-C02	B49-C02	8/16/2011	1522	10	CJ	3	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270 SIM PAH SW8081; SW8151; SW6020/7471; SW8015	MS/D	7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO10-C02	B49-C02	8/16/2011	1522	10	CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	MS/D	7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO10-C03	B49-C03	8/16/2011	1522	10	CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270 SIM PAH SW8081; SW8151; SW6020/7471; SW8015	DUP	7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO10-C03	B49-C03	8/16/2011	1522	10	CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	DUP	7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO9-C04	B49-C04	8/16/2011	1525	9	CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270 SIM PAH SW8081; SW8151; SW6020/7471; SW8015		7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO9-C04	B49-C04	8/16/2011	1525	9	CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO9-C05	B49-C05	8/16/2011	1530	9	CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270 SIM PAH SW8081; SW8151; SW6020/7471; SW8015		7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO9-C05	B49-C05	8/16/2011	1530	9	CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO9-C06	B49-C06	8/16/2011	1534	9	CJ	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270 SIM PAH SW8081; SW8151; SW6020/7471; SW8015		7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-SO9-C06	B49-C06	8/16/2011	1534	9	CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11TAKUB49091	man hole	TA-TAC	580-28045	11TAKU-B49-TB02	B49-TB	8/16/2011	800	-	CJ	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	TB	7 day
05F50701	11TAKUB49090	sickeningly sweet	TA-TAC/TA-SAC	580-28021/ G1H170431	11TAKU-B49-SO-W01	B49-W01	8/15/2011	845		KT/CJ/DH/ PB	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270 SIM PAH SW8081; SW8151; SW6020/7471; SW8015		24 hr
05F50701	11TAKUB49090	sickeningly sweet	TA-TAC/TA-SAC	580-28021/ G1H170431	11TAKU-B49-SO-W01	B49-W01	8/15/2011	845		KT/CJ/DH/ PB	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr
05F50701	11TAKUB49090	sickeningly sweet	TA-TAC/TA-SAC	580-28021/ G1H170431	11TAKU-B49-SO-W02	B49-W02	8/15/2011	848		KT/CJ/DH/ PB	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270 SIM PAH SW8081; SW8151; SW6020/7471; SW8015		24 hr
05F50701	11TAKUB49090	sickeningly sweet	TA-TAC/TA-SAC	580-28021/ G1H170431	11TAKU-B49-SO-W02	B49-W02	8/15/2011	848		KT/CJ/DH/ PB	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		24 hr

Notes:
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°C = degrees Celsius
QC = quality control sample
SDG = sample data group
SGS = SGS Environmental Services
SO = soil
TAT = turnaround time

Table B-1-1h
2011 Former Communications Site Construction Support Sample Summary - FCS Hotspot MW62

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sample Depth (feet bgs)	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO05-C01	MW62-C01	6/28/2011	1435	5	CJ/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO05-C01	MW62-C01	6/28/2011	1435	5	CJ/DH	2	amber	4oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C02	MW62-C02	6/28/2011	1438	3	CJ/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C02	MW62-C02	6/28/2011	1438	3	CJ/DH	2	amber	4oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C03	MW62-C03	6/28/2011	1444	3	CJ/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	MS/D	3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C03	MW62-C03	6/28/2011	1444	3	CJ/DH	3	amber	4oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471	MS/D	3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C04	MW62-C04	6/28/2011	1444	3	CJ/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	DUP	3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C04	MW62-C04	6/28/2011	1444	3	CJ/DH	2	amber	4oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471	DUP	3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO05-C05	MW62-C05	6/28/2011	1447	5	CJ/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO05-C05	MW62-C05	6/28/2011	1447	5	CJ/DH	2	amber	4oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C06	MW62-C06	6/28/2011	1456	3	CJ/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C06	MW62-C06	6/28/2011	1456	3	CJ/DH	2	amber	4oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C07	MW62-C07	6/28/2011	1500	3	CJ/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO03-C07	MW62-C07	6/28/2011	1500	3	CJ/DH	2	clear	4oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		3 day
05F50701	11FWATAKU007	Raincoat	TA-TAC	580-27099	11FWA-TAKU-SO-TB01	TB	6/28/2011	800	-	CJ/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	TB	3 day

Notes:
bgs = below ground surface
CoC = Chain of Custody
°C = degrees Celsius
QC = quality control sample
SDG = sample data group
SGS = SGS Environmental Services
SO = soil
TAT = turnaround time

Table B-1-1i
2011 Former Communications Site Construction Support Sample Summary - Sewage Lift Station

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11FWATAKU076	Komondor	TA-TAC	580-27548	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	2	amber	1L	4°C, HCL	WX	AK102/103		24 hr
05F50701	11FWATAKU076	Komondor	TA-TAC	580-27548	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	2	amber	1L	4°C	WX	SW8081; SW8151; SW8082; SW8270; SW8270 SIM; SW8330		24 hr
05F50701	11FWATAKU076	Komondor	TA-TAC	580-27548	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	1	poly	500mL	HNO3	WX	SW6010/6020/7470		24 hr
05F50701	11FWATAKU077	American Eskimo Dog	TA-TAC	580-27548	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WX	AK101; SW8260; SW8260 LL		24 hr
05F50701	11FWATAKU077	American Eskimo Dog	TA-TAC	580-27548	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	3	VOA	40mL	4°C	WX	SW8015 Propylene and Ethylene Glycol		24 hr
05F50701	11FWATAKU077	American Eskimo Dog	TA-TAC	580-27548	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	2	amber	1L	4°C	WX	SW8081; SW8151; SW8082; SW8270; SW8270 SIM; SW8330		24 hr
05F50701	11FWATAKU081	Blood Hound	TA-TAC	580-27548	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	8	amber	1L	4°C	WX	SW8081; SW8151; SW8082; SW8270; SW8270 SIM; SW8330		24 hr
05F50701	11FWATAKU077	American Eskimo Dog	TA-TAC	580-27574	11FWATB05-GWS	TB05	7/20/2011	800	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL	TB	30 Day

Notes:
bgs = below ground surface
CoC = Chain of Custody
°C = degrees Celsius
QC = quality control sample
SDG = sample data group
SGS = SGS Environmental Services
SO = soil
TAT = turnaround time

Table B-1-1j
2011 Former Communications Site Construction Support Sample Summary - Waste

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-B48-SO-W01	B48-SS05	8/20/2011	1205	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-B48-SO-W01	B48-SS05	8/20/2011	1205	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-MW62-SO-W01	MW62-SS14	8/20/2011	1045	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-MW62-SO-W01	MW62-SS14	8/20/2011	1045	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-MW62-SO-W02	MW62-SS28	8/20/2011	1045	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-MW62-SO-W02	MW62-SS28	8/20/2011	1045	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-B24-SO-W01	B24-SS07	8/20/2011	1205	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471/TCLP Pb added 9/01/11		7 day
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-B24-SO-W01	B24-SS07	8/20/2011	1205	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-B24-SO-W02	B24-SS11	8/20/2011	1215	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU092	roll the dice	TA-TAC	580-28179	11TAKU-B24-SO-W02	B24-SS11	8/20/2011	1215	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU092	roll the dice	TA-SAC	580-28179	Trip Blank	TB	8/20/2011	800	CJ/DH/PB	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	TB	7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B42-SO-W01	B42-W01	8/24/2011	1132	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B42-SO-W01	B42-W01	8/24/2011	1132	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B42-SO-W02	B42-W02	8/24/2011	1137	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B42-SO-W02	B42-W02	8/24/2011	1137	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B42-SO-W03	B42-W03	8/24/2011	1132	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B42-SO-W03	B42-W03	8/24/2011	1132	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B42-SO-W04	B42-W04	8/24/2011	1137	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B42-SO-W04	B42-W04	8/24/2011	1137	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B49-SOW03	B49-W03	8/24/2011	1225	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B49-SOW03	B49-W03	8/24/2011	1225	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day

Table B-1-1j
2011 Former Communications Site Construction Support Sample Summary - Waste

Project ID	CoC Number	Cooler ID	Laboratory	Laboratory SDG	Sample ID	Location ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC	TAT
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B49-SOW04	B49-W04	8/24/2011	1230	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103; SW8270; SW8270SIM PAH; SW8082; SW8081; SW8151; SW6020/7471		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B49-SOW04	B49-W04	8/24/2011	1230	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU093WASTE	speedy	TA-TAC	580-28262	11TAKU-B49-TB03	B49-TB03	8/24/2011	800	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	TB	7 day
05F50701	11FWATAKU094WASTE	subs	SGS	1118745	11TAKU-B27-SO-W01	B27-W01	8/24/2011	1705	CJ/PB/DH	2	amber	8oz	4°C	SO	AK102/103;SW8270; SW8330; SW6020/7471; SW8081		7 day
05F50701	11FWATAKU094WASTE	subs	SGS	1118745	11TAKU-B27-SO-W01	B27-W01	8/24/2011	1705	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260		7 day
05F50701	11FWATAKU094WASTE	subs	SGS	1118745	11TAKU-B27-SO-TB01	B27-TB01	8/24/2011	800	CJ/PB/DH	1	amber	4oz	4°C; MeOH	SO	AK101; SW8260	TB	7 day

Notes:

bgs = below ground surface
CoC = Chain of Custody
°C = degrees Celsius
QC = quality control sample
SDG = sample data group
SGS = SGS Environmental Services
SO = soil
TAT = turnaround time

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C01	B08-C01	B08-C01	B08-C02	B08-C02	B08-C02
					Sample ID:	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02
					Lab Sample ID:	1118873001	28771-1	28771-1	1118873002	28771-2	28771-2
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/19/2011 1620	9/19/2011 1620	9/19/2011 1620	9/19/2011 1630	9/19/2011 1630	9/19/2011 1630
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	-	-	-	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	-	-	-	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	-	-	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	-	-	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	-	-	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	-	-	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	-	-	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	-	-	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	-	-	-	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	-	-	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	-	-	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	-	-	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	-	-	-	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	-	-	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	-	-	-	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	-	-	-	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	-	-	-	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	-	-	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	79 [6.18] JS+	-	-	15.9 [7.6]	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	**31900 [2050]**	-	-	**13500 [1070]**	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	1280 [410]	-	-	264 [213]	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	*ND [0.372] E*	-	-	*ND [0.133] E*	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.0372]	-	-	ND [0.0133]	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	*ND [0.282] E*	-	-	*ND [0.101] E*	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	*ND [0.282] E*	-	-	*ND [0.101] E*	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	*ND [0.282] E*	-	-	*ND [0.101] E*	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.282]	-	-	ND [0.101]	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.0372]	-	-	ND [0.0133]	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	ND [0.0372]	-	-	ND [0.0133]	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.282]	-	-	ND [0.101]	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.282]	-	-	ND [0.101]	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.0898]	-	-	ND [0.032]	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	ND [0.898]	-	-	ND [0.32]	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	*ND [0.282] E*	-	-	*ND [0.101] E*	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	*ND [0.0372] E*	-	-	*ND [0.0133] E*	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.0372]	-	-	ND [0.0133]	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.0372]	-	-	ND [0.0133]	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.0372]	-	-	ND [0.0133]	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.372]	-	-	ND [0.133]	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.0372]	-	-	ND [0.0133]	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	*ND [0.372] E*	-	-	ND [0.133]	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [1.86]	-	-	ND [0.664]	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.282]	-	-	ND [0.101]	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	8.21 [0.212]	-	-	7.68 [0.205]	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.107 [0.106]	-	-	0.081 [0.102] J	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**14.6 [1.06]**	-	-	**10.9 [1.02]**	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	130 [0.317]	-	-	119 [0.307]	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.236 [0.212]	-	-	0.214 [0.205]	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	21.4 [0.423]	-	-	20.4 [0.409]	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.534 [0.529]	-	-	0.448 [0.512] J	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.014 [0.0424] J	-	-	0.0129 [0.0425] J	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	ND [0.0053]	-	-	ND [0.0051]

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C01	B08-C01	B08-C01	B08-C02	B08-C02	B08-C02
					Sample ID:	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02
					Lab Sample ID:	1118873001	28771-1	28771-1	1118873002	28771-2	28771-2
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/19/2011 1620	9/19/2011 1620	9/19/2011 1620	9/19/2011 1630	9/19/2011 1630	9/19/2011 1630
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	ND [0.0053]	-	-	ND [0.0051]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	ND [0.0084]	-	-	ND [0.0081]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	ND [0.0084]	-	-	ND [0.0081]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	ND [0.0032]	-	-	ND [0.0031]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	ND [0.0053]	-	-	ND [0.0051]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	ND [0.0053]	-	-	ND [0.0051]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	ND [0.0035]	-	-	ND [0.0035]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-	ND [0.0035]	-	-	ND [0.0035]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-	ND [0.0071]	-	-	ND [0.007]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-	ND [0.014]	-	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	ND [0.0071]	-	-	ND [0.007]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-	ND [0.0035]	-	-	ND [0.0035]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-	ND [0.0035]	-	-	ND [0.0035]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-	ND [0.0035]	-	-	ND [0.0035]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-	ND [0.0035]	-	-	ND [0.0035]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-	ND [0.0035]	-	-	ND [0.0035]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-	ND [0.0035]	-	-	ND [0.0035]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-	ND [0.0035]	-	-	ND [0.0035]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	2.67 [0.618]	-	-	0.274 [0.38] J	-	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [3.86]	-	-	ND [2.38]	-	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.742]	-	-	ND [0.456]	-	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	5.29 [0.618]	-	-	0.122 [0.38] J	-	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	*ND [0.193] E*	-	-	*ND [0.119] E*	-	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [1.53]	-	-	ND [0.942]	-	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	0.729 [0.618]	-	-	ND [0.238]	-	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	*ND [0.386] E*	-	-	ND [0.238]	-	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	*ND [0.386] E*	-	-	ND [0.238]	-	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	*ND [1.53] E*	-	-	ND [0.942]	-	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [3.86]	-	-	ND [2.38]	-	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [3.86]	-	-	ND [2.38]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C01	B08-C01	B08-C01	B08-C02	B08-C02	B08-C02
					Sample ID:	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02
					Lab Sample ID:	1118873001	28771-1	28771-1	1118873002	28771-2	28771-2
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/19/2011 1620	9/19/2011 1620	9/19/2011 1620	9/19/2011 1630	9/19/2011 1630	9/19/2011 1630
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	*ND [0.193] E*	-	-	*ND [0.119] E*	-	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [3.06] E*	-	-	*ND [1.89] E*	-	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [3.06]	-	-	ND [1.89]	-	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [1.53] E*	-	-	*ND [0.942] E*	-	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [1.53]	-	-	ND [0.942]	-	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	*ND [0.386] E*	-	-	ND [0.238]	-	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.742]	-	-	ND [0.456]	-	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.742]	-	-	ND [0.456]	-	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [3.86]	-	-	ND [2.38]	-	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	*ND [0.193] E*	-	-	*ND [0.119] E*	-	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.742] E*	-	-	*ND [0.456] E*	-	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.742]	-	-	ND [0.456]	-	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [0.742] E*	-	-	*ND [0.456] E*	-	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	0.932 [1.24] J	-	-	ND [0.456]	-	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	0.58 [1.24] J	-	-	ND [0.456]	-	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [1.53]	-	-	ND [0.942]	-	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.386] E*	-	-	*ND [0.238] E*	-	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	0.556 [0.618] J	-	-	0.205 [0.38] J	-	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.386]	-	-	ND [0.238]	-	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	5.97 [0.618]	-	-	0.392 [0.38]	-	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [17.2]	-	-	ND [9.96]	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [5.68]	-	-	ND [3.28]	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	*ND [5.68] E*	-	-	*ND [3.28] E*	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [2.74] E*	-	-	*ND [1.59] E*	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [2.74]	-	-	ND [1.59]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C01	B08-C01	B08-C01	B08-C02	B08-C02	B08-C02
					Sample ID:	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02
					Lab Sample ID:	1118873001	28771-1	28771-1	1118873002	28771-2	28771-2
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/19/2011 1620	9/19/2011 1620	9/19/2011 1620	9/19/2011 1630	9/19/2011 1630	9/19/2011 1630
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	*ND [1.43] E*	-	-	ND [0.826]	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	*ND [1.43] E*	-	-	ND [0.826]	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	2.77 [2.29]	-	-	ND [0.826]	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [17.2] E*	-	-	*ND [9.96] E*	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [11.4]	-	-	ND [6.56]	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [11.4]	-	-	ND [6.56]	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [13.7] R	-	-	ND [7.94] R	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	*ND [3.66] E*	-	-	*ND [2.12] E*	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	6.41 [2.29]	-	-	1.28 [1.32] J	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [11.4] E*	-	-	*ND [6.56] E*	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	*ND [1.43] E*	-	-	ND [0.826]	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	3.91 [2.29]	-	-	ND [0.826]	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [1.43]	-	-	ND [0.826]	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [1.43] E*	-	-	*ND [0.826] E*	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C01	B08-C01	B08-C01	B08-C02	B08-C02	B08-C02
					Sample ID:	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO6-C01	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02
					Lab Sample ID:	1118873001	28771-1	28771-1	1118873002	28771-2	28771-2
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/19/2011 1620	9/19/2011 1620	9/19/2011 1620	9/19/2011 1630	9/19/2011 1630	9/19/2011 1630
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [2.74]	-	-	ND [1.59]	-	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	ND [0.031] JH	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	*ND [0.031] JH,E*	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	ND [0.031] JH	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	*ND [0.031] JH,E*	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	ND [0.031] JH	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	*ND [0.061] JH,E*	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	ND [0.031] JH	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	*ND [0.061] JH,E*	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	*ND [0.031] JH,E*	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	ND [0.031] JH	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	ND [0.061] JH	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	ND [0.061] JH	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	*ND [0.031] JH,E*	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	ND [0.061] JH	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	ND [0.43]	-	-	ND [0.088]	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.43] E*	-	-	*ND [0.088] E*	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	*ND [0.43] E*	-	-	*ND [0.088] E*	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	*ND [0.43] E*	-	-	*ND [0.088] E*	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	0.63 [1.2] J	-	-	ND [0.088]	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	*ND [0.43] E*	-	-	**2.5 [0.25] JS+**	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	ND [0.43]	-	-	1.9 [0.49] JS+	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.43] E*	-	-	*ND [0.088] E*	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	*ND [0.43] E*	-	-	*ND [0.088] E*	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.43] E*	-	-	ND [0.088]	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	ND [0.43]	-	-	ND [0.088]	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	ND [0.43]	-	-	ND [0.088]	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	*ND [0.43] E*	-	-	*ND [0.088] E*	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	*ND [0.87] E*	-	-	ND [0.18]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C03	B08-C03	B08-C03	B08-C04	B08-C04	B08-C04
					Sample ID:	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04
					Lab Sample ID:	1118873003	28771-3	28771-3	1118985001	29176-1	29176-1
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1150	9/20/2011 1150	9/20/2011 1150	10/6/2011 0808	10/6/2011 0808	10/6/2011 0808
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	-	-	ND [0.0036]	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	-	-	ND [0.0036]	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	-	ND [0.0036]	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	-	ND [0.0036]	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	-	ND [0.0036]	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	-	ND [0.0036]	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	-	ND [0.0036]	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	-	ND [0.0036]	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	-	-	ND [0.0036]	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	-	ND [0.0036]	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	-	ND [0.0036]	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	-	ND [0.0036]	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	-	-	ND [0.0036]	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	-	ND [0.0036]	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	-	-	ND [0.0036]	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	-	-	ND [0.0036]	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	-	-	ND [0.0036]	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	-	ND [0.0036]	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	0.848 [2.79] J	-	-	ND [3.2]	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [12.3]	-	-	8.45 [23.6] J	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	ND [12.3]	-	-	11.2 [23.6] J	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.0009]	-	-	ND [0.0011]	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.0009]	-	-	ND [0.0011]	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.0009]	-	-	ND [0.0011]	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.0009]	-	-	ND [0.0011]	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.0009]	-	-	ND [0.0011]	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.0009]	-	-	ND [0.0011]	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.003]	-	-	ND [0.0036]	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	ND [0.0298]	-	-	ND [0.0356]	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.0009]	-	-	ND [0.0011]	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.0012]	-	-	ND [0.0015]	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.0614]	-	-	ND [0.0734]	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.0009]	-	-	ND [0.0011]	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	2.35 [0.182]	-	-	7.49 [0.236]	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	ND [0.0564]	-	-	0.0873 [0.118] J	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	2.59 [0.91]	-	-	**12.6 [1.18]**	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	37.7 [0.273]	-	-	114 [0.355]	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	ND [0.113]	-	-	0.193 [0.236] J	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	6.68 [0.364]	-	-	18.7 [0.473]	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	ND [0.272]	-	-	0.377 [0.591] J	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.0374 [0.0389] J	-	-	0.0159 [0.0476] J	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	ND [0.005]	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C03	B08-C03	B08-C03	B08-C04	B08-C04	B08-C04
					Sample ID:	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04
					Lab Sample ID:	1118873003	28771-3	28771-3	1118985001	29176-1	29176-1
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1150	9/20/2011 1150	9/20/2011 1150	10/6/2011 0808	10/6/2011 0808	10/6/2011 0808
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	ND [0.005]	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	ND [0.008]	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	ND [0.008]	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	ND [0.003]	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	ND [0.005]	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	ND [0.005]	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.004]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.004]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-	ND [0.0067]	-	-	ND [0.008]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-	ND [0.013]	-	-	ND [0.016]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	ND [0.0067]	-	-	ND [0.008]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-	ND [0.0033]	-	-	ND [0.004]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.004]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-	ND [0.0033]	-	-	ND [0.004]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.004]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.004]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-	ND [0.0033]	-	-	ND [0.004]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.004]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	0.0162 [0.0279] J	-	-	ND [0.0332]	-	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0174] E*	-	-	*ND [0.0332] E*	-	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0174] E*	-	-	*ND [0.0332] E*	-	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.174]	-	-	ND [0.332]	-	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0334]	-	-	ND [0.0638]	-	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	0.0137 [0.0279] J	-	-	ND [0.0332]	-	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0174]	-	-	*ND [0.0332] E*	-	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0087]	-	-	ND [0.0166]	-	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.0692]	-	-	ND [0.132]	-	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.0692]	-	-	ND [0.132]	-	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0174]	-	-	*ND [0.0332] E*	-	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.174]	-	-	ND [0.332]	-	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.174]	-	-	ND [0.332]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C03	B08-C03	B08-C03	B08-C04	B08-C04	B08-C04
					Sample ID:	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04
					Lab Sample ID:	1118873003	28771-3	28771-3	1118985001	29176-1	29176-1
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1150	9/20/2011 1150	9/20/2011 1150	10/6/2011 0808	10/6/2011 0808	10/6/2011 0808
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0087]	-	-	ND [0.0166]	-	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.138]	-	-	*ND [0.264] E*	-	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.138]	-	-	ND [0.264]	-	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0174] E*	-	-	*ND [0.0332] E*	-	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.0368 [0.111] J**	-	-	**0.195 [0.213] J**	-	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.0692]	-	-	ND [0.132]	-	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0174]	-	-	*ND [0.0332] E*	-	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0334]	-	-	ND [0.0638]	-	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0334]	-	-	ND [0.0638]	-	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0174]	-	-	*ND [0.0332] E*	-	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.174]	-	-	ND [0.332]	-	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0174]	-	-	*ND [0.0332] E*	-	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0087]	-	-	ND [0.0166]	-	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0334] E*	-	-	*ND [0.0638] E*	-	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0334]	-	-	ND [0.0638]	-	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0334]	-	-	ND [0.0638]	-	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	0.0195 [0.0557] J	-	-	ND [0.0638]	-	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0334]	-	-	ND [0.0638]	-	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.0692]	-	-	ND [0.132]	-	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0174] E*	-	-	*ND [0.0332] E*	-	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	0.0134 [0.0279] J	-	-	ND [0.0332]	-	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0174]	-	-	ND [0.0332]	-	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	0.0153 [0.0279] J	-	-	ND [0.0332]	-	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [1.86]	-	-	ND [2.22]	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.612]	-	-	ND [0.734]	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.612]	-	-	ND [0.734]	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [0.296] E*	-	-	*ND [0.356] E*	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.154] E*	-	-	*ND [0.185] E*	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.296]	-	-	ND [0.356]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C03	B08-C03	B08-C03	B08-C04	B08-C04	B08-C04
					Sample ID:	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04
					Lab Sample ID:	1118873003	28771-3	28771-3	1118985001	29176-1	29176-1
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1150	9/20/2011 1150	9/20/2011 1150	10/6/2011 0808	10/6/2011 0808	10/6/2011 0808
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [0.154] E*	-	-	*ND [0.185] E*	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.154] E*	-	-	*ND [0.185] E*	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [1.86] E*	-	-	*ND [2.22] E*	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [1.22]	-	-	ND [1.47]	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.154] E*	-	-	*ND [0.185] E*	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.154] E*	-	-	*ND [0.185] E*	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [1.22]	-	-	ND [1.47]	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.154] E*	-	-	*ND [0.185] E*	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.48] R	-	-	ND [1.78]	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.394]	-	-	ND [0.474]	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [0.154] E*	-	-	*ND [0.185] E*	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [1.22] E*	-	-	*ND [1.47] E*	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.154]	-	-	ND [0.185]	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [0.154] E*	-	-	*ND [0.185] E*	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C03	B08-C03	B08-C03	B08-C04	B08-C04	B08-C04
					Sample ID:	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO6-C03	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04	11TAKU-B08-SO5-C04
					Lab Sample ID:	1118873003	28771-3	28771-3	1118985001	29176-1	29176-1
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1150	9/20/2011 1150	9/20/2011 1150	10/6/2011 0808	10/6/2011 0808	10/6/2011 0808
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.296]	-	-	ND [0.356]	-	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	ND [0.012]	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	*ND [0.012] E*	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	ND [0.012]	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	ND [0.012]	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	ND [0.012]	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	ND [0.025]	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	ND [0.012]	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	*ND [0.025] E*	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	ND [0.012]	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	ND [0.012]	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	ND [0.025]	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	ND [0.025]	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	ND [0.012]	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	ND [0.025]	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	ND [0.089]	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.089] E*	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	*ND [0.089] E*	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	*ND [0.089] E*	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	ND [0.089]	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	*ND [0.089] E*	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	ND [0.089]	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.089] E*	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	*ND [0.089] E*	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.089]	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	ND [0.089]	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	ND [0.089]	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	*ND [0.089] E*	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	ND [0.18]	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C05	B08-C05	B08-C05	B08-C06	B08-C06	B08-C06
					Sample ID:	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06
					Lab Sample ID:	1118985002	29176-2	29176-2	1118985003	29176-3	29176-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [3.38]	-	-	ND [0.338]	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	ND [3.38]	-	-	ND [0.0034]	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [3.38]	-	-	ND [0.0034]	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [3.38]	-	-	ND [0.0034]	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [3.38]	-	-	ND [0.0034]	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	ND [3.38]	-	-	ND [0.0034]	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [3.38]	-	-	ND [0.0034]	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [3.38]	-	-	ND [0.338]	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [3.38]	-	-	ND [0.0034]	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	*ND [3.38] E*	-	-	ND [0.0034]	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	*ND [3.38] E*	-	-	ND [0.0034]	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [3.38]	-	-	ND [0.0034]	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [3.38]	-	-	ND [0.338]	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	ND [3.38]	-	-	ND [0.338]	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [3.38]	-	-	ND [0.338]	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [3.38]	-	-	ND [0.338]	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [3.38]	-	-	ND [0.338]	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [3.38]	-	-	ND [0.338]	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	18.4 [5.92]	-	-	16 [5.23]	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	**13000 [1120]**	-	-	**14800 [1130]**	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	241 [22.4]	-	-	254 [22.6]	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.007]	-	-	*ND [0.139] E*	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.007]	-	-	ND [0.139]	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.0053]	-	-	*ND [0.105] E*	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.0053]	-	-	*ND [0.105] E*	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.0053]	-	-	*ND [0.105] E*	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.0053]	-	-	ND [0.105]	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.007]	-	-	ND [0.139]	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	ND [0.007]	-	-	ND [0.139]	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.0053]	-	-	ND [0.105]	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.0053]	-	-	ND [0.105]	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.0169]	-	-	ND [0.336]	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	ND [0.169]	-	-	*ND [3.36] E*	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.0053]	-	-	*ND [0.105] E*	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.007]	-	-	*ND [0.139] E*	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.007]	-	-	ND [0.139]	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.007]	-	-	ND [0.139]	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.007]	-	-	ND [0.139]	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.007]	-	-	ND [0.139]	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.007]	-	-	ND [0.139]	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.007]	-	-	ND [0.139]	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.348]	-	-	*ND [6.96] E*	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.0053]	-	-	ND [0.105]	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	8.51 [0.226]	-	-	8.47 [0.225]	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.0958 [0.113] J	-	-	0.0995 [0.112] J	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**12.5 [1.13]**	-	-	**11.7 [1.12]**	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	138 [0.339]	-	-	131 [0.337]	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.238 [0.226]	-	-	0.253 [0.225]	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	21.1 [0.452]	-	-	21.6 [0.449]	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.449 [0.565] J	-	-	0.503 [0.562] J	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	ND [0.0272]	-	-	ND [0.0272]	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C05	B08-C05	B08-C05	B08-C06	B08-C06	B08-C06
					Sample ID:	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06
					Lab Sample ID:	1118985002	29176-2	29176-2	1118985003	29176-3	29176-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	ND [0.0037]	-	-	ND [0.0039]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-	ND [0.0037]	-	-	ND [0.0039]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-	ND [0.0074]	-	-	ND [0.0077]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-	ND [0.015]	-	-	ND [0.015]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	ND [0.0074]	-	-	ND [0.0077]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-	ND [0.0037]	-	-	ND [0.0039]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-	ND [0.0037]	-	-	ND [0.0039]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-	ND [0.0037]	-	-	ND [0.0039]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-	ND [0.0037]	-	-	ND [0.0039]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-	0.0061 [0.0074] J	-	-	ND [0.0039]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-	ND [0.0037]	-	-	ND [0.0039]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-	ND [0.0037]	-	-	ND [0.0039]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.037] E*	-	-	*ND [0.0326] E*	-	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.037] E*	-	-	*ND [0.0326] E*	-	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.37]	-	-	ND [0.326]	-	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.071]	-	-	ND [0.0628]	-	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	0.0196 [0.0592] J	-	-	ND [0.0326]	-	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.037] E*	-	-	*ND [0.0326] E*	-	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0185]	-	-	ND [0.0163]	-	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.147]	-	-	ND [0.13]	-	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.147]	-	-	ND [0.13]	-	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	*ND [0.037] E*	-	-	*ND [0.0326] E*	-	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.37]	-	-	ND [0.326]	-	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.37]	-	-	ND [0.326]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C05	B08-C05	B08-C05	B08-C06	B08-C06	B08-C06
					Sample ID:	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06
					Lab Sample ID:	1118985002	29176-2	29176-2	1118985003	29176-3	29176-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0185]	-	-	ND [0.0163]	-	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.294] E*	-	-	*ND [0.26] E*	-	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.294]	-	-	ND [0.26]	-	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.037] E*	-	-	*ND [0.0326] E*	-	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.21 [0.237] J**	-	-	*ND [0.13] E*	-	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.147]	-	-	ND [0.13]	-	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	*ND [0.037] E*	-	-	*ND [0.0326] E*	-	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.071]	-	-	ND [0.0628]	-	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.071]	-	-	ND [0.0628]	-	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.037] E*	-	-	*ND [0.0326] E*	-	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.37]	-	-	ND [0.326]	-	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.037] E*	-	-	*ND [0.0326] E*	-	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0185]	-	-	ND [0.0163]	-	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.071] E*	-	-	*ND [0.0628] E*	-	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.071]	-	-	ND [0.0628]	-	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.071]	-	-	ND [0.0628]	-	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.071]	-	-	ND [0.0628]	-	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.071]	-	-	ND [0.0628]	-	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.147]	-	-	ND [0.13]	-	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.037] E*	-	-	*ND [0.0326] E*	-	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.037]	-	-	ND [0.0326]	-	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [42.2]	-	-	ND [42.4]	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [13.9]	-	-	ND [14]	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	*ND [13.9] E*	-	-	*ND [14] E*	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [6.74] E*	-	-	*ND [6.76] E*	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [6.74]	-	-	ND [6.76]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C05	B08-C05	B08-C05	B08-C06	B08-C06	B08-C06
					Sample ID:	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06
					Lab Sample ID:	1118985002	29176-2	29176-2	1118985003	29176-3	29176-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [42.2] E*	-	-	*ND [42.4] E*	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [27.8]	-	-	ND [28]	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [27.8]	-	-	ND [28]	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [33.6]	-	-	ND [33.8]	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	*ND [8.98] E*	-	-	*ND [9.02] E*	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [27.8] E*	-	-	*ND [28] E*	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [3.5]	-	-	ND [3.52]	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [3.5] E*	-	-	*ND [3.52] E*	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C05	B08-C05	B08-C05	B08-C06	B08-C06	B08-C06
					Sample ID:	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C05	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06	11TAKU-B08-SO7-C06
					Lab Sample ID:	1118985002	29176-2	29176-2	1118985003	29176-3	29176-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817	10/6/2011 0817
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [6.74]	-	-	ND [6.76]	-	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	0.0075 [0.091] J	-	-	0.0058 [0.1] J	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.011] E*	-	-	*ND [0.013] E*	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	ND [0.011]	-	-	ND [0.013]	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.011]	-	-	ND [0.013]	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	ND [0.011]	-	-	ND [0.013]	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.023]	-	-	ND [0.025]	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	ND [0.011]	-	-	ND [0.013]	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.023] E*	-	-	*ND [0.025] E*	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	ND [0.011]	-	-	ND [0.013]	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.011]	-	-	ND [0.013]	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	ND [0.023]	-	-	ND [0.025]	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	ND [0.023]	-	-	ND [0.025]	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	ND [0.011]	-	-	ND [0.013]	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	ND [0.023]	-	-	ND [0.025]	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C07	B08-C07	B08-C07	B08-C08	B08-C08	B08-C08
					Sample ID:	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08
					Lab Sample ID:	1118985004	29176-4	29176-4	1118985005	29176-5	29176-5
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0828	10/6/2011 0828	10/6/2011 0828	10/6/2011 0843	10/6/2011 0843	10/6/2011 0843
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0031]	-	-	ND [0.0039]	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0031]	-	-	ND [0.0039]	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	0.979 [2.45] J	-	-	ND [3.88]	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [12.6]	-	-	47 [25.7]	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	ND [12.6]	-	-	ND [15.9]	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.0009]	-	-	ND [0.0024]	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.0009]	-	-	ND [0.0024]	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.0009]	-	-	ND [0.0024]	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.0009]	-	-	ND [0.0024]	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.0009]	-	-	ND [0.0024]	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.0009]	-	-	ND [0.0024]	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.003]	-	-	ND [0.0077]	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	ND [0.0302]	-	-	ND [0.0774]	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.0009]	-	-	ND [0.0024]	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.0013]	-	-	ND [0.0032] JM	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.0013]	-	-	ND [0.0032]	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.0624]	-	-	ND [0.16]	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.0009]	-	-	ND [0.0024]	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	3.31 [0.191]	-	-	11.1 [0.259]	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.0349 [0.0953] J	-	-	0.136 [0.13]	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**4.38 [0.953]**	-	-	**11.7 [1.3]**	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	70.9 [0.286]	-	-	167 [0.389]	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.0661 [0.191] J	-	-	0.271 [0.259]	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	12.1 [0.381]	-	-	**28.4 [0.518]**	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	ND [0.286]	-	-	0.474 [0.648] J	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	ND [0.0246]	-	-	0.0167 [0.0509] J	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C07	B08-C07	B08-C07	B08-C08	B08-C08	B08-C08
					Sample ID:	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08
					Lab Sample ID:	1118985004	29176-4	29176-4	1118985005	29176-5	29176-5
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0828	10/6/2011 0828	10/6/2011 0828	10/6/2011 0843	10/6/2011 0843	10/6/2011 0843
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.0042]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.0042] JM-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-	ND [0.0066]	-	-	ND [0.0084] JM-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-	ND [0.013]	-	-	ND [0.017]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	ND [0.0066]	-	-	ND [0.0084] JM-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-	ND [0.0033]	-	-	ND [0.0042]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.0042]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-	ND [0.0033]	-	-	ND [0.0042]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.0042]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.0042] JM-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-	ND [0.0033]	-	-	ND [0.0042]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-	ND [0.0033]	-	-	ND [0.0042]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0153] E*	-	-	*ND [0.0404] E*	-	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	ND [0.0153]	-	-	*ND [0.0404] E*	-	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.153]	-	-	ND [0.404]	-	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0294]	-	-	ND [0.0776]	-	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0153]	-	-	0.0543 [0.0646] J	-	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0153]	-	-	*ND [0.0404] E*	-	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0077]	-	-	ND [0.0202]	-	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.0608]	-	-	ND [0.16]	-	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.0608]	-	-	ND [0.16]	-	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0153]	-	-	*ND [0.0404] E*	-	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.153]	-	-	ND [0.404]	-	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.153]	-	-	ND [0.404]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C07	B08-C07	B08-C07	B08-C08	B08-C08	B08-C08
					Sample ID:	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08
					Lab Sample ID:	1118985004	29176-4	29176-4	1118985005	29176-5	29176-5
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0828	10/6/2011 0828	10/6/2011 0828	10/6/2011 0843	10/6/2011 0843	10/6/2011 0843
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0077]	-	-	ND [0.0202]	-	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.122]	-	-	*ND [0.32] E*	-	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.122]	-	-	ND [0.32]	-	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0153] E*	-	-	*ND [0.0404] E*	-	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.0726 [0.0981] J**	-	-	*ND [0.16] E*	-	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.0608]	-	-	ND [0.16]	-	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0153]	-	-	*ND [0.0404] E*	-	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0294]	-	-	ND [0.0776]	-	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0294]	-	-	ND [0.0776]	-	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0153]	-	-	*ND [0.0404] E*	-	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.153]	-	-	ND [0.404]	-	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0153]	-	-	*ND [0.0404] E*	-	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0077]	-	-	*ND [0.0202] E*	-	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0294] E*	-	-	*ND [0.0776] E*	-	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0294]	-	-	ND [0.0776]	-	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0294]	-	-	ND [0.0776]	-	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0294]	-	-	ND [0.0776]	-	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0294]	-	-	ND [0.0776]	-	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.0608]	-	-	ND [0.16]	-	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0153] E*	-	-	*ND [0.0404] E*	-	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0153]	-	-	ND [0.0404]	-	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [1.89]	-	-	ND [2.38]	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.622]	-	-	ND [0.788]	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.622]	-	-	ND [0.788]	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [0.302] E*	-	-	*ND [0.382] E*	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.157] E*	-	-	*ND [0.198] E*	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.302]	-	-	ND [0.382]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C07	B08-C07	B08-C07	B08-C08	B08-C08	B08-C08
					Sample ID:	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08
					Lab Sample ID:	1118985004	29176-4	29176-4	1118985005	29176-5	29176-5
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0828	10/6/2011 0828	10/6/2011 0828	10/6/2011 0843	10/6/2011 0843	10/6/2011 0843
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [0.157] E*	-	-	*ND [0.198] E*	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.157] E*	-	-	*ND [0.198] E*	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [1.89] E*	-	-	*ND [2.38] E*	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [1.24]	-	-	ND [1.58]	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.157] E*	-	-	*ND [0.198] E*	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.157] E*	-	-	*ND [0.198] E*	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [1.24]	-	-	ND [1.58]	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.157] E*	-	-	*ND [0.198] E*	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.51]	-	-	ND [1.91]	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.402]	-	-	ND [0.508]	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [0.157] E*	-	-	*ND [0.198] E*	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [1.24] E*	-	-	*ND [1.58] E*	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.157]	-	-	*ND [0.198] E*	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.157]	-	-	ND [0.198]	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [0.157] E*	-	-	*ND [0.198] E*	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C07	B08-C07	B08-C07	B08-C08	B08-C08	B08-C08
					Sample ID:	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO8-C07	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C08
					Lab Sample ID:	1118985004	29176-4	29176-4	1118985005	29176-5	29176-5
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0828	10/6/2011 0828	10/6/2011 0828	10/6/2011 0843	10/6/2011 0843	10/6/2011 0843
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.302]	-	-	ND [0.382]	-	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	ND [0.012]	-	-	ND [0.012] JM-	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.012] E*	-	-	*ND [0.012] E*	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.025]	-	-	ND [0.024]	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.025] E*	-	-	*ND [0.024] E*	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	ND [0.025]	-	-	ND [0.024]	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	ND [0.025]	-	-	ND [0.024]	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	ND [0.025]	-	-	ND [0.024]	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C09	B08-C09	B08-C09	B08-C10	B08-C10
					Sample ID:	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C10
					Lab Sample ID:	1118985008	29176-6	29176-6	1118985009	29176-7
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0851	10/6/2011 0851	10/6/2011 0851	10/6/2011 1609	10/6/2011 1609
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	0.0039 [0.0064] J,JC+	-	-	ND [0.0032]	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0038]	-	-	ND [0.0032]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0038]	-	-	ND [0.0032]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [3.9]	-	-	ND [2.14]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	22.9 [25.8] J	-	-	ND [13]	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	14.9 [25.8] J	-	-	ND [13]	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.0012]	-	-	ND [0.001]	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.0012]	-	-	ND [0.001]	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.0012]	-	-	ND [0.001]	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.0012]	-	-	ND [0.001]	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.0012]	-	-	ND [0.001]	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.0012]	-	-	ND [0.001]	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.0038]	-	-	ND [0.0032]	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	ND [0.038]	-	-	ND [0.032]	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.0012]	-	-	ND [0.001]	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.0016]	-	-	ND [0.0013]	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.0786]	-	-	ND [0.0662]	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.0012]	-	-	ND [0.001]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	10.3 [0.258]	-	-	2.69 [0.21]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.132 [0.129]	-	-	ND [0.0652]	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**13.7 [1.29]**	-	-	2.59 [1.05]	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	166 [0.387]	-	-	52.9 [0.315]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.28 [0.258]	-	-	ND [0.13]	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	**26.1 [0.516]**	-	-	8.38 [0.42]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.591 [0.644] J	-	-	ND [0.316]	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.0245 [0.0511] J	-	-	ND [0.0254]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C09	B08-C09	B08-C09	B08-C10	B08-C10
					Sample ID:	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C10
					Lab Sample ID:	1118985008	29176-6	29176-6	1118985009	29176-7
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0851	10/6/2011 0851	10/6/2011 0851	10/6/2011 1609	10/6/2011 1609
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	ND [0.0042]	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-	ND [0.0042]	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-	ND [0.0085]	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-	ND [0.017]	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	ND [0.0085]	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-	ND [0.0042]	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-	ND [0.0042]	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-	ND [0.0042]	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-	ND [0.0042]	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-	ND [0.0042]	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-	ND [0.0042]	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-	ND [0.0042]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0404] E*	-	-	*ND [0.0222] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0404] E*	-	-	*ND [0.0222] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.404]	-	-	ND [0.222]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0778]	-	-	ND [0.0426]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.0404] E*	-	-	ND [0.0222]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0202]	-	-	ND [0.0111]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.161]	-	-	ND [0.0882]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.161]	-	-	ND [0.0882]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	*ND [0.0404] E*	-	-	ND [0.0222]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.404]	-	-	ND [0.222]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.404]	-	-	ND [0.222]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C09	B08-C09	B08-C09	B08-C10	B08-C10
					Sample ID:	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C10
					Lab Sample ID:	1118985008	29176-6	29176-6	1118985009	29176-7
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0851	10/6/2011 0851	10/6/2011 0851	10/6/2011 1609	10/6/2011 1609
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0202]	-	-	ND [0.0111]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.322] E*	-	-	*ND [0.176] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.322]	-	-	ND [0.176]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0404] E*	-	-	*ND [0.0222] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.161] E*	-	-	*ND [0.0882] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.161]	-	-	ND [0.0882]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	*ND [0.0404] E*	-	-	ND [0.0222]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0778]	-	-	ND [0.0426]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0778]	-	-	ND [0.0426]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.0404] E*	-	-	*ND [0.0222] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.404]	-	-	ND [0.222]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.0404] E*	-	-	*ND [0.0222] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	*ND [0.0202] E*	-	-	ND [0.0111]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0778] E*	-	-	*ND [0.0426] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0778]	-	-	ND [0.0426]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0778]	-	-	ND [0.0426]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0778]	-	-	ND [0.0426]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0778]	-	-	ND [0.0426]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.161]	-	-	ND [0.0882]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0404] E*	-	-	*ND [0.0222] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0404]	-	-	ND [0.0222]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [2.42]	-	-	ND [2]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.8]	-	-	ND [0.662]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.8]	-	-	ND [0.662]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.202]	-	-	ND [0.167]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [0.388] E*	-	-	*ND [0.32] E*	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.202] E*	-	-	*ND [0.167] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.202]	-	-	ND [0.167]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.388]	-	-	ND [0.32]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C09	B08-C09	B08-C09	B08-C10	B08-C10
					Sample ID:	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C10
					Lab Sample ID:	1118985008	29176-6	29176-6	1118985009	29176-7
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0851	10/6/2011 0851	10/6/2011 0851	10/6/2011 1609	10/6/2011 1609
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [0.202] E*	-	-	*ND [0.167] E*	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.202]	-	-	ND [0.167]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.202] E*	-	-	*ND [0.167] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.202]	-	-	ND [0.167]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [2.42] E*	-	-	*ND [2] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [1.6]	-	-	ND [1.33]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.202] E*	-	-	*ND [0.167] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.202] E*	-	-	*ND [0.167] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [1.6]	-	-	ND [1.33]	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.202] E*	-	-	*ND [0.167] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.94]	-	-	ND [1.6]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.516]	-	-	ND [0.428]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [0.202] E*	-	-	*ND [0.167] E*	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [1.6] E*	-	-	*ND [1.33] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	*ND [0.202] E*	-	-	ND [0.167]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.202]	-	-	ND [0.167]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.202]	-	-	ND [0.167]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [0.202] E*	-	-	*ND [0.167] E*	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C09	B08-C09	B08-C09	B08-C10	B08-C10
					Sample ID:	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO6-C09	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C10
					Lab Sample ID:	1118985008	29176-6	29176-6	1118985009	29176-7
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0851	10/6/2011 0851	10/6/2011 0851	10/6/2011 1609	10/6/2011 1609
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.388]	-	-	ND [0.32]	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.012] E*	-	-	*ND [0.012] E*
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.025]	-	-	ND [0.025]
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.025] E*	-	-	*ND [0.025] E*
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	ND [0.025]	-	-	ND [0.025]
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	ND [0.025]	-	-	ND [0.025]
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	ND [0.025]	-	-	ND [0.025]
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C10	B08-C11	B08-C11	B08-C11	B08-C12
					Sample ID:	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C12
					Lab Sample ID:	29176-7	1118985010	29176-8	29176-8	1118985011
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1609	10/6/2011 1618	10/6/2011 1618	10/6/2011 1618	10/6/2011 1623
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0035]	-	-	ND [0.0032]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0035]	-	-	ND [0.0032]
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	ND [2.36]	-	-	ND [2.3]
AK102	-	Diesel Range Organics	mg/kg	250	-	-	10.9 [23.6] J	-	-	67.8 [21.5]
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	35.5 [23.6]	-	-	7.55 [21.5] J
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.0011]	-	-	ND [0.002]
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.0011]	-	-	ND [0.002]
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.0011]	-	-	ND [0.002]
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.0011]	-	-	ND [0.002]
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.0011]	-	-	ND [0.002]
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.0011]	-	-	ND [0.002]
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0035]	-	-	ND [0.0065]
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	ND [0.0352]	-	-	ND [0.0646]
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.0011]	-	-	ND [0.002]
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0015]	-	-	ND [0.0027]
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.0728]	-	-	ND [0.133]
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.0011]	-	-	ND [0.002]
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	3.03 [0.236]	-	-	3.6 [0.206]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	ND [0.073]	-	-	ND [0.0638]
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	3.71 [1.18]	-	-	2.86 [1.03]
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	64.9 [0.353]	-	-	57.1 [0.309]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.0868 [0.236] J	-	-	ND [0.128]
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	7.7 [0.471]	-	-	9.82 [0.412]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.184 [0.589] J	-	-	ND [0.308]
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	ND [0.0282]	-	-	ND [0.0252]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C10	B08-C11	B08-C11	B08-C11	B08-C12
					Sample ID:	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C12
					Lab Sample ID:	29176-7	1118985010	29176-8	29176-8	1118985011
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1609	10/6/2011 1618	10/6/2011 1618	10/6/2011 1618	10/6/2011 1623
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.007]	-	-	ND [0.0073]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.014]	-	-	ND [0.015]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.007]	-	-	ND [0.0073]	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0035]	-	-	ND [0.0037]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0035]	-	-	ND [0.0037]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0035]	-	-	ND [0.0037]	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.0244] E*	-	-	*ND [0.0238] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.0244] E*	-	-	*ND [0.0238] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.244]	-	-	ND [0.238]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.047]	-	-	ND [0.0458]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.0122]	-	-	ND [0.0119]
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	ND [0.0972]	-	-	ND [0.0948]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.0972]	-	-	ND [0.0948]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	*ND [0.0244] E*	-	-	*ND [0.0238] E*
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.244]	-	-	ND [0.238]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.244]	-	-	ND [0.238]

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C10	B08-C11	B08-C11	B08-C11	B08-C12
					Sample ID:	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C12
					Lab Sample ID:	29176-7	1118985010	29176-8	29176-8	1118985011
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1609	10/6/2011 1618	10/6/2011 1618	10/6/2011 1618	10/6/2011 1623
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.0122]	-	-	ND [0.0119]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	*ND [0.194] E*	-	-	*ND [0.189] E*
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	-	ND [0.194]	-	-	ND [0.189]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	*ND [0.0244] E*	-	-	*ND [0.0238] E*
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	*ND [0.0972] E*	-	-	*ND [0.0948] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.0972]	-	-	ND [0.0948]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.047]	-	-	ND [0.0458]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.047]	-	-	ND [0.0458]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	*ND [0.0244] E*	-	-	*ND [0.0238] E*
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.244]	-	-	ND [0.238]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	*ND [0.0244] E*	-	-	*ND [0.0238] E*
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.0122]	-	-	ND [0.0119]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	*ND [0.047] E*	-	-	*ND [0.0458] E*
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.047]	-	-	ND [0.0458]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.047]	-	-	ND [0.0458]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.047]	-	-	ND [0.0458]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.047]	-	-	ND [0.0458]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.0972]	-	-	ND [0.0948]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.0244] E*	-	-	*ND [0.0238] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.0244]	-	-	ND [0.0238]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [2.2]	-	-	ND [2.02]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.724]	-	-	ND [0.666]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.724]	-	-	ND [0.666]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.182]	-	-	ND [0.168]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	*ND [0.35] E*	-	-	*ND [0.322] E*
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.182] E*	-	-	*ND [0.168] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.182]	-	-	ND [0.168]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.35]	-	-	ND [0.322]

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C10	B08-C11	B08-C11	B08-C11	B08-C12
					Sample ID:	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C12
					Lab Sample ID:	29176-7	1118985010	29176-8	29176-8	1118985011
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1609	10/6/2011 1618	10/6/2011 1618	10/6/2011 1618	10/6/2011 1623
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	*ND [0.182] E*	-	-	*ND [0.168] E*
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.182]	-	-	ND [0.168]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.182] E*	-	-	*ND [0.168] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.182]	-	-	ND [0.168]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [2.2] E*	-	-	*ND [2.02] E*
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [1.45]	-	-	ND [1.33]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.182] E*	-	-	*ND [0.168] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.182] E*	-	-	*ND [0.168] E*
SW8270	62-53-3	Aniline	mg/kg	-	-	-	ND [1.45]	-	-	ND [1.33]
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.182] E*	-	-	*ND [0.168] E*
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.75]	-	-	ND [1.61]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.468]	-	-	ND [0.43]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	*ND [0.182] E*	-	-	*ND [0.168] E*
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [1.45] E*	-	-	*ND [1.33] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.182]	-	-	ND [0.168]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.182]	-	-	ND [0.168]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.182] E*	-	-	*ND [0.168] E*

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C10	B08-C11	B08-C11	B08-C11	B08-C12
					Sample ID:	11TAKU-B08-SO12-C10	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C11	11TAKU-B08-SO12-C12
					Lab Sample ID:	29176-7	1118985010	29176-8	29176-8	1118985011
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1609	10/6/2011 1618	10/6/2011 1618	10/6/2011 1618	10/6/2011 1623
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.35]	-	-	ND [0.322]
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	ND [0.012]	-	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	*ND [0.012] E*	-	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	ND [0.012]	-	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.012]	-	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	ND [0.012]	-	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.024]	-	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	ND [0.012]	-	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	*ND [0.024] E*	-	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	ND [0.012]	-	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	ND [0.012]	-	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	ND [0.024]	-	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	ND [0.024]	-	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	ND [0.012]	-	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	ND [0.024]	-	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C12	B08-C12	B08-C13	B08-C13	B08-C13
					Sample ID:	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13
					Lab Sample ID:	29176-9	29176-9	1118985012	29176-10	29176-10
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623
					Lab ID:	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	-	ND [0.0032]	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	-	ND [0.0032]	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	ND [0.0032]	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	ND [0.0032]	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	ND [0.0032]	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	ND [0.0032]	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	ND [0.0032]	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	ND [0.0032]	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	-	ND [0.0032]	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	ND [0.0032]	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	ND [0.0032]	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	ND [0.0032]	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	-	ND [0.0032]	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	0.0021 [0.0054] J	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	-	ND [0.0032]	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	-	ND [0.0032]	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	-	ND [0.0032]	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	ND [0.0032]	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	-	ND [2.28]	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	-	67.2 [21.2]	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	-	ND [13.2]	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	-	ND [0.0026]	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	-	ND [0.0026]	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	-	ND [0.002]	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	-	ND [0.002]	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	-	ND [0.002]	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	-	ND [0.002]	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	-	ND [0.0026]	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	-	ND [0.0026]	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	-	ND [0.002]	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	-	ND [0.002]	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	-	ND [0.0063]	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	-	ND [0.0634]	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	-	ND [0.002]	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	-	ND [0.0026]	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	-	ND [0.0026]	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	-	ND [0.0026]	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	-	ND [0.0026]	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	-	ND [0.0026]	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	-	ND [0.0026]	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	-	ND [0.0026]	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	-	ND [0.131]	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	-	ND [0.002]	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	-	4.11 [0.211]	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	-	ND [0.0654]	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	-	**4.44 [1.05]**	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	-	76.1 [0.316]	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	-	0.071 [0.211] J	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	-	10.7 [0.422]	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	-	0.163 [0.527] J	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	-	ND [0.0254]	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C12	B08-C12	B08-C13	B08-C13	B08-C13
					Sample ID:	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13
					Lab Sample ID:	29176-9	29176-9	1118985012	29176-10	29176-10
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623
					Lab ID:	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0035]	-	-	ND [0.0034]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0035]	-	-	ND [0.0034]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.007]	-	-	ND [0.0068]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.014]	-	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.007]	-	-	ND [0.0068]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0035]	-	-	ND [0.0034]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0035]	-	-	ND [0.0034]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0035]	-	-	ND [0.0034]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0035]	-	-	ND [0.0034]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0035]	-	-	ND [0.0034]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0035]	-	-	ND [0.0034]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0035]	-	-	ND [0.0034]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	-	ND [0.0238]	-	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	-	ND [0.0238]	-	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	-	ND [0.0238]	-	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	-	ND [0.0238]	-	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	-	ND [0.0238]	-	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	-	*ND [0.0238] E*	-	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	-	*ND [0.0238] E*	-	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	-	ND [0.238]	-	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	-	ND [0.0458]	-	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	-	ND [0.0238]	-	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	-	ND [0.0238]	-	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	-	ND [0.0238]	-	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	-	ND [0.0238]	-	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	-	ND [0.0238]	-	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	-	ND [0.0119]	-	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	-	ND [0.0946]	-	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	-	ND [0.0238]	-	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	-	ND [0.0238]	-	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	-	ND [0.0238]	-	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	-	ND [0.0946]	-	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	-	ND [0.0238]	-	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	-	*ND [0.0238] E*	-	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	-	ND [0.238]	-	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	67-64-1	Acetone	mg/kg	88	-	-	-	ND [0.238]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C12	B08-C12	B08-C13	B08-C13	B08-C13
					Sample ID:	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13
					Lab Sample ID:	29176-9	29176-9	1118985012	29176-10	29176-10
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623
					Lab ID:	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	-	ND [0.0238]	-	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	-	ND [0.0119]	-	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	-	ND [0.0238]	-	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	-	*ND [0.189] E*	-	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	-	ND [0.0238]	-	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	-	ND [0.0238]	-	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	-	-	ND [0.189]	-	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	-	*ND [0.0238] E*	-	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	-	**0.0999 [0.153] J**	-	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	-	ND [0.0946]	-	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	-	ND [0.0238]	-	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	-	ND [0.0238]	-	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	-	ND [0.0238]	-	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	-	ND [0.0238]	-	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	-	ND [0.0458]	-	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	-	ND [0.0458]	-	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	-	*ND [0.0238] E*	-	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	-	ND [0.238]	-	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	-	*ND [0.0238] E*	-	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	-	ND [0.0119]	-	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	-	*ND [0.0458] E*	-	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	-	ND [0.0458]	-	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	-	ND [0.0458]	-	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	-	ND [0.0458]	-	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	-	ND [0.0238]	-	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	-	ND [0.0238]	-	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	-	ND [0.0458]	-	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	-	ND [0.0946]	-	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	-	*ND [0.0238] E*	-	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	-	ND [0.0238]	-	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	-	ND [0.0238]	-	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	-	ND [0.0238]	-	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	-	ND [2.02]	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	ND [0.67]	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	-	ND [0.168]	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	ND [0.168]	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	ND [0.168]	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	-	ND [0.168]	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	-	ND [0.67]	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	-	ND [0.168]	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	-	*ND [0.324] E*	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	-	ND [0.168]	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	-	ND [0.168]	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	-	*ND [0.168] E*	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	-	ND [0.168]	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	-	ND [0.168]	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	-	ND [0.324]	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C12	B08-C12	B08-C13	B08-C13	B08-C13
					Sample ID:	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13
					Lab Sample ID:	29176-9	29176-9	1118985012	29176-10	29176-10
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623
					Lab ID:	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	-	*ND [0.168] E*	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	-	ND [0.168]	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	-	ND [0.168]	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	-	ND [0.168]	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	*ND [0.168] E*	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	-	ND [0.168]	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	-	ND [0.168]	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	-	ND [0.168]	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	ND [0.168]	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	ND [0.168]	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	ND [0.168]	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	ND [0.168]	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	ND [0.168]	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	ND [0.168]	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	-	ND [0.168]	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	ND [0.168]	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	-	*ND [2.02] E*	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	-	ND [1.34]	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	ND [0.168]	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	-	ND [0.168]	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	ND [0.168]	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	-	ND [0.168]	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	*ND [0.168] E*	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	-	*ND [0.168] E*	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	-	ND [1.34]	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	*ND [0.168] E*	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	-	ND [1.62]	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	-	ND [0.168]	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	ND [0.168]	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	-	ND [0.432]	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	-	ND [0.168]	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	-	ND [0.168]	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	-	ND [0.168]	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	-	ND [0.168]	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	ND [0.168]	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	-	ND [0.168]	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	-	ND [0.168]	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	-	ND [0.168]	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	-	*ND [0.168] E*	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	*ND [1.34] E*	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	-	ND [0.168]	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	-	ND [0.168]	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	-	ND [0.168]	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	-	ND [0.168]	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	ND [0.168]	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	-	ND [0.168]	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	-	ND [0.168]	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	-	ND [0.168]	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	-	ND [0.168]	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	-	ND [0.168]	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	-	ND [0.168]	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	*ND [0.168] E*	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C12	B08-C12	B08-C13	B08-C13	B08-C13
					Sample ID:	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C12	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C13
					Lab Sample ID:	29176-9	29176-9	1118985012	29176-10	29176-10
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623	10/6/2011 1623
					Lab ID:	TADC	TATW	SGSA	TADC	TATW
					QA/QC:	Primary	Primary	Duplicate	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	-	ND [0.324]	-	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.012] E*	-	-	*ND [0.012] E*	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	ND [0.025]	-	-	ND [0.024]	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.025] E*	-	-	*ND [0.024] E*	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	ND [0.025]	-	-	ND [0.024]	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	ND [0.025]	-	-	ND [0.024]	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	ND [0.012]	-	-	ND [0.012]	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	ND [0.025]	-	-	ND [0.024]	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C14	B08-C14	B08-C14	B08-C15	B08-C15
					Sample ID:	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO8-C15	11TAKU-B08-SO8-C15
					Lab Sample ID:	1118985013	29176-11	29176-11	1118985014	29176-12
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1629	10/6/2011 1629	10/6/2011 1629	10/6/2011 1636	10/6/2011 1636
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	0.149 [0.0505]	-	-	0.316 [0.268]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	0.206 [0.0505]	-	-	0.141 [0.268] J	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0302]	-	-	ND [0.161]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0302]	-	-	ND [0.161]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	1.59 [2.4] J	-	-	6.7 [4.15]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	**2310 [101]**	-	-	**5700 [215]**	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	107 [20.2]	-	-	178 [21.5]	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	*ND [0.0248] E*	-	-	*ND [0.0668] E*	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.0248]	-	-	ND [0.0668]	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.0188]	-	-	ND [0.0506]	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	*ND [0.0188] E*	-	-	*ND [0.0506] E*	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.0188]	-	-	*ND [0.0506] E*	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.0188]	-	-	ND [0.0506]	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.0248]	-	-	ND [0.0668]	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	ND [0.0248]	-	-	ND [0.0668]	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.0188]	-	-	ND [0.0506]	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.0188]	-	-	ND [0.0506]	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.0602]	-	-	ND [0.162]	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	ND [0.602]	-	-	ND [1.62]	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	*ND [0.0188] E*	-	-	*ND [0.0506] E*	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	*ND [0.0248] E*	-	-	*ND [0.0668] E*	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.0248]	-	-	ND [0.0668]	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.0248]	-	-	ND [0.0668]	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.0248]	-	-	ND [0.0668]	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.0248]	-	-	ND [0.0668]	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.0248]	-	-	ND [0.0668]	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.0248]	-	-	ND [0.0668]	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [1.24]	-	-	ND [3.34]	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.0188]	-	-	ND [0.0506]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	2.78 [0.198]	-	-	8.64 [0.214]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	ND [0.0612]	-	-	0.0726 [0.107] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**4.13 [0.989]**	-	-	**10.3 [1.07]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	51.7 [0.297]	-	-	113 [0.32]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	ND [0.123]	-	-	0.183 [0.214] J	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	8.22 [0.395]	-	-	17.6 [0.427]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.151 [0.494] J	-	-	0.365 [0.534] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	ND [0.0242]	-	-	0.0436 [0.0428]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C14	B08-C14	B08-C14	B08-C15	B08-C15
					Sample ID:	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO8-C15	11TAKU-B08-SO8-C15
					Lab Sample ID:	1118985013	29176-11	29176-11	1118985014	29176-12
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1629	10/6/2011 1629	10/6/2011 1629	10/6/2011 1636	10/6/2011 1636
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	ND [0.0032]	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-	ND [0.0032]	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-	ND [0.0064]	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-	ND [0.013]	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	ND [0.0064]	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-	ND [0.0032]	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-	ND [0.0032]	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-	ND [0.0032]	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-	ND [0.0032]	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-	ND [0.0032]	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-	ND [0.0032]	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-	ND [0.0032]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.015]	-	-	ND [0.026]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.015]	-	-	ND [0.026]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.015]	-	-	ND [0.026]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.015] E*	-	-	*ND [0.026] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	ND [0.015]	-	-	*ND [0.026] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.15]	-	-	ND [0.26]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0288]	-	-	ND [0.0498]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	0.0137 [0.024] J	-	-	ND [0.026]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.015]	-	-	ND [0.026]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.015]	-	-	ND [0.026]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.015]	-	-	ND [0.026]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.015]	-	-	ND [0.026]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0075]	-	-	ND [0.013]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.0596]	-	-	ND [0.103]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.015]	-	-	ND [0.026]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.015]	-	-	ND [0.026]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.0596]	-	-	ND [0.103]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.015]	-	-	*ND [0.026] E*	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.15]	-	-	ND [0.26]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.15]	-	-	ND [0.26]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C14	B08-C14	B08-C14	B08-C15	B08-C15
					Sample ID:	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO8-C15	11TAKU-B08-SO8-C15
					Lab Sample ID:	1118985013	29176-11	29176-11	1118985014	29176-12
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1629	10/6/2011 1629	10/6/2011 1629	10/6/2011 1636	10/6/2011 1636
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.015]	-	-	ND [0.026]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0075]	-	-	ND [0.013]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.015]	-	-	ND [0.026]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.119]	-	-	*ND [0.206] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.119]	-	-	ND [0.206]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.015] E*	-	-	*ND [0.026] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.109 [0.0961]**	-	-	**0.0739 [0.166] J**	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.0596]	-	-	ND [0.103]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.015]	-	-	ND [0.026]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.015]	-	-	ND [0.026]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.015]	-	-	ND [0.026]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0288]	-	-	ND [0.0498]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0288]	-	-	ND [0.0498]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.015]	-	-	*ND [0.026] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.15]	-	-	ND [0.26]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.015]	-	-	*ND [0.026] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0075]	-	-	ND [0.013]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0288] E*	-	-	*ND [0.0498] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0288]	-	-	ND [0.0498]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0288]	-	-	ND [0.0498]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0288]	-	-	ND [0.0498]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.015]	-	-	ND [0.026]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0288]	-	-	ND [0.0498]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.0596]	-	-	ND [0.103]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.015] E*	-	-	*ND [0.026] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.015]	-	-	ND [0.026]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.015]	-	-	ND [0.026]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [1.89]	-	-	ND [2.02]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.624]	-	-	ND [0.666]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.624]	-	-	ND [0.666]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.157]	-	-	ND [0.168]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [0.302] E*	-	-	*ND [0.322] E*	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.157] E*	-	-	*ND [0.168] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.157]	-	-	ND [0.168]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.302]	-	-	ND [0.322]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C14	B08-C14	B08-C14	B08-C15	B08-C15
					Sample ID:	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO8-C15	11TAKU-B08-SO8-C15
					Lab Sample ID:	1118985013	29176-11	29176-11	1118985014	29176-12
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1629	10/6/2011 1629	10/6/2011 1629	10/6/2011 1636	10/6/2011 1636
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [0.157] E*	-	-	*ND [0.168] E*	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.157]	-	-	ND [0.168]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.157] E*	-	-	*ND [0.168] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.157]	-	-	ND [0.168]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [1.89] E*	-	-	*ND [2.02] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [1.25]	-	-	ND [1.33]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.157] E*	-	-	*ND [0.168] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.157] E*	-	-	*ND [0.168] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [1.25]	-	-	ND [1.33]	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.157] E*	-	-	*ND [0.168] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.51]	-	-	ND [1.61]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.402]	-	-	ND [0.43]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	0.187 [0.252] J	-	-	ND [0.168]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [0.157] E*	-	-	*ND [0.168] E*	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [1.25] E*	-	-	*ND [1.33] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.157]	-	-	ND [0.168]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.157]	-	-	ND [0.168]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [0.157] E*	-	-	*ND [0.168] E*	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C14	B08-C14	B08-C14	B08-C15	B08-C15
					Sample ID:	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO12-C14	11TAKU-B08-SO8-C15	11TAKU-B08-SO8-C15
					Lab Sample ID:	1118985013	29176-11	29176-11	1118985014	29176-12
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1629	10/6/2011 1629	10/6/2011 1629	10/6/2011 1636	10/6/2011 1636
					Lab ID:	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.302]	-	-	ND [0.322]	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.012] E*	-	-	*ND [0.012] E*
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.024]	-	-	ND [0.024]
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.024] E*	-	-	*ND [0.024] E*
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	ND [0.024]	-	-	ND [0.024]
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	ND [0.024]	-	-	ND [0.024]
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	ND [0.024]	-	-	ND [0.024]
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C15	B08-C16	B08-C16	B08-C16	B08-C17	B08-C17
					Sample ID:	11TAKU-B08-SO8-C15	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO6-C17	11TAKU-B08-SO6-C17
					Lab Sample ID:	29176-12	1118985015	29176-13	29176-13	1118985016	29176-14
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1636	10/6/2011 1640	10/6/2011 1640	10/6/2011 1640	10/6/2011 1644	10/6/2011 1644
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0151]	-	-	ND [0.017]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0151]	-	-	0.0109 [0.0283] J	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.003]	-	-	ND [0.0034]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0151]	-	-	ND [0.017]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0151]	-	-	ND [0.017]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0151]	-	-	ND [0.017]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0151]	-	-	ND [0.017]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0151]	-	-	ND [0.017]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0151]	-	-	ND [0.017]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	1.07 [2.48] J	-	-	ND [3.02]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	**425 [20.1]**	-	-	**528 [22.5]**	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	61.9 [20.1]	-	-	102 [22.5]	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0126]	-	-	*ND [0.0141] E*	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0126]	-	-	ND [0.0141]	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.0095]	-	-	ND [0.0107]	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	*ND [0.0095] E*	-	-	*ND [0.0107] E*	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.0095]	-	-	ND [0.0107]	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.0095]	-	-	ND [0.0107]	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0126]	-	-	ND [0.0141]	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	0.07 [0.0203]	-	-	0.0224 [0.0228] J	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.0095]	-	-	ND [0.0107]	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.0095]	-	-	ND [0.0107]	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0304]	-	-	ND [0.0342]	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	ND [0.304]	-	-	ND [0.342]	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.0095]	-	-	*ND [0.0107] E*	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	*ND [0.0126] E*	-	-	*ND [0.0141] E*	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0126]	-	-	ND [0.0141]	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0126]	-	-	ND [0.0141]	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	0.096 [0.0203]	-	-	0.0422 [0.0228]	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.0126]	-	-	ND [0.0141]	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0126]	-	-	ND [0.0141]	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0126]	-	-	ND [0.0141]	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.63]	-	-	ND [0.706]	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.0095]	-	-	ND [0.0107]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	2.64 [0.2]	-	-	7.63 [0.223]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	ND [0.062]	-	-	0.0836 [0.112] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	3.15 [1]	-	-	**10.9 [1.12]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	48.8 [0.3]	-	-	159 [0.335]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.0766 [0.2] J	-	-	0.161 [0.223] J	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	8.43 [0.401]	-	-	18.1 [0.446]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.162 [0.501] J	-	-	0.312 [0.558] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	ND [0.0244]	-	-	ND [0.0274]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C15	B08-C16	B08-C16	B08-C16	B08-C17	B08-C17
					Sample ID:	11TAKU-B08-SO8-C15	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO6-C17	11TAKU-B08-SO6-C17
					Lab Sample ID:	29176-12	1118985015	29176-13	29176-13	1118985016	29176-14
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1636	10/6/2011 1640	10/6/2011 1640	10/6/2011 1640	10/6/2011 1644	10/6/2011 1644
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0034]	-	-	ND [0.0033]	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0034]	-	-	ND [0.0033]	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0069]	-	-	ND [0.0067]	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.014]	-	-	ND [0.013]	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0069]	-	-	ND [0.0067]	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0034]	-	-	ND [0.0033]	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0034]	-	-	ND [0.0033]	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0034]	-	-	ND [0.0033]	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0034]	-	-	ND [0.0033]	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0034]	-	-	ND [0.0033]	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0034]	-	-	ND [0.0033]	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0034]	-	-	ND [0.0033]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.0155] E*	-	-	*ND [0.0314] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	ND [0.0155]	-	-	*ND [0.0314] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.155]	-	-	ND [0.314]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.0298]	-	-	ND [0.0604]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.0078]	-	-	ND [0.0157]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	ND [0.0616]	-	-	ND [0.125]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.0616]	-	-	ND [0.125]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	ND [0.0155]	-	-	*ND [0.0314] E*	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.155]	-	-	ND [0.314]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.155]	-	-	ND [0.314]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C15	B08-C16	B08-C16	B08-C16	B08-C17	B08-C17
					Sample ID:	11TAKU-B08-SO8-C15	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO6-C17	11TAKU-B08-SO6-C17
					Lab Sample ID:	29176-12	1118985015	29176-13	29176-13	1118985016	29176-14
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1636	10/6/2011 1640	10/6/2011 1640	10/6/2011 1640	10/6/2011 1644	10/6/2011 1644
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.0078]	-	-	ND [0.0157]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	ND [0.123]	-	-	*ND [0.25] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	-	ND [0.123]	-	-	ND [0.25]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	*ND [0.0155] E*	-	-	*ND [0.0314] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	**0.0929 [0.0994] J**	-	-	**0.176 [0.201] J**	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.0616]	-	-	ND [0.125]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	ND [0.0155]	-	-	*ND [0.0314] E*	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.0298]	-	-	ND [0.0604]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.0298]	-	-	ND [0.0604]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	ND [0.0155]	-	-	*ND [0.0314] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.155]	-	-	ND [0.314]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	ND [0.0155]	-	-	*ND [0.0314] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.0078]	-	-	ND [0.0157]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	*ND [0.0298] E*	-	-	*ND [0.0604] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.0298]	-	-	ND [0.0604]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.0298]	-	-	ND [0.0604]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0298]	-	-	ND [0.0604]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.0298]	-	-	ND [0.0604]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.0616]	-	-	ND [0.125]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.0155] E*	-	-	*ND [0.0314] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.0155]	-	-	ND [0.0314]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [1.91]	-	-	ND [2.14]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.632]	-	-	ND [0.704]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.632]	-	-	ND [0.704]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	*ND [0.306] E*	-	-	*ND [0.34] E*	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.159] E*	-	-	*ND [0.177] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.306]	-	-	ND [0.34]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C15	B08-C16	B08-C16	B08-C16	B08-C17	B08-C17
					Sample ID:	11TAKU-B08-SO8-C15	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO6-C17	11TAKU-B08-SO6-C17
					Lab Sample ID:	29176-12	1118985015	29176-13	29176-13	1118985016	29176-14
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1636	10/6/2011 1640	10/6/2011 1640	10/6/2011 1640	10/6/2011 1644	10/6/2011 1644
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	*ND [0.159] E*	-	-	*ND [0.177] E*	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.159] E*	-	-	*ND [0.177] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [1.91] E*	-	-	*ND [2.14] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [1.26]	-	-	ND [1.41]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.159] E*	-	-	*ND [0.177] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.159] E*	-	-	*ND [0.177] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	ND [1.26]	-	-	ND [1.41]	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.159] E*	-	-	*ND [0.177] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.53]	-	-	ND [1.7]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.408]	-	-	ND [0.454]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	*ND [0.159] E*	-	-	*ND [0.177] E*	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [1.26] E*	-	-	*ND [1.41] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.159]	-	-	ND [0.177]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.159] E*	-	-	*ND [0.177] E*	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C15	B08-C16	B08-C16	B08-C16	B08-C17	B08-C17
					Sample ID:	11TAKU-B08-SO8-C15	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO9-C16	11TAKU-B08-SO6-C17	11TAKU-B08-SO6-C17
					Lab Sample ID:	29176-12	1118985015	29176-13	29176-13	1118985016	29176-14
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1636	10/6/2011 1640	10/6/2011 1640	10/6/2011 1640	10/6/2011 1644	10/6/2011 1644
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.306]	-	-	ND [0.34]	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	*ND [0.012] E*	-	-	*ND [0.012] E*
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.024]	-	-	ND [0.023]
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	*ND [0.024] E*	-	-	*ND [0.023] E*
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	ND [0.024]	-	-	ND [0.023]
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	ND [0.024]	-	-	ND [0.023]
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	ND [0.024]	-	-	ND [0.023]
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C17	B08-C18	B08-C18	B08-C18	B08-C19	B08-C19
					Sample ID:	11TAKU-B08-SO6-C17	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO1-C19	11TAKU-B08-SO1-C19
					Lab Sample ID:	29176-14	1118985017	29176-15	29176-15	1118985018	29176-16
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1644	10/6/2011 1647	10/6/2011 1647	10/6/2011 1647	10/6/2011 1652	10/6/2011 1652
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0314]	-	-	ND [0.0032]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0314]	-	-	ND [0.0032]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0031]	-	-	ND [0.0032]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0314]	-	-	ND [0.0032]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0314]	-	-	ND [0.0032]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0314]	-	-	ND [0.0032]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0314]	-	-	ND [0.0032]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0314]	-	-	ND [0.0032]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0314]	-	-	ND [0.0032]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	ND [1.85]	-	-	ND [1.97]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	**1400 [104]**	-	-	15.1 [21.4] J	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	52.9 [20.8]	-	-	11.7 [21.4] J	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0129]	-	-	ND [0.0026]	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0129]	-	-	ND [0.0026]	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.0098]	-	-	ND [0.002]	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	*ND [0.0098] E*	-	-	ND [0.002]	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.0098]	-	-	ND [0.002]	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.0098]	-	-	ND [0.002]	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0129]	-	-	ND [0.0026]	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.0129]	-	-	0.0032 [0.0042] J	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.0098]	-	-	ND [0.002]	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.0098]	-	-	ND [0.002]	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0312]	-	-	ND [0.0064]	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	ND [0.312]	-	-	ND [0.0636]	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	*ND [0.0098] E*	-	-	ND [0.002]	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	*ND [0.0129] E*	-	-	ND [0.0026]	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0129]	-	-	ND [0.0026]	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0129]	-	-	ND [0.0026]	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.0129]	-	-	0.002 [0.0042] J	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.0129]	-	-	0.0016 [0.0042] J	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0129]	-	-	ND [0.0026]	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0129]	-	-	ND [0.0026]	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.644]	-	-	ND [0.131]	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.0098]	-	-	ND [0.002]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	4.85 [0.198]	-	-	6.09 [0.211]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.0475 [0.0988] J	-	-	0.0656 [0.106] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**6.74 [0.988]**	-	-	**7.76 [1.06]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	82.9 [0.296]	-	-	86.8 [0.317]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.11 [0.198] J	-	-	0.122 [0.211] J	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	13.1 [0.395]	-	-	13.7 [0.422]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.197 [0.494] J	-	-	0.233 [0.528] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	ND [0.0248]	-	-	ND [0.0256]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C17	B08-C18	B08-C18	B08-C18	B08-C19	B08-C19
					Sample ID:	11TAKU-B08-SO6-C17	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO1-C19	11TAKU-B08-SO1-C19
					Lab Sample ID:	29176-14	1118985017	29176-15	29176-15	1118985018	29176-16
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1644	10/6/2011 1647	10/6/2011 1647	10/6/2011 1647	10/6/2011 1652	10/6/2011 1652
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0038]	-	-	ND [0.0034]	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0038]	-	-	ND [0.0034]	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0075]	-	-	ND [0.0067]	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.015]	-	-	ND [0.013]	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0075]	-	-	ND [0.0067]	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0038]	-	-	ND [0.0034]	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0038]	-	-	ND [0.0034]	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0038]	-	-	ND [0.0034]	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0038]	-	-	ND [0.0034]	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0038]	-	-	ND [0.0034]	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0038]	-	-	ND [0.0034]	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0038]	-	-	ND [0.0034]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.0193] E*	-	-	*ND [0.0204] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.0193] E*	-	-	*ND [0.0204] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.193]	-	-	ND [0.204]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.037]	-	-	ND [0.0394]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.0096]	-	-	ND [0.0102]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	ND [0.0766]	-	-	ND [0.0814]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.0766]	-	-	ND [0.0814]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.193]	-	-	ND [0.204]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.193]	-	-	ND [0.204]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C17	B08-C18	B08-C18	B08-C18	B08-C19	B08-C19
					Sample ID:	11TAKU-B08-SO6-C17	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO1-C19	11TAKU-B08-SO1-C19
					Lab Sample ID:	29176-14	1118985017	29176-15	29176-15	1118985018	29176-16
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1644	10/6/2011 1647	10/6/2011 1647	10/6/2011 1647	10/6/2011 1652	10/6/2011 1652
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.0096]	-	-	ND [0.0102]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	ND [0.153]	-	-	*ND [0.163] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	-	ND [0.153]	-	-	ND [0.163]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	*ND [0.0193] E*	-	-	*ND [0.0204] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	**0.0862 [0.124] J**	-	-	*ND [0.0814] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.0766]	-	-	ND [0.0814]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.037]	-	-	ND [0.0394]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.037]	-	-	ND [0.0394]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	*ND [0.0193] E*	-	-	*ND [0.0204] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.193]	-	-	ND [0.204]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	*ND [0.0193] E*	-	-	*ND [0.0204] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.0096]	-	-	ND [0.0102]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	*ND [0.037] E*	-	-	*ND [0.0394] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.037]	-	-	ND [0.0394]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.037]	-	-	ND [0.0394]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.037]	-	-	ND [0.0394]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.037]	-	-	ND [0.0394]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.0766]	-	-	ND [0.0814]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.0193] E*	-	-	*ND [0.0204] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.0193]	-	-	ND [0.0204]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [1.96]	-	-	ND [2.02]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.648]	-	-	ND [0.664]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.648]	-	-	ND [0.664]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	*ND [0.314] E*	-	-	*ND [0.322] E*	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.163] E*	-	-	*ND [0.167] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.314]	-	-	ND [0.322]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C17	B08-C18	B08-C18	B08-C18	B08-C19	B08-C19
					Sample ID:	11TAKU-B08-SO6-C17	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO1-C19	11TAKU-B08-SO1-C19
					Lab Sample ID:	29176-14	1118985017	29176-15	29176-15	1118985018	29176-16
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1644	10/6/2011 1647	10/6/2011 1647	10/6/2011 1647	10/6/2011 1652	10/6/2011 1652
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	*ND [0.163] E*	-	-	*ND [0.167] E*	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.163] E*	-	-	*ND [0.167] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [1.96] E*	-	-	*ND [2.02] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [1.3]	-	-	ND [1.33]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.163] E*	-	-	*ND [0.167] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.163] E*	-	-	*ND [0.167] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	ND [1.3]	-	-	ND [1.33]	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.163] E*	-	-	*ND [0.167] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.57]	-	-	ND [1.61]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.418]	-	-	ND [0.428]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	*ND [0.163] E*	-	-	*ND [0.167] E*	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [1.3] E*	-	-	*ND [1.33] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.163]	-	-	ND [0.167]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.163] E*	-	-	*ND [0.167] E*	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C17	B08-C18	B08-C18	B08-C18	B08-C19	B08-C19
					Sample ID:	11TAKU-B08-SO6-C17	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO4-C18	11TAKU-B08-SO1-C19	11TAKU-B08-SO1-C19
					Lab Sample ID:	29176-14	1118985017	29176-15	29176-15	1118985018	29176-16
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1644	10/6/2011 1647	10/6/2011 1647	10/6/2011 1647	10/6/2011 1652	10/6/2011 1652
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.314]	-	-	ND [0.322]	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	*ND [0.012] E*	-	-	*ND [0.012] E*
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.025]	-	-	ND [0.023]
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	*ND [0.025] E*	-	-	*ND [0.023] E*
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	ND [0.025]	-	-	ND [0.023]
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	ND [0.025]	-	-	ND [0.023]
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	ND [0.025]	-	-	ND [0.023]
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C19	B08-C20	B08-C20	B08-C20	B08-C21	B08-C21
					Sample ID:	11TAKU-B08-SO1-C19	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO5-C21	11TAKU-B08-SO5-C21
					Lab Sample ID:	29176-16	1118985019	29176-17	29176-17	1118985020	29176-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1652	10/6/2011 1656	10/6/2011 1656	10/6/2011 1656	10/6/2011 1700	10/6/2011 1700
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0033]	-	-	0.0022 [0.0053] J	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0033]	-	-	ND [0.0032]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0033]	-	-	ND [0.0032]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	ND [2.64]	-	-	ND [2.26]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	ND [13.9]	-	-	ND [13.4]	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	35.6 [22.4]	-	-	33.9 [21.6]	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0014]	-	-	ND [0.0013]	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0014]	-	-	ND [0.0013]	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0014]	-	-	ND [0.0013]	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.0014]	-	-	0.0097 [0.0022]	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0034]	-	-	ND [0.0032]	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	ND [0.0336]	-	-	ND [0.0324]	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.0014]	-	-	ND [0.0013]	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0014]	-	-	ND [0.0013]	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0014]	-	-	ND [0.0013]	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.0014]	-	-	0.0057 [0.0022]	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.0014]	-	-	0.0095 [0.0022]	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0014]	-	-	ND [0.0013]	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0014]	-	-	ND [0.0013]	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.0694]	-	-	ND [0.0668]	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.001]	-	-	ND [0.001]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	7.98 [0.22]	-	-	8.12 [0.213]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.0915 [0.11] J	-	-	0.0653 [0.106] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**11.4 [1.1]**	-	-	**9 [1.06]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	121 [0.33]	-	-	108 [0.319]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.153 [0.22] J	-	-	0.153 [0.213] J	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	18.9 [0.44]	-	-	16.1 [0.425]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.369 [0.55] J	-	-	0.285 [0.532] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.0155 [0.0435] J	-	-	ND [0.025]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C19	B08-C20	B08-C20	B08-C20	B08-C21	B08-C21
					Sample ID:	11TAKU-B08-SO1-C19	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO5-C21	11TAKU-B08-SO5-C21
					Lab Sample ID:	29176-16	1118985019	29176-17	29176-17	1118985020	29176-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1652	10/6/2011 1656	10/6/2011 1656	10/6/2011 1656	10/6/2011 1700	10/6/2011 1700
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.007]	-	-	ND [0.0073]	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.014]	-	-	ND [0.015]	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.007]	-	-	ND [0.0073]	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0035]	-	-	ND [0.0037]	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0035]	-	-	ND [0.0037]	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0035]	-	-	ND [0.0037]	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0037]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.0274] E*	-	-	*ND [0.0234] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.0274] E*	-	-	*ND [0.0234] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.274]	-	-	ND [0.234]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.0526]	-	-	ND [0.0452]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.0137]	-	-	ND [0.0117]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	ND [0.109]	-	-	ND [0.0932]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.109]	-	-	ND [0.0932]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	*ND [0.0274] E*	-	-	*ND [0.0234] E*	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.274]	-	-	ND [0.234]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.274]	-	-	ND [0.234]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C19	B08-C20	B08-C20	B08-C20	B08-C21	B08-C21
					Sample ID:	11TAKU-B08-SO1-C19	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO5-C21	11TAKU-B08-SO5-C21
					Lab Sample ID:	29176-16	1118985019	29176-17	29176-17	1118985020	29176-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1652	10/6/2011 1656	10/6/2011 1656	10/6/2011 1656	10/6/2011 1700	10/6/2011 1700
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.0137]	-	-	ND [0.0117]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	*ND [0.218] E*	-	-	*ND [0.187] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	-	ND [0.218]	-	-	ND [0.187]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	*ND [0.0274] E*	-	-	*ND [0.0234] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	*ND [0.109] E*	-	-	**0.0895 [0.15] J**	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.109]	-	-	ND [0.0932]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.0526]	-	-	ND [0.0452]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.0526]	-	-	ND [0.0452]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	*ND [0.0274] E*	-	-	*ND [0.0234] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.274]	-	-	ND [0.234]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	*ND [0.0274] E*	-	-	*ND [0.0234] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.0137]	-	-	ND [0.0117]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	*ND [0.0526] E*	-	-	*ND [0.0452] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.0526]	-	-	ND [0.0452]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.0526]	-	-	ND [0.0452]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0526]	-	-	ND [0.0452]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.0526]	-	-	ND [0.0452]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.109]	-	-	ND [0.0932]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.0274] E*	-	-	*ND [0.0234] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.0274]	-	-	ND [0.0234]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [2.08]	-	-	ND [2]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.684]	-	-	ND [0.662]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.684]	-	-	ND [0.662]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	*ND [0.33] E*	-	-	*ND [0.32] E*	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.172] E*	-	-	*ND [0.166] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.33]	-	-	ND [0.32]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C19	B08-C20	B08-C20	B08-C20	B08-C21	B08-C21
					Sample ID:	11TAKU-B08-SO1-C19	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO5-C21	11TAKU-B08-SO5-C21
					Lab Sample ID:	29176-16	1118985019	29176-17	29176-17	1118985020	29176-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1652	10/6/2011 1656	10/6/2011 1656	10/6/2011 1656	10/6/2011 1700	10/6/2011 1700
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	*ND [0.172] E*	-	-	*ND [0.166] E*	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.172] E*	-	-	*ND [0.166] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [2.08] E*	-	-	*ND [2] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [1.37]	-	-	ND [1.32]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.172] E*	-	-	*ND [0.166] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.172] E*	-	-	*ND [0.166] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	ND [1.37]	-	-	ND [1.32]	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.172] E*	-	-	*ND [0.166] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.65]	-	-	ND [1.6]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.44]	-	-	ND [0.426]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	*ND [0.172] E*	-	-	*ND [0.166] E*	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [1.37] E*	-	-	*ND [1.32] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.172]	-	-	ND [0.166]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.172] E*	-	-	*ND [0.166] E*	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C19	B08-C20	B08-C20	B08-C20	B08-C21	B08-C21
					Sample ID:	11TAKU-B08-SO1-C19	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO4-C20	11TAKU-B08-SO5-C21	11TAKU-B08-SO5-C21
					Lab Sample ID:	29176-16	1118985019	29176-17	29176-17	1118985020	29176-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1652	10/6/2011 1656	10/6/2011 1656	10/6/2011 1656	10/6/2011 1700	10/6/2011 1700
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.33]	-	-	ND [0.32]	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	ND [0.012]	-	-	ND [0.011]
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	*ND [0.012] E*	-	-	*ND [0.011] E*
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	ND [0.012]	-	-	ND [0.011]
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.012]	-	-	ND [0.011]
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	ND [0.012]	-	-	ND [0.011]
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.024]	-	-	ND [0.023]
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	ND [0.012]	-	-	ND [0.011]
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	*ND [0.024] E*	-	-	*ND [0.023] E*
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	ND [0.012]	-	-	ND [0.011]
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	ND [0.012]	-	-	ND [0.011]
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	ND [0.024]	-	-	ND [0.023]
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	ND [0.024]	-	-	ND [0.023]
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	ND [0.012]	-	-	ND [0.011]
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	ND [0.024]	-	-	ND [0.023]
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C21	B08-C22	B08-C22	B08-C22	B08-C23	B08-C23
					Sample ID:	11TAKU-B08-SO5-C21	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C23
					Lab Sample ID:	29176-18	1118985021	29176-19	29176-19	1118985022	29176-20
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1700	10/6/2011 1706	10/6/2011 1706	10/6/2011 1706	10/6/2011 1709	10/6/2011 1709
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0032]	-	-	ND [0.0032]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0032]	-	-	ND [0.0032]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	ND [2.48]	-	-	ND [2.26]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	10.4 [21.7] J	-	-	ND [13.4]	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	23.7 [21.7]	-	-	24.3 [21.7]	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0013]	-	-	ND [0.0013]	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0013]	-	-	ND [0.0013]	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0013]	-	-	ND [0.0013]	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	0.0059 [0.0021]	-	-	0.0086 [0.0022]	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0032]	-	-	ND [0.0032]	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	ND [0.0322]	-	-	ND [0.0324]	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.001]	-	-	ND [0.001]	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.0013]	-	-	ND [0.0013]	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0013]	-	-	ND [0.0013]	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0013]	-	-	ND [0.0013]	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	0.0061 [0.0021]	-	-	0.0013 [0.0022] J	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	0.008 [0.0021]	-	-	0.0043 [0.0022]	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0013]	-	-	ND [0.0013]	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0013]	-	-	ND [0.0013]	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.0664]	-	-	ND [0.067]	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.001]	-	-	ND [0.001]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	8.05 [0.217]	-	-	8.22 [0.204]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.0753 [0.108] J	-	-	0.075 [0.102] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**10.5 [1.08]**	-	-	**11.2 [1.02]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	118 [0.325]	-	-	115 [0.306]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.16 [0.217] J	-	-	0.166 [0.204] J	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	18.7 [0.433]	-	-	18.7 [0.408]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.367 [0.541] J	-	-	0.348 [0.51] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	ND [0.0258]	-	-	0.0239 [0.0424] J	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C21	B08-C22	B08-C22	B08-C22	B08-C23	B08-C23
					Sample ID:	11TAKU-B08-SO5-C21	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C23
					Lab Sample ID:	29176-18	1118985021	29176-19	29176-19	1118985022	29176-20
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1700	10/6/2011 1706	10/6/2011 1706	10/6/2011 1706	10/6/2011 1709	10/6/2011 1709
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0036]	-	-	ND [0.0035]	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0036]	-	-	ND [0.0035]	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0071]	-	-	ND [0.007]	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.014]	-	-	ND [0.014]	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0071]	-	-	ND [0.007]	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0036]	-	-	ND [0.0035]	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0036]	-	-	ND [0.0035]	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0036]	-	-	ND [0.0035]	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0036]	-	-	ND [0.0035]	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0036]	-	-	ND [0.0035]	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0036]	-	-	ND [0.0035]	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0036]	-	-	ND [0.0035]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.0258] E*	-	-	*ND [0.0236] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.0258] E*	-	-	*ND [0.0236] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.258]	-	-	ND [0.236]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.0498]	-	-	ND [0.0454]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.0129]	-	-	ND [0.0118]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	ND [0.103]	-	-	ND [0.0938]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.103]	-	-	ND [0.0938]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	*ND [0.0258] E*	-	-	*ND [0.0236] E*	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.258]	-	-	ND [0.236]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.258]	-	-	ND [0.236]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C21	B08-C22	B08-C22	B08-C22	B08-C23	B08-C23
					Sample ID:	11TAKU-B08-SO5-C21	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C23
					Lab Sample ID:	29176-18	1118985021	29176-19	29176-19	1118985022	29176-20
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1700	10/6/2011 1706	10/6/2011 1706	10/6/2011 1706	10/6/2011 1709	10/6/2011 1709
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.0129]	-	-	ND [0.0118]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	*ND [0.206] E*	-	-	*ND [0.187] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	-	ND [0.206]	-	-	ND [0.187]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	*ND [0.0258] E*	-	-	*ND [0.0236] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	*ND [0.103] E*	-	-	**0.147 [0.151] J**	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.103]	-	-	ND [0.0938]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.0498]	-	-	ND [0.0454]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.0498]	-	-	ND [0.0454]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	*ND [0.0258] E*	-	-	*ND [0.0236] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.258]	-	-	ND [0.236]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	*ND [0.0258] E*	-	-	*ND [0.0236] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.0129]	-	-	ND [0.0118]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	*ND [0.0498] E*	-	-	*ND [0.0454] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.0498]	-	-	ND [0.0454]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.0498]	-	-	ND [0.0454]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0498]	-	-	ND [0.0454]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.0498]	-	-	ND [0.0454]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.103]	-	-	ND [0.0938]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.0258] E*	-	-	*ND [0.0236] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.0258]	-	-	ND [0.0236]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [2.04]	-	-	ND [2.02]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.674]	-	-	ND [0.67]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.674]	-	-	ND [0.67]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	*ND [0.326] E*	-	-	*ND [0.324] E*	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.169] E*	-	-	*ND [0.168] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.326]	-	-	ND [0.324]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C21	B08-C22	B08-C22	B08-C22	B08-C23	B08-C23
					Sample ID:	11TAKU-B08-SO5-C21	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C23
					Lab Sample ID:	29176-18	1118985021	29176-19	29176-19	1118985022	29176-20
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1700	10/6/2011 1706	10/6/2011 1706	10/6/2011 1706	10/6/2011 1709	10/6/2011 1709
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	*ND [0.169] E*	-	-	*ND [0.168] E*	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.169] E*	-	-	*ND [0.168] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [2.04] E*	-	-	*ND [2.02] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [1.35]	-	-	ND [1.34]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.169] E*	-	-	*ND [0.168] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.169] E*	-	-	*ND [0.168] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	ND [1.35]	-	-	ND [1.34]	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.169] E*	-	-	*ND [0.168] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.63]	-	-	ND [1.62]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.434]	-	-	ND [0.432]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	*ND [0.169] E*	-	-	*ND [0.168] E*	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [1.35] E*	-	-	*ND [1.34] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.169]	-	-	ND [0.168]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.169] E*	-	-	*ND [0.168] E*	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C21	B08-C22	B08-C22	B08-C22	B08-C23	B08-C23
					Sample ID:	11TAKU-B08-SO5-C21	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO4-C22	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C23
					Lab Sample ID:	29176-18	1118985021	29176-19	29176-19	1118985022	29176-20
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1700	10/6/2011 1706	10/6/2011 1706	10/6/2011 1706	10/6/2011 1709	10/6/2011 1709
					Lab ID:	TATW	SGSA	TADC	TATW	SGSA	TADC
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.326]	-	-	ND [0.324]	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	*ND [0.012] E*	-	-	*ND [0.012] E*
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.025]	-	-	ND [0.023]
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	*ND [0.025] E*	-	-	*ND [0.023] E*
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	ND [0.025]	-	-	ND [0.023]
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	ND [0.025]	-	-	ND [0.023]
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	ND [0.012]	-	-	ND [0.012]
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	ND [0.025]	-	-	ND [0.023]
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C23	B08-C24	B08-C24	B08-C24	B08-C25
					Sample ID:	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SB01-C25
					Lab Sample ID:	29176-20	1118985023	29176-21	29176-21	29621-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1709	10/6/2011 1714	10/6/2011 1714	10/6/2011 1714	10/31/2011 1432
					Lab ID:	TATW	SGSA	TADC	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.153]	-	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.153]	-	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.153]	-	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.153]	-	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.153]	-	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.153]	-	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.153]	-	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.153]	-	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.153]	-	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.153]	-	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.153]	-	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.153]	-	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.153]	-	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.153]	-	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.153]	-	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.153]	-	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.153]	-	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.153]	-	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	ND [1.82]	-	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	**838 [101]**	-	-	ND [5.9]
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	19.3 [20.2] J	-	-	ND [30]
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0125]	-	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0125]	-	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.0095]	-	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	*ND [0.0095] E*	-	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.0095]	-	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.0095]	-	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0125]	-	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.0125]	-	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.0095]	-	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.0095]	-	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0302]	-	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	ND [0.302]	-	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.0095]	-	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	*ND [0.0125] E*	-	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0125]	-	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0125]	-	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.0125]	-	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.0125]	-	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0125]	-	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0125]	-	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.626]	-	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.0095]	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	3.57 [0.199]	-	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	ND [0.0616]	-	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**5.14 [0.995]**	-	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	64.7 [0.298]	-	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.0806 [0.199] J	-	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	11.4 [0.398]	-	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	ND [0.298]	-	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	ND [0.0244]	-	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C23	B08-C24	B08-C24	B08-C24	B08-C25
					Sample ID:	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SB01-C25
					Lab Sample ID:	29176-20	1118985023	29176-21	29176-21	29621-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1709	10/6/2011 1714	10/6/2011 1714	10/6/2011 1714	10/31/2011 1432
					Lab ID:	TATW	SGSA	TADC	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0034]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0034] JM-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0069]	-	-	ND [0.0068]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.014]	-	-	ND [0.014]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0069]	-	-	ND [0.0068] JM-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0035]	-	-	ND [0.0034]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0034]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0035]	-	-	ND [0.0034]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0034]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0034]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0035]	-	-	ND [0.0034]	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0035]	-	-	ND [0.0034]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.0189]	-	-	ND [0.019]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.0189]	-	-	ND [0.019]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.0063]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.0063]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.0189]	-	-	ND [0.019]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.0189] E*	-	-	*ND [0.019] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.0189] E*	-	-	*ND [0.019] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.189]	-	-	ND [0.094]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.0364]	-	-	ND [0.013]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.0189]	-	-	ND [0.019]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.0189]	-	-	ND [0.019]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.0189]	-	-	ND [0.019]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	ND [0.0189]	-	-	ND [0.019]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.0094]	-	-	ND [0.0094]
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	ND [0.075]	-	-	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.0189]	-	-	ND [0.019]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.0189]	-	-	ND [0.019]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.075]	-	-	ND [0.019]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	ND [0.0189]	-	-	ND [0.0094]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.189]	-	-	ND [0.094]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.189]	-	-	ND [0.19]

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C23	B08-C24	B08-C24	B08-C24	B08-C25
					Sample ID:	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SB01-C25
					Lab Sample ID:	29176-20	1118985023	29176-21	29176-21	29621-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1709	10/6/2011 1714	10/6/2011 1714	10/6/2011 1714	10/31/2011 1432
					Lab ID:	TATW	SGSA	TADC	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.0189]	-	-	ND [0.019]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.0094]	-	-	ND [0.0063]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.0189]	-	-	ND [0.019]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	ND [0.15]	-	-	ND [0.063]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	ND [0.0189]	-	-	ND [0.19]
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	-	ND [0.15]	-	-	ND [0.19]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	*ND [0.0189] E*	-	-	ND [0.0031]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	**0.108 [0.121] J**	-	-	0.0073 [0.025] J
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.075]	-	-	ND [0.019]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.0189]	-	-	ND [0.019]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.0189]	-	-	ND [0.019]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	ND [0.0189]	-	-	ND [0.0094]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.0364]	-	-	ND [0.019]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.0364]	-	-	ND [0.019]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	ND [0.019]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	*ND [0.0189] E*	-	-	ND [0.0063]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.189]	-	-	ND [0.19]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	*ND [0.0189] E*	-	-	ND [0.0055]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.0094]	-	-	ND [0.0063]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	*ND [0.0364] E*	-	-	ND [0.0055]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.0364]	-	-	ND [0.019]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.0364]	-	-	ND [0.019]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0364]	-	-	ND [0.019]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.0189]	-	-	ND [0.019]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.0364]	-	-	ND [0.019]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.075]	-	-	ND [0.094]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.0189] E*	-	-	*ND [0.019] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.0189]	-	-	ND [0.019]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.0189]	-	-	ND [0.019]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [1.89]	-	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.624]	-	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.157]	-	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.157]	-	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.157]	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.157]	-	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.624]	-	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.157]	-	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	*ND [0.302] E*	-	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.157]	-	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.157]	-	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.157] E*	-	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.157]	-	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.157]	-	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.302]	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C23	B08-C24	B08-C24	B08-C24	B08-C25
					Sample ID:	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SB01-C25
					Lab Sample ID:	29176-20	1118985023	29176-21	29176-21	29621-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1709	10/6/2011 1714	10/6/2011 1714	10/6/2011 1714	10/31/2011 1432
					Lab ID:	TATW	SGSA	TADC	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	*ND [0.157] E*	-	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.157]	-	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.157]	-	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.157]	-	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.157] E*	-	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.157]	-	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.157]	-	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.157]	-	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.157]	-	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.157]	-	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.157]	-	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.157]	-	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.157]	-	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.157]	-	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.157]	-	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.157]	-	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [1.89] E*	-	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [1.25]	-	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.157]	-	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.157]	-	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.157]	-	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.157]	-	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.157] E*	-	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.157] E*	-	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	ND [1.25]	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.157] E*	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.51]	-	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.157]	-	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.157]	-	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.402]	-	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.157]	-	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.157]	-	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.157]	-	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.157]	-	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.157]	-	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.157]	-	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.157]	-	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.157]	-	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	*ND [0.157] E*	-	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [1.25] E*	-	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.157]	-	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.157]	-	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.157]	-	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.157]	-	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.157]	-	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.157]	-	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.157]	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.157]	-	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.157]	-	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.157]	-	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.157]	-	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.157] E*	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C23	B08-C24	B08-C24	B08-C24	B08-C25
					Sample ID:	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SO2-C24	11TAKU-B08-SB01-C25
					Lab Sample ID:	29176-20	1118985023	29176-21	29176-21	29621-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1709	10/6/2011 1714	10/6/2011 1714	10/6/2011 1714	10/31/2011 1432
					Lab ID:	TATW	SGSA	TADC	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.302]	-	-	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	ND [0.012]	-	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	*ND [0.012] E*	-	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	ND [0.012]	-	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.012]	-	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	ND [0.012]	-	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	ND [0.024]	-	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	ND [0.012]	-	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	*ND [0.024] E*	-	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	ND [0.012]	-	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	ND [0.012]	-	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	ND [0.024]	-	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	ND [0.024]	-	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	ND [0.012]	-	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	ND [0.024]	-	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C26	B08-C27	B08-C28	B08-C29	B08-C30
					Sample ID:	11TAKU-B08-SB01-C26	11TAKU-B08-SB01-C27	11TAKU-B08-SB02-C28	11TAKU-B08-SB02-C29	11TAKU-B08-SB02-C30
					Lab Sample ID:	29621-2	29621-3	29621-4	29621-5	29621-6
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1441	10/31/2011 1450	10/31/2011 1520	10/31/2011 1525	10/31/2011 1525
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	-	-	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	-	-	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	-	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	-	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	-	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	-	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	-	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	-	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	-	-	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	-	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	-	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	-	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	-	-	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	-	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	-	-	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	-	-	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	-	-	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	-	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	-	-	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [6.1]	**4800 [21]**	3.6 [20] J	ND [6]	13 [20] J
AK103	-	Residual Range Organics	mg/kg	10000*	-	ND [31]	23 [53] J	ND [32]	ND [31]	ND [31]
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	-	-	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	-	-	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	-	-	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	-	-	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	-	-	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	-	-	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	-	-	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	-	-	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	-	-	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	-	-	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	-	-	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	-	-	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	-	-	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	-	-	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	-	-	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	-	-	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	-	-	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	-	-	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	-	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	-	-	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	-	-	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	-	-	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	-	-	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	-	-	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	-	-	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	-	-	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	-	-	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C26	B08-C27	B08-C28	B08-C29	B08-C30
					Sample ID:	11TAKU-B08-SB01-C26	11TAKU-B08-SB01-C27	11TAKU-B08-SB02-C28	11TAKU-B08-SB02-C29	11TAKU-B08-SB02-C30
					Lab Sample ID:	29621-2	29621-3	29621-4	29621-5	29621-6
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1441	10/31/2011 1450	10/31/2011 1520	10/31/2011 1525	10/31/2011 1525
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	-	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-	-	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-	-	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-	-	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	-	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-	-	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-	-	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-	-	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-	-	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-	-	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-	-	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-	-	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0082]	ND [0.0075]	ND [0.0061]	ND [0.0071]	ND [0.0061]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0082]	ND [0.0075]	ND [0.0061]	ND [0.0071]	ND [0.0061]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.024]	0.053 [0.03]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.024] E*	*ND [0.023] E*	*ND [0.018] E*	*ND [0.021] E*	*ND [0.018] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.024] E*	*ND [0.023] E*	*ND [0.018] E*	*ND [0.021] E*	*ND [0.018] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.12]	ND [0.11]	ND [0.092]	ND [0.11]	ND [0.092]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.016]	0.021 [0.03] J	ND [0.012]	ND [0.014]	ND [0.012]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.024]	0.0093 [0.03] J	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.012]	ND [0.011]	ND [0.0092]	ND [0.011]	ND [0.0092]
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	-	-	-	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.024]	0.045 [0.03]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.012]	ND [0.011]	ND [0.0092]	ND [0.011]	ND [0.0092]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.12]	ND [0.11]	ND [0.092]	ND [0.11]	ND [0.092]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.24]	ND [0.23]	ND [0.18]	ND [0.21]	ND [0.18]

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C26	B08-C27	B08-C28	B08-C29	B08-C30
					Sample ID:	11TAKU-B08-SB01-C26	11TAKU-B08-SB01-C27	11TAKU-B08-SB02-C28	11TAKU-B08-SB02-C29	11TAKU-B08-SB02-C30
					Lab Sample ID:	29621-2	29621-3	29621-4	29621-5	29621-6
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1441	10/31/2011 1450	10/31/2011 1520	10/31/2011 1525	10/31/2011 1525
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0082]	ND [0.0075]	ND [0.0061]	ND [0.0071]	ND [0.0061]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.082]	ND [0.075]	ND [0.061]	ND [0.071]	ND [0.061]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.24] E*	*ND [0.23] E*	ND [0.18]	ND [0.21]	ND [0.18]
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.24]	ND [0.23]	ND [0.18]	ND [0.21]	ND [0.18]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0041]	ND [0.0038]	ND [0.0031]	ND [0.0035]	ND [0.0031]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.024] E*	0.0087 [0.03] J	0.0092 [0.025] J	0.014 [0.028] J	*ND [0.018] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.024]	ND [0.023]	0.0062 [0.025] J	ND [0.021]	ND [0.018]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.012]	ND [0.011]	ND [0.0092]	ND [0.011]	ND [0.0092]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0082]	ND [0.0075]	ND [0.0061]	ND [0.0071]	ND [0.0061]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.24]	ND [0.23]	ND [0.18]	ND [0.21]	ND [0.18]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0072]	ND [0.0066]	ND [0.0054]	ND [0.0062]	ND [0.0054]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0082]	ND [0.0075]	ND [0.0061]	ND [0.0071]	ND [0.0061]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0072]	ND [0.0066]	ND [0.0054]	ND [0.0062]	ND [0.0054]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.024]	0.36 [0.03]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.024]	ND [0.023]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.024]	0.015 [0.03] J	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.12]	ND [0.11]	ND [0.092]	ND [0.11]	ND [0.092]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.024] E*	*ND [0.023] E*	*ND [0.018] E*	*ND [0.021] E*	*ND [0.018] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.024]	0.074 [0.03]	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.024]	0.014 [0.03] J	ND [0.018]	ND [0.021]	ND [0.018]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.024]	0.5 [0.03]	ND [0.018]	ND [0.021]	ND [0.018]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	-	-	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	-	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	-	-	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	-	-	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	-	-	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	-	-	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	-	-	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	-	-	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	-	-	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	-	-	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	-	-	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C26	B08-C27	B08-C28	B08-C29	B08-C30
					Sample ID:	11TAKU-B08-SB01-C26	11TAKU-B08-SB01-C27	11TAKU-B08-SB02-C28	11TAKU-B08-SB02-C29	11TAKU-B08-SB02-C30
					Lab Sample ID:	29621-2	29621-3	29621-4	29621-5	29621-6
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1441	10/31/2011 1450	10/31/2011 1520	10/31/2011 1525	10/31/2011 1525
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	-	-	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	-	-	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	-	-	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	-	-	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	-	-	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	-	-	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	-	-	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	-	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	-	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	-	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	-	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	-	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	-	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	-	-	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	-	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	-	-	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	-	-	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	-	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	-	-	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	-	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	-	-	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	-	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	-	-	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	-	-	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	-	-	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	-	-	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	-	-	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	-	-	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	-	-	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	-	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	-	-	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	-	-	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	-	-	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	-	-	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	-	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	-	-	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	-	-	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	-	-	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	-	-	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	-	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	-	-	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	-	-	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	-	-	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	-	-	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	-	-	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C26	B08-C27	B08-C28	B08-C29	B08-C30
					Sample ID:	11TAKU-B08-SB01-C26	11TAKU-B08-SB01-C27	11TAKU-B08-SB02-C28	11TAKU-B08-SB02-C29	11TAKU-B08-SB02-C30
					Lab Sample ID:	29621-2	29621-3	29621-4	29621-5	29621-6
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1441	10/31/2011 1450	10/31/2011 1520	10/31/2011 1525	10/31/2011 1525
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	-	-	-	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C31	B08-C32	B08-C33	B08-C34	B08-C35
					Sample ID:	11TAKU-B08-SB02-C31	11TAKU-B08-SB03-C32	11TAKU-B08-SB03-C33	11TAKU-B08-SB03-C34	11TAKU-B08-SB04-C35
					Lab Sample ID:	29621-7	29621-8	29621-9	29621-10	29621-11
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1535	10/31/2011 1556	10/31/2011 1601	10/31/2011 1605	10/31/2011 1629
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	-	-	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	-	-	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	-	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	-	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	-	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	-	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	-	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	-	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	-	-	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	-	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	-	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	-	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	-	-	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	-	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	-	-	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	-	-	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	-	-	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	-	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	-	-	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	2.3 [21] J	2.4 [20] J	ND [6.1]	2.8 [22] J	5.1 [26] J
AK103	-	Residual Range Organics	mg/kg	10000*	-	ND [33]	10 [49] J,JC+	ND [31]	ND [35]	13 [64] J,JC+
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	-	-	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	-	-	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	-	-	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	-	-	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	-	-	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	-	-	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	-	-	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	-	-	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	-	-	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	-	-	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	-	-	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	-	-	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	-	-	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	-	-	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	-	-	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	-	-	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	-	-	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	-	-	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	-	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	-	-	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	-	-	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	-	-	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	-	-	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	-	-	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	-	-	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	-	-	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	-	-	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C31	B08-C32	B08-C33	B08-C34	B08-C35
					Sample ID:	11TAKU-B08-SB02-C31	11TAKU-B08-SB03-C32	11TAKU-B08-SB03-C33	11TAKU-B08-SB03-C34	11TAKU-B08-SB04-C35
					Lab Sample ID:	29621-7	29621-8	29621-9	29621-10	29621-11
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1535	10/31/2011 1556	10/31/2011 1601	10/31/2011 1605	10/31/2011 1629
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	-	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-	-	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-	-	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-	-	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	-	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-	-	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-	-	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-	-	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-	-	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-	-	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-	-	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-	-	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0054]	ND [0.0051]	ND [0.0071]	ND [0.0052] JS-	ND [0.0084]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0054]	ND [0.0051]	ND [0.0071]	ND [0.0052] JS-	ND [0.0084]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.016] E*	*ND [0.015] E*	*ND [0.021] E*	*ND [0.016] E, JS-*	*ND [0.025] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	ND [0.016]	ND [0.015]	*ND [0.021] E*	ND [0.016] JS-	*ND [0.025] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.081]	ND [0.076]	ND [0.11]	ND [0.078] JS-	ND [0.13]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.011]	ND [0.01]	ND [0.014]	ND [0.01] JS-	ND [0.017]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0081]	ND [0.0076]	ND [0.011]	ND [0.0078] JS-	ND [0.013]
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	-	-	-	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0081]	ND [0.0076]	ND [0.011]	ND [0.0078] JS-	ND [0.013]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.081]	ND [0.076]	ND [0.11]	ND [0.078] JS-	ND [0.13]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.16]	ND [0.15]	ND [0.21]	ND [0.16] JS-	ND [0.25]

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C31	B08-C32	B08-C33	B08-C34	B08-C35
					Sample ID:	11TAKU-B08-SB02-C31	11TAKU-B08-SB03-C32	11TAKU-B08-SB03-C33	11TAKU-B08-SB03-C34	11TAKU-B08-SB04-C35
					Lab Sample ID:	29621-7	29621-8	29621-9	29621-10	29621-11
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1535	10/31/2011 1556	10/31/2011 1601	10/31/2011 1605	10/31/2011 1629
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0054]	ND [0.0051]	ND [0.0071]	ND [0.0052] JS-	ND [0.0084]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.054]	ND [0.051]	ND [0.071]	ND [0.052] JS-	ND [0.084]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.16]	ND [0.15]	ND [0.21]	ND [0.16] JS-	*ND [0.25] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.16]	ND [0.15]	ND [0.21]	ND [0.16] JS-	ND [0.25]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0027]	ND [0.0025]	ND [0.0036]	ND [0.0026] JS-	ND [0.0042]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	ND [0.016]	0.0059 [0.02] J	0.01 [0.029] J	0.0065 [0.021] J, JS-	*ND [0.025] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0081]	ND [0.0076]	ND [0.011]	ND [0.0078] JS-	ND [0.013]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0054]	ND [0.0051]	ND [0.0071]	ND [0.0052] JS-	ND [0.0084]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.16]	ND [0.15]	ND [0.21]	0.052 [0.21] J, JS-	ND [0.25]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0048]	ND [0.0045]	ND [0.0063]	ND [0.0046] JS-	ND [0.0074]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0054]	ND [0.0051]	ND [0.0071]	ND [0.0052] JS-	ND [0.0084]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0048]	ND [0.0045]	ND [0.0063]	ND [0.0046] JS-	ND [0.0074]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.081]	ND [0.076]	ND [0.11]	ND [0.078] JS-	ND [0.13]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.016] E*	*ND [0.015] E*	*ND [0.021] E*	*ND [0.016] E, JS-*	*ND [0.025] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016] JS-	ND [0.025]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.016]	ND [0.015]	ND [0.021]	ND [0.016]	ND [0.025]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	-	-	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	-	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	-	-	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	-	-	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	-	-	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	-	-	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	-	-	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	-	-	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	-	-	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	-	-	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	-	-	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C31	B08-C32	B08-C33	B08-C34	B08-C35
					Sample ID:	11TAKU-B08-SB02-C31	11TAKU-B08-SB03-C32	11TAKU-B08-SB03-C33	11TAKU-B08-SB03-C34	11TAKU-B08-SB04-C35
					Lab Sample ID:	29621-7	29621-8	29621-9	29621-10	29621-11
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1535	10/31/2011 1556	10/31/2011 1601	10/31/2011 1605	10/31/2011 1629
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	-	-	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	-	-	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	-	-	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	-	-	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	-	-	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	-	-	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	-	-	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	-	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	-	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	-	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	-	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	-	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	-	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	-	-	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	-	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	-	-	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	-	-	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	-	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	-	-	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	-	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	-	-	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	-	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	-	-	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	-	-	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	-	-	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	-	-	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	-	-	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	-	-	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	-	-	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	-	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	-	-	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	-	-	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	-	-	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	-	-	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	-	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	-	-	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	-	-	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	-	-	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	-	-	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	-	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	-	-	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	-	-	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	-	-	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	-	-	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	-	-	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C31	B08-C32	B08-C33	B08-C34	B08-C35
					Sample ID:	11TAKU-B08-SB02-C31	11TAKU-B08-SB03-C32	11TAKU-B08-SB03-C33	11TAKU-B08-SB03-C34	11TAKU-B08-SB04-C35
					Lab Sample ID:	29621-7	29621-8	29621-9	29621-10	29621-11
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1535	10/31/2011 1556	10/31/2011 1601	10/31/2011 1605	10/31/2011 1629
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	-	-	-	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C36	B08-C37	B08-C38	B08-W01	B08-W01
					Sample ID:	11TAKU-B08-SB04-C36	11TAKU-B08-SB04-C37	11TAKU-B08-SB04-C38	11TAKU-B08-SO1-W01	11TAKU-B08-SO1-W01
					Lab Sample ID:	29621-12	29621-13	29621-14	1118819001	28577-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1629	10/31/2011 1634	10/31/2011 1639	9/8/2011 1259	9/8/2011 1259
					Lab ID:	TATW	TATW	TATW	SGSA	TATW
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	-	-	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	-	-	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	-	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	-	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	-	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	-	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	-	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	-	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	-	-	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	-	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	-	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	-	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	-	-	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	-	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	-	-	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	-	-	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	-	-	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	-	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	-	-	ND [2.74]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	5 [26] J	ND [6.1]	ND [7.2]	**5870 [218]**	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	17 [65] J,JC+	ND [31]	ND [37]	168 [21.8]	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	-	-	ND [0.0067]	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	-	-	ND [0.0067]	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	-	-	ND [0.0051]	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	-	-	ND [0.0051]	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	-	-	ND [0.0051]	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	-	-	ND [0.0051]	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	-	-	ND [0.0067]	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	-	-	0.0378 [0.0109]	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	-	-	ND [0.0051]	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	-	-	ND [0.0051]	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	-	-	ND [0.0163]	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	-	-	ND [0.0051]	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	-	-	ND [0.0067]	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	-	-	ND [0.0067]	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	-	-	ND [0.0067]	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	-	-	ND [0.0067]	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	-	-	ND [0.0067]	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	-	-	ND [0.0067]	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	-	-	ND [0.0067]	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	-	-	ND [0.338]	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	-	-	ND [0.0051]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	-	-	7.27 [0.204]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	-	-	0.0662 [0.102] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	-	-	**11.6 [1.02]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	-	-	110 [0.306]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	-	-	0.158 [0.204] J	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	-	-	18.9 [0.407]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	-	-	0.321 [0.509] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	-	-	ND [0.0256]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C36	B08-C37	B08-C38	B08-W01	B08-W01
					Sample ID:	11TAKU-B08-SB04-C36	11TAKU-B08-SB04-C37	11TAKU-B08-SB04-C38	11TAKU-B08-SO1-W01	11TAKU-B08-SO1-W01
					Lab Sample ID:	29621-12	29621-13	29621-14	1118819001	28577-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1629	10/31/2011 1634	10/31/2011 1639	9/8/2011 1259	9/8/2011 1259
					Lab ID:	TATW	TATW	TATW	SGSA	TATW
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	-	-	ND [0.0036] JM-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-	-	-	ND [0.0036] JM-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-	-	-	ND [0.0071]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-	-	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	-	-	ND [0.0071] JM-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-	-	-	ND [0.0036]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-	-	-	ND [0.0036]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-	-	-	ND [0.0036] JM-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-	-	-	ND [0.0036]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-	-	-	ND [0.0036]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-	-	-	ND [0.0036]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-	-	-	ND [0.0036] JM-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0081]	ND [0.0055]	ND [0.005]	ND [0.0284]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0081]	ND [0.0055]	ND [0.005]	ND [0.0284]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.024] E*	*ND [0.016] E*	*ND [0.015] E*	*ND [0.0284] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.024] E*	ND [0.016]	ND [0.015]	*ND [0.0284] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.12]	ND [0.082]	ND [0.075]	ND [0.284]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.016]	ND [0.011]	ND [0.01]	ND [0.0548]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.012]	ND [0.0082]	ND [0.0075]	ND [0.0142]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	-	-	ND [0.113]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.113]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.012]	ND [0.0082]	ND [0.0075]	*ND [0.0284] E*	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.12]	ND [0.082]	ND [0.075]	ND [0.284]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.24]	ND [0.16]	ND [0.15]	ND [0.284]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C36	B08-C37	B08-C38	B08-W01	B08-W01
					Sample ID:	11TAKU-B08-SB04-C36	11TAKU-B08-SB04-C37	11TAKU-B08-SB04-C38	11TAKU-B08-SO1-W01	11TAKU-B08-SO1-W01
					Lab Sample ID:	29621-12	29621-13	29621-14	1118819001	28577-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1629	10/31/2011 1634	10/31/2011 1639	9/8/2011 1259	9/8/2011 1259
					Lab ID:	TATW	TATW	TATW	SGSA	TATW
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0081]	ND [0.0055]	ND [0.005]	ND [0.0142]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.081]	ND [0.055]	ND [0.05]	*ND [0.226] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.24] E*	ND [0.16]	ND [0.15]	ND [0.0284]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.24]	ND [0.16]	ND [0.15]	ND [0.226]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.004]	ND [0.0027]	ND [0.0025]	*ND [0.0284] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.024] E*	ND [0.016]	ND [0.015]	*ND [0.113] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.113]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.012]	ND [0.0082]	ND [0.0075]	ND [0.0284]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0548]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0548]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.024]	ND [0.016]	ND [0.015]	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0081]	ND [0.0055]	ND [0.005]	*ND [0.0284] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.24]	ND [0.16]	ND [0.15]	ND [0.284]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0071]	ND [0.0048]	ND [0.0044]	*ND [0.0284] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0081]	ND [0.0055]	ND [0.005]	ND [0.0142]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0071]	ND [0.0048]	ND [0.0044]	*ND [0.0548] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0548]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0548]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0548]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0548]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.12]	ND [0.082]	ND [0.075]	ND [0.113]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.024] E*	*ND [0.016] E*	*ND [0.015] E*	*ND [0.0284] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.024]	ND [0.016]	ND [0.015]	ND [0.0284]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	-	-	ND [2]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-	-	ND [0.662]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	-	-	ND [0.166]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	ND [0.166]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	ND [0.166]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	-	-	ND [0.166]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	-	-	ND [0.662]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	-	-	ND [0.166]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	-	-	*ND [0.32] E*	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	-	-	ND [0.166]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	-	-	ND [0.166]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	-	-	*ND [0.166] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	ND [0.166]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	-	-	ND [0.166]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	-	-	ND [0.32]	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C36	B08-C37	B08-C38	B08-W01	B08-W01
					Sample ID:	11TAKU-B08-SB04-C36	11TAKU-B08-SB04-C37	11TAKU-B08-SB04-C38	11TAKU-B08-SO1-W01	11TAKU-B08-SO1-W01
					Lab Sample ID:	29621-12	29621-13	29621-14	1118819001	28577-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1629	10/31/2011 1634	10/31/2011 1639	9/8/2011 1259	9/8/2011 1259
					Lab ID:	TATW	TATW	TATW	SGSA	TATW
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	-	-	*ND [0.166] E*	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	-	-	ND [0.166]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	-	-	ND [0.166]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	-	-	ND [0.166]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	*ND [0.166] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	-	-	ND [0.166]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	-	-	ND [0.166]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	-	-	ND [0.166]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	-	ND [0.166]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	-	ND [0.166]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	-	ND [0.166]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	-	ND [0.166]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	-	ND [0.166]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	-	ND [0.166]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	-	-	ND [0.166]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	-	ND [0.166]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	-	-	*ND [2] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	-	-	ND [1.32]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	-	ND [0.166]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	-	-	ND [0.166]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	-	ND [0.166]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	ND [0.166]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	*ND [0.166] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	-	-	*ND [0.166] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	-	-	ND [1.32]	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	*ND [0.166] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	-	-	ND [1.6]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	-	-	ND [0.166]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	ND [0.166]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	-	-	ND [0.426]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	-	-	ND [0.166]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	-	-	ND [0.166]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	-	-	ND [0.166]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	-	-	ND [0.166]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	-	ND [0.166]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	-	-	ND [0.166]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	-	-	ND [0.166]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	-	-	ND [0.166]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	-	-	*ND [0.166] E*	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-	-	*ND [1.32] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	-	-	ND [0.166]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	-	-	ND [0.166]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	-	-	ND [0.166]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	-	-	ND [0.166]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	-	ND [0.166]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	-	-	ND [0.166]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	-	-	ND [0.166]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	-	-	ND [0.166]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	-	-	ND [0.166]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	-	-	ND [0.166]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	-	-	ND [0.166]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	*ND [0.166] E*	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-C36	B08-C37	B08-C38	B08-W01	B08-W01
					Sample ID:	11TAKU-B08-SB04-C36	11TAKU-B08-SB04-C37	11TAKU-B08-SB04-C38	11TAKU-B08-SO1-W01	11TAKU-B08-SO1-W01
					Lab Sample ID:	29621-12	29621-13	29621-14	1118819001	28577-1
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	10/31/2011 1629	10/31/2011 1634	10/31/2011 1639	9/8/2011 1259	9/8/2011 1259
					Lab ID:	TATW	TATW	TATW	SGSA	TATW
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**					
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	-	-	ND [0.32]	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-W02	B08-W02	B08-TB01	B08-TB02	TB03	B08-TB04
					Sample ID:	11TAKU-B08-SO2-W02	11TAKU-B08-SO2-W02	11TAKU-B08-TB01	11TAKU-B08-TB02	11TAKU-B08-TB03	11TAKU-B08-TB04
					Lab Sample ID:	1118819002	28577-2	1118819003	1118873004	1118985024	29621-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/8/2011 1311	9/8/2011 1311	9/8/2011 1259	9/19/2011 0800	10/6/2011 0800	10/31/2011 0800
					Lab ID:	SGSA	TATW	SGSA	SGSA	SGSA	TATW
					QA/QC:	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	-	-	-	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	-	-	-	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-	-	-	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-	-	-	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-	-	-	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	-	-	-	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-	-	-	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	-	-	-	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	-	-	-	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-	-	-	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-	-	-	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-	-	-	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	-	-	-	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	-	-	-	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	-	-	-	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	-	-	-	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	-	-	-	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-	-	-	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	1.66 [2.69] J	-	ND [1.6]	ND [1.56]	ND [1.53]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	**2830 [204]**	-	-	-	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	142 [20.4]	-	-	-	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.0063]	-	-	-	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.0063]	-	-	-	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.0048]	-	-	-	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.0048]	-	-	-	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.0048]	-	-	-	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.0048]	-	-	-	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.0063]	-	-	-	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	0.0162 [0.0102] JS+	-	-	-	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.0048]	-	-	-	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.0048]	-	-	-	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.0153]	-	-	-	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	-	-	-	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.0048]	-	-	-	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.0063]	-	-	-	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.0063]	-	-	-	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.0063]	-	-	-	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	0.0154 [0.0102] JS+	-	-	-	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.0063]	-	-	-	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.0063]	-	-	-	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.0063]	-	-	-	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.316]	-	-	-	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.0048]	-	-	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	13.9 [0.199]	-	-	-	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.0682 [0.0997] J	-	-	-	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**12 [0.997]**	-	-	-	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	106 [0.299]	-	-	-	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.183 [0.199] J	-	-	-	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	16.6 [0.399]	-	-	-	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.418 [0.498] J	-	-	-	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	ND [0.0244]	-	-	-	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-W02	B08-W02	B08-TB01	B08-TB02	TB03	B08-TB04
					Sample ID:	11TAKU-B08-SO2-W02	11TAKU-B08-SO2-W02	11TAKU-B08-TB01	11TAKU-B08-TB02	11TAKU-B08-TB03	11TAKU-B08-TB04
					Lab Sample ID:	1118819002	28577-2	1118819003	1118873004	1118985024	29621-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/8/2011 1311	9/8/2011 1311	9/8/2011 1259	9/19/2011 0800	10/6/2011 0800	10/31/2011 0800
					Lab ID:	SGSA	TATW	SGSA	SGSA	SGSA	TATW
					QA/QC:	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0033]	-	-	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0033]	-	-	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0065]	-	-	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.013]	-	-	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0065]	-	-	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0033]	-	-	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0033]	-	-	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0033]	-	-	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0033]	-	-	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0033]	-	-	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0033]	-	-	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0033]	-	-	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.01]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.01]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0168] E*	-	*ND [0.0166] E*	*ND [0.0162] E*	*ND [0.0159] E*	*ND [0.03] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0168] E*	-	*ND [0.0166] E*	*ND [0.0162] E*	ND [0.0159]	*ND [0.03] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.168]	-	ND [0.166]	ND [0.162]	ND [0.159]	ND [0.15]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0322]	-	ND [0.032]	ND [0.0312]	ND [0.0306]	ND [0.02]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0084]	-	ND [0.0083]	ND [0.0081]	ND [0.0079]	ND [0.015]
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.0668]	-	ND [0.066]	ND [0.0644]	ND [0.0632]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.0668]	-	ND [0.066]	ND [0.0644]	ND [0.0632]	ND [0.03]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.015]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.168]	-	ND [0.166]	ND [0.162]	ND [0.159]	ND [0.15]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.168]	-	ND [0.166]	ND [0.162]	ND [0.159]	ND [0.3]

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-W02	B08-W02	B08-TB01	B08-TB02	TB03	B08-TB04
					Sample ID:	11TAKU-B08-SO2-W02	11TAKU-B08-SO2-W02	11TAKU-B08-TB01	11TAKU-B08-TB02	11TAKU-B08-TB03	11TAKU-B08-TB04
					Lab Sample ID:	1118819002	28577-2	1118819003	1118873004	1118985024	29621-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/8/2011 1311	9/8/2011 1311	9/8/2011 1259	9/19/2011 0800	10/6/2011 0800	10/31/2011 0800
					Lab ID:	SGSA	TATW	SGSA	SGSA	SGSA	TATW
					QA/QC:	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0084]	-	ND [0.0083]	ND [0.0081]	ND [0.0079]	ND [0.01]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.133]	-	ND [0.132]	ND [0.129]	ND [0.126]	ND [0.1]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	*ND [0.3] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.133]	-	ND [0.132]	ND [0.129]	ND [0.126]	ND [0.3]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0168] E*	-	*ND [0.0166] E*	*ND [0.0162] E*	*ND [0.0159] E*	ND [0.005]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.0668] E*	-	*ND [0.066] E*	*ND [0.0644] E*	*ND [0.0632] E*	*ND [0.03] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.0668]	-	ND [0.066]	ND [0.0644]	ND [0.0632]	ND [0.03]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.015]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0322]	-	ND [0.032]	0.0807 [0.0519]	ND [0.0306]	ND [0.03]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0322]	-	ND [0.032]	ND [0.0312]	ND [0.0306]	ND [0.03]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	ND [0.03]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.01]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.168]	-	ND [0.166]	ND [0.162]	ND [0.159]	ND [0.3]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.0088]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0084]	-	ND [0.0083]	ND [0.0081]	ND [0.0079]	ND [0.01]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0322] E*	-	*ND [0.032] E*	*ND [0.0312] E*	*ND [0.0306] E*	ND [0.0088]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0322]	-	ND [0.032]	ND [0.0312]	ND [0.0306]	ND [0.03]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0322]	-	ND [0.032]	ND [0.0312]	ND [0.0306]	ND [0.03]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0322]	-	ND [0.032]	ND [0.0312]	ND [0.0306]	ND [0.03]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0322]	-	ND [0.032]	ND [0.0312]	ND [0.0306]	ND [0.03]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.0668]	-	ND [0.066]	ND [0.0644]	ND [0.0632]	ND [0.15]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0168] E*	-	*ND [0.0166] E*	*ND [0.0162] E*	*ND [0.0159] E*	*ND [0.03] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0168]	-	ND [0.0166]	ND [0.0162]	ND [0.0159]	ND [0.03]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [9.66]	-	-	-	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [3.18]	-	-	-	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.802]	-	-	-	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.802]	-	-	-	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.802]	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.802]	-	-	-	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	*ND [3.18] E*	-	-	-	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	*ND [0.802] E*	-	-	-	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [1.54] E*	-	-	-	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.802]	-	-	-	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.802]	-	-	-	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.802] E*	-	-	-	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.802]	-	-	-	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.802]	-	-	-	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [1.54]	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-W02	B08-W02	B08-TB01	B08-TB02	TB03	B08-TB04
					Sample ID:	11TAKU-B08-SO2-W02	11TAKU-B08-SO2-W02	11TAKU-B08-TB01	11TAKU-B08-TB02	11TAKU-B08-TB03	11TAKU-B08-TB04
					Lab Sample ID:	1118819002	28577-2	1118819003	1118873004	1118985024	29621-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/8/2011 1311	9/8/2011 1311	9/8/2011 1259	9/19/2011 0800	10/6/2011 0800	10/31/2011 0800
					Lab ID:	SGSA	TATW	SGSA	SGSA	SGSA	TATW
					QA/QC:	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [0.802] E*	-	-	-	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.802]	-	-	-	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.802]	-	-	-	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.802]	-	-	-	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.802] E*	-	-	-	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.802]	-	-	-	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.802]	-	-	-	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.802]	-	-	-	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.802]	-	-	-	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.802]	-	-	-	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.802]	-	-	-	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.802]	-	-	-	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.802]	-	-	-	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.802]	-	-	-	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.802]	-	-	-	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	*ND [0.802] E*	-	-	-	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [9.66] E*	-	-	-	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [6.38]	-	-	-	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	*ND [0.802] E*	-	-	-	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.802]	-	-	-	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.802]	-	-	-	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.802]	-	-	-	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.802] E*	-	-	-	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.802] E*	-	-	-	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [6.38]	-	-	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.802] E*	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [7.71]	-	-	-	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	*ND [0.802] E*	-	-	-	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.802]	-	-	-	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	*ND [2.06] E*	-	-	-	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.802]	-	-	-	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.802]	-	-	-	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.802]	-	-	-	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.802]	-	-	-	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.802]	-	-	-	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.802]	-	-	-	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.802]	-	-	-	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.802]	-	-	-	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [0.802] E*	-	-	-	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [6.38] E*	-	-	-	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.802]	-	-	-	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.802]	-	-	-	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.802]	-	-	-	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.802]	-	-	-	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.802]	-	-	-	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.802]	-	-	-	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	*ND [0.802] E*	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.802]	-	-	-	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.802]	-	-	-	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.802]	-	-	-	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.802]	-	-	-	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [0.802] E*	-	-	-	-	-

Table B-1-2a
2011 Former Communications Site Construction Support - Area B8 Laboratory Results

					Location ID:	B08-W02	B08-W02	B08-TB01	B08-TB02	TB03	B08-TB04
					Sample ID:	11TAKU-B08-SO2-W02	11TAKU-B08-SO2-W02	11TAKU-B08-TB01	11TAKU-B08-TB02	11TAKU-B08-TB03	11TAKU-B08-TB04
					Lab Sample ID:	1118819002	28577-2	1118819003	1118873004	1118985024	29621-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/8/2011 1311	9/8/2011 1311	9/8/2011 1259	9/19/2011 0800	10/6/2011 0800	10/31/2011 0800
					Lab ID:	SGSA	TATW	SGSA	SGSA	SGSA	TATW
					QA/QC:	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [1.54]	-	-	-	-	-
SW8321A	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-	-
SW8321A	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-	-
SW8321A	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-	-
SW8321A	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8321A	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-	-
SW8321A	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8321A	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-	-
SW8321A	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-	-
SW8321A	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-	-
SW8321A	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-	-
SW8321A	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-	-
SW8321A	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-	-
SW8321A	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-	-
SW8321A	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	-	-	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-	-	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	-	-	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	-	-	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	-	-	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-	-	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/kg	0.025	-	-	-	-	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-	-	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/kg	4.9	-	-	-	-	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	-	-	-	-	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	-	-	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/kg	0.34	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C01	B24-C02	B24-C03	B24-C04	B24-C05	B24-C06
					Sample ID:	11TAKU-B24-SO3-C01	11TAKU-B24-SO3-C02	11TAKU-B24-SO4-C03	11TAKU-B24-SO4-C04	11TAKU-B24-SO3-C05	11TAKU-B24-SO3-C06
					Lab Sample ID:	27865-1	27865-2	27865-3	27865-4	27865-5	27865-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1120	8/6/2011 1125	8/6/2011 1130	8/6/2011 1130	8/6/2011 1135	8/6/2011 1140
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0027]	0.0019 [0.0056] J	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	0.0036 [0.0054] J	0.012 [0.0056]	0.0015 [0.0051] J	0.0017 [0.0051] J	ND [0.0024]	0.003 [0.0053] J
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	0.0099 [0.0054]	0.0097 [0.0056]	0.0023 [0.0051] J, B	ND [0.0026]	ND [0.0024]	0.0092 [0.0053]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	0.0047 [0.0054] J	0.0045 [0.0056] J	ND [0.0026]	ND [0.0026]	ND [0.0024]	0.0046 [0.0053] J
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	0.0033 [0.0054] J	0.0061 [0.0056]	ND [0.0026]	ND [0.0026]	ND [0.0024]	0.0033 [0.0053] J
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	0.0021 [0.0054] J	0.0081 [0.0056]	ND [0.0026]	ND [0.0026]	ND [0.0024]	0.0019 [0.0053] J
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.0027]	0.0023 [0.0056] J	ND [0.0026]	ND [0.0026]	ND [0.0024]	0.0022 [0.0053] J
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0027]	ND [0.0028]	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [0.0027]	0.0056 [0.0056]	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	0.0022 [0.0054] J	0.005 [0.0056] J	ND [0.0026]	ND [0.0026]	ND [0.0024]	0.0025 [0.0053] J
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	0.0022 [0.0054] J	ND [0.0028]	ND [0.0026]	ND [0.0026]	ND [0.0024]	0.0022 [0.0053] J
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.0027]	0.0045 [0.0056] J	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0027]	ND [0.0028]	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.0027]	0.0052 [0.0056] J	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0027]	ND [0.0028]	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.0027]	ND [0.0028]	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0027]	ND [0.0028]	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0027]	ND [0.0028]	ND [0.0026]	ND [0.0026]	ND [0.0024]	ND [0.0027]
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.3]	ND [1.3]	ND [1.1]	ND [1.2]	ND [1.2] JM-	ND [1.3]
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [6.9]	ND [6.7]	ND [6.1]	ND [6.3]	ND [6]	ND [6.6]
AK103	-	Residual Range Organics	mg/kg	10000*	-	ND [35]	15 [54] J	ND [31]	ND [32]	ND [31]	ND [34]
SW6020	7439-92-1	Lead	mg/kg	400*	14	27 [0.21]	52 [0.19]	4.7 [0.17]	4.4 [0.19]	3.3 [0.18]	34 [0.17]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.13 [0.21] J	0.4 [0.19]	0.03 [0.17] J	0.028 [0.19] J	0.025 [0.18] J	0.12 [0.17] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**10 [0.53]**	**11 [0.48]**	**4.8 [0.44]**	**4.6 [0.47]**	**4.2 [0.44]**	**12 [0.41]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	110 [0.21]	100 [0.19]	50 [0.17]	54 [0.19]	39 [0.18]	110 [0.17]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	1.2 [0.21]	1.2 [0.19]	0.12 [0.17] J	0.11 [0.19] J	0.095 [0.18] J	0.84 [0.17]
SW6020	7440-47-3	Chromium	mg/kg	25	180000	16 [0.21]	17 [0.19]	10 [0.17]	11 [0.19]	9.6 [0.18]	18 [0.17]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.49 [0.75] J	0.57 [0.68] J	0.34 [0.61] J	0.28 [0.66] J	0.22 [0.62] J	0.57 [0.58] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.024 [0.015]	0.022 [0.016]	0.0075 [0.014] J	0.007 [0.017] J	0.0084 [0.014] J	0.034 [0.017]
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.00032]	ND [0.00032]	ND [0.00029]	ND [0.0003]	ND [0.0003]	ND [0.00032]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.00032]	ND [0.00032]	ND [0.00029]	ND [0.0003]	ND [0.0003]	ND [0.00032]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.00053]	ND [0.00054]	ND [0.00049]	ND [0.0005]	ND [0.00049]	ND [0.00054]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.00053]	ND [0.00054]	ND [0.00049]	ND [0.0005]	ND [0.00049]	ND [0.00054]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.00053]	ND [0.00054]	ND [0.00049]	ND [0.0005]	ND [0.00049]	ND [0.00054]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	ND [0.00032]	ND [0.00032]	ND [0.00029]	ND [0.0003]	ND [0.0003]	ND [0.00032]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	0.00046 [0.0021] J	ND [0.00054]	0.0004 [0.0019] J	ND [0.0005]	0.00068 [0.002] J	0.00079 [0.0022] J
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	0.025 [0.0021]	0.027 [0.0022]	0.0029 [0.0019]	0.002 [0.002]	ND [0.0003]	0.027 [0.0022]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.00032]	ND [0.00032]	ND [0.00029]	ND [0.0003]	ND [0.0003]	ND [0.00032]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.00032]	ND [0.00032]	ND [0.00029]	ND [0.0003]	ND [0.0003]	ND [0.00032]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.00053]	ND [0.00054]	ND [0.00049]	ND [0.0005]	ND [0.00049]	ND [0.00054]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.00032]	ND [0.00032]	ND [0.00029]	ND [0.0003]	ND [0.0003]	ND [0.00032]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.00032]	ND [0.00032]	ND [0.00029]	ND [0.0003]	ND [0.0003]	0.00039 [0.0022] J
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	0.0018 [0.0021] J	0.002 [0.0022] J	ND [0.00029]	0.00018 [0.002] J	ND [0.0003]	ND [0.00032]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.00053]	ND [0.00054]	ND [0.00049]	ND [0.0005]	ND [0.00049]	ND [0.00054]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	0.0021 [0.0021]	0.0023 [0.0022]	ND [0.00029]	0.00023 [0.002] J	ND [0.0003]	0.0058 [0.0022]
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	0.0082 [0.0021]	0.011 [0.0022]	0.0012 [0.0019] J	0.00079 [0.002] J	ND [0.0003]	0.017 [0.0022]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.00053]	ND [0.00054]	ND [0.00049]	ND [0.0005]	ND [0.00049]	ND [0.00054]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.00053]	ND [0.00054]	ND [0.00049]	ND [0.0005]	ND [0.00049]	ND [0.00054]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.053]	ND [0.054]	ND [0.049]	ND [0.05]	ND [0.049]	ND [0.054]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.00032]	ND [0.00032]	ND [0.00029]	ND [0.0003]	ND [0.0003]	ND [0.00032]

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C01	B24-C02	B24-C03	B24-C04	B24-C05	B24-C06
					Sample ID:	11TAKU-B24-SO3-C01	11TAKU-B24-SO3-C02	11TAKU-B24-SO4-C03	11TAKU-B24-SO4-C04	11TAKU-B24-SO3-C05	11TAKU-B24-SO3-C06
					Lab Sample ID:	27865-1	27865-2	27865-3	27865-4	27865-5	27865-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1120	8/6/2011 1125	8/6/2011 1130	8/6/2011 1130	8/6/2011 1135	8/6/2011 1140
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	0.0073 [0.011] J	0.0055 [0.011] J	ND [0.0049]	ND [0.005]	ND [0.0049]	0.012 [0.011]
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	ND [0.0053]	ND [0.0054]	ND [0.0049]	ND [0.005]	ND [0.0049]	ND [0.0054]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	ND [0.0085]	ND [0.0086]	ND [0.0078]	ND [0.0079]	ND [0.0079]	ND [0.0086]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	ND [0.0085]	ND [0.0086]	ND [0.0078]	ND [0.0079]	ND [0.0079]	ND [0.0086]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	ND [0.0032]	ND [0.0032]	ND [0.0029]	ND [0.003]	ND [0.003]	ND [0.0032]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	ND [0.0053]	ND [0.0054]	ND [0.0049]	ND [0.005]	ND [0.0049]	ND [0.0054]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	ND [0.0053]	ND [0.0054]	ND [0.0049]	ND [0.005]	ND [0.0049]	ND [0.0054]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0037]	ND [0.0037]	ND [0.0034]	ND [0.0034]	ND [0.0034]	ND [0.0038]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0037]	ND [0.0037]	ND [0.0034]	ND [0.0034]	ND [0.0034]	ND [0.0038]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0074]	ND [0.0073]	ND [0.0068]	ND [0.0069]	ND [0.0067]	ND [0.0075]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.015]	ND [0.015]	ND [0.014]	ND [0.014]	ND [0.013]	ND [0.015]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0074]	ND [0.0073]	ND [0.0068]	ND [0.0069]	ND [0.0067]	ND [0.0075]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0037]	ND [0.0037]	ND [0.0034]	ND [0.0034]	ND [0.0034]	ND [0.0038]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0037]	ND [0.0037]	ND [0.0034]	ND [0.0034]	ND [0.0034]	ND [0.0038]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0037]	ND [0.0037]	ND [0.0034]	ND [0.0034]	ND [0.0034]	ND [0.0038]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0037]	ND [0.0037]	ND [0.0034]	ND [0.0034]	ND [0.0034]	ND [0.0038]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0037]	ND [0.0037]	ND [0.0034]	ND [0.0034]	ND [0.0034]	ND [0.0038]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0037]	ND [0.0037]	ND [0.0034]	ND [0.0034]	ND [0.0034]	ND [0.0038]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0037]	ND [0.0037]	ND [0.0034]	ND [0.0034]	ND [0.0034]	ND [0.0038]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.012]	ND [0.012]	ND [0.01]	ND [0.011]	ND [0.011]	ND [0.012]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.012]	ND [0.012]	ND [0.01]	ND [0.011]	ND [0.011]	ND [0.012]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.036] E*	*ND [0.035] E*	*ND [0.031] E*	*ND [0.032] E*	*ND [0.032] E*	*ND [0.036] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.036] E*	*ND [0.035] E*	*ND [0.031] E*	*ND [0.032] E*	*ND [0.032] E*	*ND [0.036] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.18]	ND [0.18]	ND [0.16]	ND [0.16]	ND [0.16]	ND [0.18]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.036] E*	*ND [0.035] E*	ND [0.031]	ND [0.032]	ND [0.032]	*ND [0.036] E*
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.018]	ND [0.018]	ND [0.016]	ND [0.016]	ND [0.016]	ND [0.018]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.018]	ND [0.018]	ND [0.016]	ND [0.016]	ND [0.016]	ND [0.018]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.18]	ND [0.18]	ND [0.16]	ND [0.16]	ND [0.16]	ND [0.18]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C01	B24-C02	B24-C03	B24-C04	B24-C05	B24-C06
					Sample ID:	11TAKU-B24-SO3-C01	11TAKU-B24-SO3-C02	11TAKU-B24-SO4-C03	11TAKU-B24-SO4-C04	11TAKU-B24-SO3-C05	11TAKU-B24-SO3-C06
					Lab Sample ID:	27865-1	27865-2	27865-3	27865-4	27865-5	27865-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1120	8/6/2011 1125	8/6/2011 1130	8/6/2011 1130	8/6/2011 1135	8/6/2011 1140
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.36]	ND [0.35]	ND [0.31]	ND [0.32]	0.12 [0.43] J,JL+,JM+	ND [0.36]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.012]	ND [0.012]	ND [0.01]	ND [0.011]	ND [0.011]	ND [0.012]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.12]	ND [0.12]	ND [0.1]	ND [0.11]	ND [0.11]	ND [0.12]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.36] E*	*ND [0.35] E*	*ND [0.31] E*	*ND [0.32] E*	*ND [0.32] E*	*ND [0.36] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.36]	ND [0.35]	ND [0.31]	ND [0.32]	ND [0.32]	ND [0.36]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.006]	ND [0.0058]	ND [0.0052]	ND [0.0053]	ND [0.0054]	ND [0.006]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.036] E*	*ND [0.035] E*	*ND [0.031] E*	**0.018 [0.043] J**	**0.089 [0.043]**	*ND [0.036] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.018]	ND [0.018]	ND [0.016]	ND [0.016]	ND [0.016]	ND [0.018]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.012]	ND [0.012]	ND [0.01]	ND [0.011]	ND [0.011]	ND [0.012]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.36]	ND [0.35]	ND [0.31]	ND [0.32]	ND [0.32]	ND [0.36]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.011]	ND [0.01]	ND [0.0092]	ND [0.0094]	ND [0.0095]	ND [0.011]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.012]	ND [0.012]	ND [0.01]	ND [0.011]	ND [0.011]	ND [0.012]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.011]	ND [0.01]	ND [0.0092]	ND [0.0094]	ND [0.0095]	ND [0.011]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.18]	ND [0.18]	ND [0.16]	ND [0.16]	ND [0.16]	ND [0.18]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.036] E*	*ND [0.035] E*	*ND [0.031] E*	*ND [0.032] E*	*ND [0.032] E*	*ND [0.036] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.036]	ND [0.035]	ND [0.031]	ND [0.032]	ND [0.032]	ND [0.036]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.54]	ND [0.56]	ND [0.51]	ND [0.51]	ND [0.49]	ND [0.53]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	110-86-1	Pyridine	mg/kg	-	-	ND [0.54]	ND [0.56]	ND [0.51]	ND [0.51]	ND [0.49]	ND [0.53]

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C01	B24-C02	B24-C03	B24-C04	B24-C05	B24-C06
					Sample ID:	11TAKU-B24-SO3-C01	11TAKU-B24-SO3-C02	11TAKU-B24-SO4-C03	11TAKU-B24-SO4-C04	11TAKU-B24-SO3-C05	11TAKU-B24-SO3-C06
					Lab Sample ID:	27865-1	27865-2	27865-3	27865-4	27865-5	27865-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1120	8/6/2011 1125	8/6/2011 1130	8/6/2011 1130	8/6/2011 1135	8/6/2011 1140
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.021] E*	*ND [0.022] E*	*ND [0.021] E*	*ND [0.021] E*	*ND [0.02] E*	*ND [0.021] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.11]	ND [0.11]	ND [0.1]	ND [0.1]	ND [0.098]	ND [0.11]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.021] E*	*ND [0.022] E*	*ND [0.021] E*	*ND [0.021] E*	*ND [0.02] E*	*ND [0.021] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.011]	0.012 [0.022] J	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.011]	0.0064 [0.033] J	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	ND [0.54]	*ND [0.56] E*	ND [0.51]	ND [0.51]	ND [0.49]	ND [0.53]
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.27]	ND [0.28]	ND [0.26]	ND [0.26]	ND [0.24]	ND [0.27]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.021] E*	*ND [0.022] E*	*ND [0.021] E*	*ND [0.021] E*	*ND [0.02] E*	*ND [0.021] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.021] E*	*ND [0.022] E*	*ND [0.021] E*	*ND [0.021] E*	*ND [0.02] E*	*ND [0.021] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.54] E*	*ND [0.56] E*	*ND [0.51] E*	*ND [0.51] E*	*ND [0.49] E*	*ND [0.53] E*
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.1]	ND [1.1]	ND [1]	ND [1]	ND [0.98]	ND [1.1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.11]	ND [0.11]	ND [0.1]	ND [0.1]	ND [0.098]	ND [0.11]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.011]	0.011 [0.022] J,B	ND [0.01]	ND [0.01]	0.0065 [0.02] J,B	0.0086 [0.021] J,B
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.11]	ND [0.11]	ND [0.1]	ND [0.1]	ND [0.098]	ND [0.11]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [0.054] E*	*ND [0.056] E*	*ND [0.051] E*	*ND [0.051] E*	*ND [0.049] E*	*ND [0.053] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C01	B24-C02	B24-C03	B24-C04	B24-C05	B24-C06
					Sample ID:	11TAKU-B24-SO3-C01	11TAKU-B24-SO3-C02	11TAKU-B24-SO4-C03	11TAKU-B24-SO4-C04	11TAKU-B24-SO3-C05	11TAKU-B24-SO3-C06
					Lab Sample ID:	27865-1	27865-2	27865-3	27865-4	27865-5	27865-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1120	8/6/2011 1125	8/6/2011 1130	8/6/2011 1130	8/6/2011 1135	8/6/2011 1140
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.011]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0098]	ND [0.011]
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.043]	ND [0.045]	ND [0.041]	ND [0.041]	ND [0.039]	ND [0.043]
SW8270	92-87-5	Benzidine	mg/kg	-	-	ND [0.43]	ND [0.45]	ND [0.41]	ND [0.41]	ND [0.39] JM-	ND [0.43]
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.054]	ND [0.056]	ND [0.051]	ND [0.051]	ND [0.049]	ND [0.053]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.021]	ND [0.022]	ND [0.021]	ND [0.021]	ND [0.02]	ND [0.021]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C07	TB01
					Sample ID:	11TAKU-B24-SO3-C07	11TAKU-B24-TB01
					Lab Sample ID:	27865-7	27865-8
					Matrix:	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0029]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	0.0032 [0.0057] J	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	0.0027 [0.0057] J, B	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.0029]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	0.0025 [0.0057] J	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	0.0022 [0.0057] J	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.0029]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0029]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [0.0029]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	0.0018 [0.0057] J	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.0029]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.0029]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0029]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.0029]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0029]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.0029]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0029]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0029]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.3]	ND [1.1]
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [6.8]	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	ND [35]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	27 [0.21]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.12 [0.21] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**12 [0.54]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	110 [0.21]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.9 [0.21]	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	18 [0.21]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.58 [0.75] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.021 [0.014]	-
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.00034]	-
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.00034]	-
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.00057]	-
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.00057]	-
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.00057]	-
SW8081	319-86-8	delta-BHC	mg/kg	-	-	ND [0.00034]	-
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	0.00028 [0.0023] J	-
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	0.018 [0.0023]	-
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.00034]	-
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.00034]	-
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.00057]	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.00034]	-
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.00034]	-
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.00034]	-
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.00057]	-
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	0.0031 [0.0023]	-
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	0.0083 [0.0023]	-
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.00057]	-
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.00057]	-
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.057]	-
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.00034]	-

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C07	TB01
					Sample ID:	11TAKU-B24-SO3-C07	11TAKU-B24-TB01
					Lab Sample ID:	27865-7	27865-8
					Matrix:	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	0.0053 [0.011] J	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	0.0064 [0.011] J	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	ND [0.0092]	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	ND [0.0092]	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	ND [0.0034]	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	ND [0.0057]	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	ND [0.0057]	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0039]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0039]	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0078]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.016]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0078]	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0039]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0039]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0039]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0039]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0039]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0039]	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0039]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.037]	ND [0.03]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.037]	ND [0.03]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.012]	ND [0.01]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.012]	ND [0.01]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.037]	ND [0.03]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.037]	ND [0.03]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.037]	ND [0.03]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.037]	ND [0.03]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.037] E*	*ND [0.03] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.037] E*	*ND [0.03] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.18]	ND [0.15]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.037]	ND [0.03]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.037]	ND [0.03]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.037]	ND [0.03]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.037]	ND [0.03]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.037]	ND [0.03]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.037]	ND [0.03]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.037] E*	ND [0.03]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.018]	ND [0.015]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.037]	ND [0.03]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.037]	ND [0.03]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.037]	ND [0.03]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.037]	ND [0.03]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.037]	ND [0.03]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.037]	ND [0.03]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.018]	ND [0.015]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.037]	ND [0.03]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.18]	ND [0.15]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.037]	ND [0.03]

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C07	TB01
					Sample ID:	11TAKU-B24-SO3-C07	11TAKU-B24-TB01
					Lab Sample ID:	27865-7	27865-8
					Matrix:	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.037]	ND [0.03]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.37]	ND [0.3]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.037]	ND [0.03]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.012]	ND [0.01]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.037]	ND [0.03]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.12]	ND [0.1]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.37] E*	*ND [0.3] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.037]	ND [0.03]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.037]	ND [0.03]
SW8260	75-00-3	Chloroethane	mg/kg	23*	-	ND [0.37]	ND [0.3]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0061]	ND [0.005]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.037] E*	*ND [0.03] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.037]	ND [0.03]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.037]	ND [0.03]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.037]	ND [0.03]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.037]	ND [0.03]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.018]	ND [0.015]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.037]	ND [0.03]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.037]	ND [0.03]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.037]	ND [0.03]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.012]	ND [0.01]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.37]	ND [0.3]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.011]	ND [0.0088]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.012]	ND [0.01]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.011]	ND [0.0088]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.037]	ND [0.03]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.037]	ND [0.03]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.037]	ND [0.03]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.037]	ND [0.03]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.037]	ND [0.03]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.037]	ND [0.03]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.037]	ND [0.03]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.18]	ND [0.15]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.037] E*	*ND [0.03] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.037]	ND [0.03]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.037]	ND [0.03]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.037]	ND [0.03]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.023]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.57]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.023]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.023]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.011]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.023]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.023]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.023]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.023]	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.023]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.023]	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	ND [0.57]	-

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C07	TB01
					Sample ID:	11TAKU-B24-SO3-C07	11TAKU-B24-TB01
					Lab Sample ID:	27865-7	27865-8
					Matrix:	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.023] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.011]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.11]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.011]	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.011]	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.011]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.023]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.023]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.023] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.011]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.011]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.011]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.011]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.011]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.011]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.011]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.011]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.011]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.011]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.011]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [0.57] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.29]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.011]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.023]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.011]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.023]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.023] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.023] E*	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.57] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.1]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.023]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.023]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.011]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.011]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.011]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.023]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.11]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.011]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.11]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.011]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.011]	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	ND [0.011]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.023]	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [0.057] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.023]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.023]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.023]	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.011]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.011]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.011]	-

Table B-1-2b
2011 Former Communications Site Construction Support - Area B24 Laboratory Results

					Location ID:	B24-C07	TB01
					Sample ID:	11TAKU-B24-SO3-C07	11TAKU-B24-TB01
					Lab Sample ID:	27865-7	27865-8
					Matrix:	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.011]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.046]	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	ND [0.46]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.023]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.023]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.023]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.023]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.057]	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.023]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C01	B27-C01	B27-C02	B27-C02	B27-C03
					Sample ID:	11TAKU-B27-SO01-C01	11TAKU-B27-SO01-C01	11TAKU-B27-SO04-C02	11TAKU-B27-SO04-C02	11TAKU-B27-SO04-C03
					Lab Sample ID:	27820-1	G1H060410001	27820-2	G1H060410002	27820-3
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/3/2011 1833	8/3/2011 1833	8/3/2011 1835	8/3/2011 1835	8/3/2011 1835
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	-	-	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	-	-	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	-	-	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	-	-	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	-	-	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	-	-	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	-	-	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	-	-	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	-	-	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	-	-	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	-	-	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	-	-	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	-	-	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	-	-	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	-	-	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	-	-	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	-	-	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	-	-	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	-	-	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	-	-	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	-	-	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	-	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	11 [0.26]	-	6.1 [0.2]	-	5.4 [0.21]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.11 [0.26] J	-	0.048 [0.2] J	-	0.045 [0.21] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**18 [0.64]**	-	**8.8 [0.5]**	-	**7.9 [0.52]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	140 [0.26]	-	84 [0.2]	-	78 [0.21]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.24 [0.26] J	-	0.16 [0.2] J	-	0.14 [0.21] J
SW6020	7440-47-3	Chromium	mg/kg	25	180000	22 [0.26]	-	16 [0.2]	-	14 [0.21]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.85 [0.9] J	-	0.48 [0.7] J	-	0.49 [0.72] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.048 [0.022]	-	0.014 [0.013] JD	-	ND [0.0082] JD
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0093]	-	ND [0.011]	-	ND [0.0081]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0093]	-	ND [0.011]	-	ND [0.0081]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.028] E*	-	*ND [0.032] E*	-	*ND [0.024] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.028] E*	-	*ND [0.032] E*	-	*ND [0.024] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.14]	-	ND [0.16]	-	ND [0.12]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.014]	-	ND [0.016]	-	ND [0.012]
SW8260	1330-20-7	Xylenes	MG/KG	63	9.8	-	-	-	-	-

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C01	B27-C01	B27-C02	B27-C02	B27-C03
					Sample ID:	11TAKU-B27-SO01-C01	11TAKU-B27-SO01-C01	11TAKU-B27-SO04-C02	11TAKU-B27-SO04-C02	11TAKU-B27-SO04-C03
					Lab Sample ID:	27820-1	G1H060410001	27820-2	G1H060410002	27820-3
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/3/2011 1833	8/3/2011 1833	8/3/2011 1835	8/3/2011 1835	8/3/2011 1835
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.028] JL-	-	ND [0.032] JL-	-	ND [0.024] JL-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.014]	-	ND [0.016]	-	ND [0.012]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.14]	-	ND [0.16]	-	ND [0.12]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	67-64-1	Acetone	mg/kg	88	-	0.42 [0.37] B,JL+	-	0.46 [0.42] B,JL+	-	0.35 [0.32] B,JL+
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0093]	-	ND [0.011]	-	ND [0.0081]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.093]	-	ND [0.11]	-	ND [0.081]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.28] E*	-	*ND [0.32] E*	-	*ND [0.24] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.28]	-	ND [0.32]	-	ND [0.24]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0047]	-	ND [0.0053]	-	ND [0.0041]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.033 [0.037] J, B**	-	**0.033 [0.042] J, B**	-	**0.027 [0.032] J, B**
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.014]	-	ND [0.016]	-	ND [0.012]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.028]	-	0.012 [0.042] J	-	ND [0.024]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0093]	-	ND [0.011]	-	ND [0.0081]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.28]	-	ND [0.32]	-	ND [0.24]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0082]	-	ND [0.0092]	-	ND [0.0071]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0093]	-	ND [0.011]	-	ND [0.0081]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0082]	-	ND [0.0092]	-	ND [0.0071]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.14]	-	ND [0.16]	-	ND [0.12]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.028] E*	-	*ND [0.032] E*	-	*ND [0.024] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.028]	-	ND [0.032]	-	ND [0.024]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.66]	-	ND [0.5]	-	ND [0.5]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C01	B27-C01	B27-C02	B27-C02	B27-C03
					Sample ID:	11TAKU-B27-SO01-C01	11TAKU-B27-SO01-C01	11TAKU-B27-SO04-C02	11TAKU-B27-SO04-C02	11TAKU-B27-SO04-C03
					Lab Sample ID:	27820-1	G1H060410001	27820-2	G1H060410002	27820-3
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/3/2011 1833	8/3/2011 1833	8/3/2011 1835	8/3/2011 1835	8/3/2011 1835
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	110-86-1	Pyridine	mg/kg	-	-	ND [0.66]	-	ND [0.5]	-	ND [0.5]
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.027] E*	-	*ND [0.02] E*	-	*ND [0.02] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.13]	-	ND [0.1]	-	ND [0.1]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.027] E*	-	*ND [0.02] E*	-	*ND [0.02] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [0.66] E*	-	ND [0.5]	-	ND [0.5]
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.33]	-	ND [0.25]	-	ND [0.25]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.027] E*	-	*ND [0.02] E*	-	*ND [0.02] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.027] E*	-	*ND [0.02] E*	-	*ND [0.02] E*
SW8270	62-53-3	Aniline	mg/kg	-	-	-	-	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.66] E*	-	*ND [0.5] E*	-	*ND [0.5] E*
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.3]	-	ND [1]	-	ND [1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.13]	-	ND [0.1]	-	ND [0.1]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.13]	-	ND [0.1]	-	ND [0.1]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [0.066] E*	-	*ND [0.05] E*	-	*ND [0.05] E*

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C01	B27-C01	B27-C02	B27-C02	B27-C03
					Sample ID:	11TAKU-B27-SO01-C01	11TAKU-B27-SO01-C01	11TAKU-B27-SO04-C02	11TAKU-B27-SO04-C02	11TAKU-B27-SO04-C03
					Lab Sample ID:	27820-1	G1H060410001	27820-2	G1H060410002	27820-3
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/3/2011 1833	8/3/2011 1833	8/3/2011 1835	8/3/2011 1835	8/3/2011 1835
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.013]	-	ND [0.01]	-	ND [0.01]
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.053]	-	ND [0.04]	-	ND [0.04]
SW8270	92-87-5	Benzidine	mg/kg	-	-	ND [0.53] JL-	-	ND [0.4] JL-, JM-	-	ND [0.4] JL-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.066]	-	ND [0.05]	-	ND [0.05]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.027]	-	ND [0.02]	-	ND [0.02]
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	ND [0.019]	-	ND [0.02]	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.019] E*	-	*ND [0.02] E*	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	ND [0.037]	-	ND [0.04]	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.019]	-	ND [0.02]	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	ND [0.028]	-	ND [0.03]	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	*ND [0.093] E*	-	*ND [0.099] E*	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	ND [0.046]	-	ND [0.05]	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.028] E*	-	*ND [0.03] E*	-
SW8330	88-72-2	2-Nitrotoluene	mg/kg	0.025	-	-	*ND [0.074] E*	-	*ND [0.079] E*	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.046]	-	ND [0.05]	-
SW8330	99-08-1	3-Nitrotoluene	mg/kg	4.9	-	-	ND [0.065]	-	ND [0.069]	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	ND [0.019]	-	ND [0.02]	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	*ND [0.046] E*	-	*ND [0.05] E*	-
SW8330	99-99-0	4-Nitrotoluene	mg/kg	0.34	-	-	ND [0.074]	-	ND [0.079]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C03	B27-C04	B27-C04	B27-C05	B27-C05
					Sample ID:	11TAKU-B27-SO04-C03	11TAKU-B27-SO04-C04	11TAKU-B27-SO04-C04	11TAKU-B27-SO02-C05	11TAKU-B27-SO04-C05
					Lab Sample ID:	G1H060410003	27820-4	G1H060410004	27820-5	G1H060410005
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/3/2011 1835	8/3/2011 1841	8/3/2011 1841	8/3/2011 1844	8/3/2011 1844
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	-	-	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	-	-	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	-	-	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	-	-	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	-	-	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	-	-	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	-	-	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	-	-	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	-	-	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	-	-	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	-	-	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	-	-	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	-	-	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	-	-	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	-	-	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	-	-	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	-	-	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	-	-	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	-	-	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	-	-	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	-	-	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	-	-	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	-	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	10 [0.26]	-	110 [0.23]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.1 [0.26] J	-	4.9 [0.23]	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**18 [0.66]**	-	**18 [0.56]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	130 [0.26]	-	130 [0.23]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.37 [0.26]	-	1.3 [0.23]	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	22 [0.26]	-	**36 [0.23]**	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.9 [0.92] J	-	0.81 [0.79]	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.036 [0.022]	-	0.038 [0.018]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.032]	-	ND [0.028]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.032]	-	ND [0.028]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.011]	-	ND [0.0092]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.011]	-	ND [0.0092]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.032]	-	ND [0.028]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.032] E*	-	*ND [0.028] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.032] E*	-	*ND [0.028] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.16]	-	ND [0.14]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.032]	-	ND [0.028]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.032]	-	ND [0.028]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.032]	-	ND [0.028]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	ND [0.032]	-	ND [0.028]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.016]	-	ND [0.014]	-
SW8260	1330-20-7	Xylenes	MG/KG	63	9.8	-	-	-	-	-

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C03	B27-C04	B27-C04	B27-C05	B27-C05
					Sample ID:	11TAKU-B27-SO04-C03	11TAKU-B27-SO04-C04	11TAKU-B27-SO04-C04	11TAKU-B27-SO02-C05	11TAKU-B27-SO04-C05
					Lab Sample ID:	G1H060410003	27820-4	G1H060410004	27820-5	G1H060410005
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/3/2011 1835	8/3/2011 1841	8/3/2011 1841	8/3/2011 1844	8/3/2011 1844
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.032] JL-	-	ND [0.028] JL-	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.032]	-	ND [0.028]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.032]	-	ND [0.028]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	ND [0.016]	-	ND [0.014]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.16]	-	ND [0.14]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	-	0.47 [0.43] B,JL+	-	0.42 [0.37] B,JL+	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.032]	-	ND [0.028]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.011]	-	0.0041 [0.015] J	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.032]	-	ND [0.028]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	ND [0.11]	-	ND [0.092]	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	*ND [0.32] E*	-	*ND [0.28] E*	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	-	ND [0.32]	-	ND [0.28]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	ND [0.0053]	-	ND [0.0046]	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	**0.033 [0.043] J, B**	-	**0.032 [0.037] J, B**	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.032]	-	ND [0.028]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.032]	-	ND [0.028]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	ND [0.016]	-	ND [0.014]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	ND [0.011]	-	ND [0.0092]	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.32]	-	ND [0.28]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	ND [0.0094]	-	ND [0.0081]	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.011]	-	ND [0.0092]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	ND [0.0094]	-	ND [0.0081]	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.032]	-	ND [0.028]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.16]	-	ND [0.14]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.032] E*	-	*ND [0.028] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.032]	-	ND [0.028]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.032]	-	ND [0.028]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.65]	-	ND [0.56]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.013]	-	ND [0.011]	-

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C03	B27-C04	B27-C04	B27-C05	B27-C05
					Sample ID:	11TAKU-B27-SO04-C03	11TAKU-B27-SO04-C04	11TAKU-B27-SO04-C04	11TAKU-B27-SO02-C05	11TAKU-B27-SO04-C05
					Lab Sample ID:	G1H060410003	27820-4	G1H060410004	27820-5	G1H060410005
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/3/2011 1835	8/3/2011 1841	8/3/2011 1841	8/3/2011 1844	8/3/2011 1844
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.026]	-	ND [0.022]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	ND [0.65]	-	ND [0.56]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.026] E*	-	*ND [0.022] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.13]	-	0.3 [0.67] J	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.013]	-	ND [0.011]	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.026]	-	ND [0.022]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.026] E*	-	*ND [0.022] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.013]	-	ND [0.011]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [0.65] E*	-	*ND [0.56] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.32]	-	ND [0.28]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.026] E*	-	*ND [0.022] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.026] E*	-	*ND [0.022] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	-	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.65] E*	-	*ND [0.56] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.3]	-	ND [1.1]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.013]	-	ND [0.011]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.13]	-	ND [0.11]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.013]	-	0.014 [0.022] J	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.13]	-	ND [0.11]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.065] E*	-	*ND [0.056] E*	-

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C03	B27-C04	B27-C04	B27-C05	B27-C05
					Sample ID:	11TAKU-B27-SO04-C03	11TAKU-B27-SO04-C04	11TAKU-B27-SO04-C04	11TAKU-B27-SO02-C05	11TAKU-B27-SO04-C05
					Lab Sample ID:	G1H060410003	27820-4	G1H060410004	27820-5	G1H060410005
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/3/2011 1835	8/3/2011 1841	8/3/2011 1841	8/3/2011 1844	8/3/2011 1844
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.013]	-	0.0069 [0.022] J	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.013]	-	ND [0.011]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.052]	-	ND [0.045]	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	ND [0.52] JL-	-	ND [0.45] JL-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.026]	-	ND [0.022]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.026]	-	ND [0.022]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.065]	-	ND [0.056]	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.026]	-	ND [0.022]	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	ND [0.019]	-	ND [0.02]	-	ND [0.019]
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.019] E*	-	*ND [0.02] E*	-	*ND [0.019] E*
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	ND [0.038]	-	ND [0.04]	-	ND [0.038]
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	ND [0.019]	-	ND [0.02]	-	ND [0.019]
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	ND [0.029]	-	ND [0.03]	-	ND [0.028]
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	*ND [0.096] E*	-	*ND [0.099] E*	-	*ND [0.095] E*
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	ND [0.048]	-	ND [0.05]	-	ND [0.048]
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.029] E*	-	*ND [0.03] E*	-	*ND [0.028] E*
SW8330	88-72-2	2-Nitrotoluene	mg/kg	0.025	-	*ND [0.077] E*	-	*ND [0.079] E*	-	*ND [0.076] E*
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.048]	-	ND [0.05]	-	ND [0.048]
SW8330	99-08-1	3-Nitrotoluene	mg/kg	4.9	-	ND [0.067]	-	ND [0.069]	-	ND [0.066]
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	ND [0.019]	-	ND [0.02]	-	ND [0.019]
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	*ND [0.048] E*	-	*ND [0.05] E*	-	*ND [0.048] E*
SW8330	99-99-0	4-Nitrotoluene	mg/kg	0.34	-	ND [0.077]	-	ND [0.079]	-	ND [0.076]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C06	B27-C06	B27-TB07
					Sample ID:	11TAKU-B27-SO03-C06	11TAKU-B27-SO04-C06	11TAKU-B27-TB07
					Lab Sample ID:	27820-6	G1H060410006	27820-7
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/3/2011 1848	8/3/2011 1848	8/3/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	17 [0.24]	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	2.6 [0.24]	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**19 [0.59]**	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	160 [0.24]	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.25 [0.24]	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	**37 [0.24]**	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.94 [0.83]	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.036 [0.016]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.029]	-	ND [0.03]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.029]	-	ND [0.03]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0095]	-	ND [0.01]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0095]	-	ND [0.01]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.029]	-	ND [0.03]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.029]	-	ND [0.03]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.029]	-	ND [0.03]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.029]	-	ND [0.03]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.029] E*	-	*ND [0.03] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.029] E*	-	*ND [0.03] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.14]	-	ND [0.15]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.029]	-	ND [0.03]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.029]	-	ND [0.03]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.029]	-	ND [0.03]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.029]	-	ND [0.03]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.029]	-	ND [0.03]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.029]	-	ND [0.03]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.029]	-	ND [0.03]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.014]	-	ND [0.015]
SW8260	1330-20-7	Xylenes	MG/KG	63	9.8	-	-	-

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C06	B27-C06	B27-TB07
					Sample ID:	11TAKU-B27-SO03-C06	11TAKU-B27-SO04-C06	11TAKU-B27-TB07
					Lab Sample ID:	27820-6	G1H060410006	27820-7
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/3/2011 1848	8/3/2011 1848	8/3/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.029]	-	ND [0.03]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.029] JL-	-	ND [0.03] JL-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.029]	-	ND [0.03]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.029]	-	ND [0.03]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.029]	-	ND [0.03]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.029]	-	ND [0.03]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.014]	-	ND [0.015]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.029]	-	ND [0.03]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.14]	-	ND [0.15]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.029]	-	ND [0.03]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.029]	-	ND [0.03]
SW8260	67-64-1	Acetone	mg/kg	88	-	0.39 [0.38] B,JL+	-	0.5 [0.4] JL+
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.029]	-	ND [0.03]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0095]	-	ND [0.01]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.029]	-	ND [0.03]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.095]	-	ND [0.1]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.29] E*	-	*ND [0.3] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.029]	-	ND [0.03]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.029]	-	ND [0.03]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.29]	-	ND [0.3]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0048]	-	ND [0.005]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.033 [0.038] J, B**	-	0.011 [0.04] J, B
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.029]	-	ND [0.03]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.029]	-	ND [0.03]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.029]	-	ND [0.03]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.029]	-	ND [0.03]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.014]	-	ND [0.015]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.029]	-	ND [0.03]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.029]	-	ND [0.03]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.029]	-	ND [0.03]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0095]	-	ND [0.01]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.29]	-	ND [0.3]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0084]	-	ND [0.0088]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0095]	-	ND [0.01]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0084]	-	ND [0.0088]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.029]	-	ND [0.03]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.029]	-	ND [0.03]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.029]	-	0.14 [0.04]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.029]	-	ND [0.03]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.029]	-	ND [0.03]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.029]	-	ND [0.03]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.029]	-	ND [0.03]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.14]	-	ND [0.15]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.029] E*	-	*ND [0.03] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.029]	-	ND [0.03]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.029]	-	ND [0.03]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.029]	-	ND [0.03]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.023]	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.58]	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.023]	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.023]	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.012]	-	-

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C06	B27-C06	B27-TB07
					Sample ID:	11TAKU-B27-SO03-C06	11TAKU-B27-SO04-C06	11TAKU-B27-TB07
					Lab Sample ID:	27820-6	G1H060410006	27820-7
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/3/2011 1848	8/3/2011 1848	8/3/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.023]	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.023]	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.023]	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.023]	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.023]	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.023]	-	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	ND [0.58]	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.023] E*	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.012]	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.12]	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.012]	-	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.012]	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.012]	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.023]	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.023]	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.023] E*	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.012]	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.012]	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.012]	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.012]	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.012]	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.012]	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.012]	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.012]	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.012]	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.012]	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.012]	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [0.58] E*	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.29]	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.012]	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.023]	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.012]	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.023]	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.023] E*	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.023] E*	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.58] E*	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.2]	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.023]	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.023]	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.012]	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.012]	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.012]	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.023]	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.12]	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.012]	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.12]	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.012]	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.012]	-	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	ND [0.012]	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.023]	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	**0.14 [0.23] J**	-	-

Table B-1-2c
2011 Former Communications Site Construction Support - Area B27 Laboratory Results

					Location ID:	B27-C06	B27-C06	B27-TB07
					Sample ID:	11TAKU-B27-SO03-C06	11TAKU-B27-SO04-C06	11TAKU-B27-TB07
					Lab Sample ID:	27820-6	G1H060410006	27820-7
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/3/2011 1848	8/3/2011 1848	8/3/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.023]	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.023]	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.023]	-	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.012]	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.012]	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.012]	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.012]	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.046]	-	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	ND [0.46] JL-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.023]	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.023]	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.023]	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.023]	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.058]	-	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.023]	-	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/kg	0.49	-	-	ND [0.019]	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.019] E*	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/kg	0.04	-	-	ND [0.038]	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/kg	0.029	-	-	ND [0.019]	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/kg	49	-	-	ND [0.029]	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	*ND [0.096] E*	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/kg	4.5	-	-	ND [0.048]	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.029] E*	-
SW8330	88-72-2	2-Nitrotoluene	mg/kg	0.025	-	-	*ND [0.077] E*	-
SW8330	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.048]	-
SW8330	99-08-1	3-Nitrotoluene	mg/kg	4.9	-	-	ND [0.067]	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/kg	19	-	-	ND [0.019]	-
SW8330	99-65-0	1,3-Dinitrobenzene	mg/kg	0.02	-	-	*ND [0.048] E*	-
SW8330	99-99-0	4-Nitrotoluene	mg/kg	0.34	-	-	ND [0.077]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C01	B38-C01	B38-C02	B38-C02	B38-C03
					Sample ID:	11TAKU-B38-SO3-C01	11TAKU-B38-SO3-C01	11TAKU-B38-SO3-C02	11TAKU-B38-SO3-C02	11TAKU-B38-SO1-C03
					Lab Sample ID:	1118887001	28771-4	1118887004	28771-5	1118887005
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1625	9/20/2011 1625	9/20/2011 1625	9/20/2011 1625	9/20/2011 1635
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Duplicate	Duplicate	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [3.54]	-	ND [4.02]	-	ND [3.56]
AK102	-	Diesel Range Organics	mg/kg	250	-	39 [21.7]	-	25.3 [21.5]	-	29.4 [23.5]
AK103	-	Residual Range Organics	mg/kg	10000*	-	276 [21.7] JM-	-	187 [21.5]	-	169 [23.5]
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.0067]	-	ND [0.0067]	-	ND [0.0014]
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.0067]	-	ND [0.0067]	-	ND [0.0014]
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.0051]	-	ND [0.0051]	-	ND [0.0011]
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.0051]	-	ND [0.0051]	-	ND [0.0011]
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.0051]	-	ND [0.0051]	-	ND [0.0011]
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.0051]	-	ND [0.0051]	-	ND [0.0011]
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.0067]	-	ND [0.0067]	-	ND [0.0014]
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	0.0315 [0.0108] JD	-	0.0152 [0.0108] JD	-	0.0025 [0.0023]
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.0051]	-	ND [0.0051]	-	ND [0.0011]
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.0051]	-	ND [0.0051]	-	ND [0.0011]
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.0163]	-	ND [0.0161]	-	ND [0.0035]
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	ND [0.163]	-	ND [0.161]	-	ND [0.0348]
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.0051]	-	ND [0.0051]	-	ND [0.0011]
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.0067]	-	ND [0.0067]	-	ND [0.0014]
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.0067]	-	ND [0.0067]	-	ND [0.0014]
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.0067]	-	ND [0.0067]	-	ND [0.0014]
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	0.294 [0.108]	-	0.234 [0.0538]	-	0.0542 [0.0116]
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	0.143 [0.108]	-	0.0918 [0.0108]	-	0.0273 [0.0116]
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.0067]	-	ND [0.0067]	-	ND [0.0014]
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.0067]	-	ND [0.0067]	-	ND [0.0014]
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.336]	-	ND [0.334]	-	ND [0.0722]
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.0051]	-	ND [0.0051]	-	ND [0.0011]
SW6020	7439-92-1	Lead	mg/kg	400*	14	6.45 [0.209]	-	6.19 [0.199]	-	12 [0.235]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.0516 [0.105] J	-	0.0458 [0.0995] J	-	0.0959 [0.118] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**6.85 [1.05]**	-	**6.91 [0.995]**	-	**13 [1.18]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	106 [0.314]	-	101 [0.298]	-	138 [0.353]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.293 [0.209]	-	0.297 [0.199]	-	0.194 [0.235] J
SW6020	7440-47-3	Chromium	mg/kg	25	180000	16.7 [0.419]	-	14.9 [0.398]	-	23.6 [0.47]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.267 [0.523] J	-	0.231 [0.497] J	-	0.416 [0.588] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	ND [0.026]	-	ND [0.0254]	-	0.0666 [0.0463]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.0053]	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.0053]	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0083]	-	ND [0.0084]	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0083]	-	ND [0.0084]	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0031]	-	ND [0.0032]	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.0053]	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.0053]	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0072]	-	ND [0.0072]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.014]	-	ND [0.014]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0072]	-	ND [0.0072]	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0036]	-	ND [0.0036]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0036]	-	ND [0.0036]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0036]	-	ND [0.0036]	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C01	B38-C01	B38-C02	B38-C02	B38-C03
					Sample ID:	11TAKU-B38-SO3-C01	11TAKU-B38-SO3-C01	11TAKU-B38-SO3-C02	11TAKU-B38-SO3-C02	11TAKU-B38-SO1-C03
					Lab Sample ID:	1118887001	28771-4	1118887004	28771-5	1118887005
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1625	9/20/2011 1625	9/20/2011 1625	9/20/2011 1625	9/20/2011 1635
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Duplicate	Duplicate	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0524] JS-	-	ND [0.0418]	-	0.0759 [0.0593] JS-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0524] JS-	-	ND [0.0418]	-	0.102 [0.0593] JS-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	0.829 [0.0839] JM-, JS-, JD	-	0.0362 [0.067] J,JD	-	0.12 [0.0593] JS-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0524] JM- E, JS-*	-	*ND [0.0418] E*	-	*ND [0.037] JS- E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0524] E, JS-*	-	*ND [0.0418] E*	-	*ND [0.037] JS- E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.524] JS-	-	ND [0.418]	-	ND [0.37] JS-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.101] JS-	-	ND [0.0804]	-	0.171 [0.119] JS-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	0.288 [0.0839] JD, JS-	-	0.0322 [0.067] J,JD	-	0.166 [0.0593] JS-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0524] JS-	-	ND [0.0418]	-	0.0291 [0.0593] J,JS-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	0.063 [0.0839] J, JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.0524] E, JS-*	-	*ND [0.0418] E*	-	*ND [0.037] JS- E*
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	*ND [0.0262] E, JS-*	-	ND [0.021]	-	ND [0.0185] JS-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.208] JS-	-	ND [0.166]	-	0.374 [0.237] JS-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	0.19 [0.0839] JD, JS-	-	ND [0.0418] JD	-	0.0504 [0.0593] J,JS-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.208] JS-	-	ND [0.166]	-	ND [0.147] JS-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	*ND [0.0524] E, JS-*	-	*ND [0.0418] E*	-	*ND [0.037] JS- E*
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.524] JS-	-	ND [0.418]	-	ND [0.37] JS-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.524] JS-	-	ND [0.418]	-	ND [0.37] JS-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	*ND [0.0262] E, JS-*	-	ND [0.021]	-	**0.0285 [0.0297] J,JS-**
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.416] E, JS-*	-	*ND [0.332] E*	-	*ND [0.294] JS- E*
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.416] JS-	-	ND [0.332]	-	ND [0.294] JS-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0524] E, JS-*	-	*ND [0.0418] E*	-	*ND [0.037] JS- E*
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.208] E, JS-*	-	*ND [0.166] E*	-	*ND [0.147] JS- E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.208] JS-	-	ND [0.166]	-	ND [0.147] JS-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	*ND [0.0524] E, JS-*	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	*ND [0.0524] E, JS-*	-	*ND [0.0418] E*	-	*ND [0.037] JS- E*
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.101] JS-	-	ND [0.0804]	-	ND [0.0712] JS-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.101] JS-	-	ND [0.0804]	-	ND [0.0712] JS-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.0524] E, JS-*	-	*ND [0.0418] E*	-	*ND [0.037] JS- E*
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.524] JS-	-	ND [0.418]	-	ND [0.37] JS-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.0524] E, JS-*	-	*ND [0.0418] E*	-	*ND [0.037] JS- E*

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C01	B38-C01	B38-C02	B38-C02	B38-C03
					Sample ID:	11TAKU-B38-SO3-C01	11TAKU-B38-SO3-C01	11TAKU-B38-SO3-C02	11TAKU-B38-SO3-C02	11TAKU-B38-SO1-C03
					Lab Sample ID:	1118887001	28771-4	1118887004	28771-5	1118887005
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1625	9/20/2011 1625	9/20/2011 1625	9/20/2011 1625	9/20/2011 1635
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Duplicate	Duplicate	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	**0.073 [0.042] JD, JS-**	-	*ND [0.021] JD E*	-	ND [0.0185] JS-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.101] E, JS-*	-	*ND [0.0804] E*	-	*ND [0.0712] JS- E*
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.101] JS-	-	ND [0.0804]	-	ND [0.0712] JS-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.101] JS-	-	ND [0.0804]	-	ND [0.0712] JS-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.101] JS-	-	0.0429 [0.134] J	-	0.202 [0.119] JS-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0524] JS-	-	ND [0.0418]	-	0.203 [0.0593] JS-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0524] JS-	-	ND [0.0418]	-	ND [0.037] JS-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.101] JS-	-	ND [0.0804]	-	0.312 [0.119] JS-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.208] JS-	-	ND [0.166]	-	ND [0.147] JS-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0524] E, JS-*	-	*ND [0.0418] E*	-	*ND [0.037] JS- E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0524] JS-	-	0.0308 [0.067] J	-	0.032 [0.0593] J,JS-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	0.0361 [0.0839] J, JS-	-	ND [0.0418]	-	0.0611 [0.0593] JS-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	0.519 [0.0839] JM-,JD, JS-	-	0.0355 [0.067] J,JD	-	0.155 [0.0593] JS-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [2.02]	-	ND [2.02]	-	ND [2.22]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.668]	-	ND [0.664]	-	ND [0.732]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.668]	-	ND [0.664]	-	ND [0.732]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [0.322] E*	-	*ND [0.322] E*	-	*ND [0.354] E*
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.168] E*	-	*ND [0.167] E*	-	*ND [0.184] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.322]	-	ND [0.322]	-	ND [0.354]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [0.168] E*	-	*ND [0.167] E*	-	*ND [0.184] E*
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.168] E*	-	*ND [0.167] E*	-	*ND [0.184] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [2.02] E*	-	*ND [2.02] E*	-	*ND [2.22] E*
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [1.33]	-	ND [1.33]	-	ND [1.46]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.168] E*	-	*ND [0.167] E*	-	*ND [0.184] E*

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C01	B38-C01	B38-C02	B38-C02	B38-C03
					Sample ID:	11TAKU-B38-SO3-C01	11TAKU-B38-SO3-C01	11TAKU-B38-SO3-C02	11TAKU-B38-SO3-C02	11TAKU-B38-SO1-C03
					Lab Sample ID:	1118887001	28771-4	1118887004	28771-5	1118887005
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1625	9/20/2011 1625	9/20/2011 1625	9/20/2011 1625	9/20/2011 1635
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Duplicate	Duplicate	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.168] E*	-	*ND [0.167] E*	-	*ND [0.184] E*
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [1.33]	-	ND [1.33]	-	ND [1.46]
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.168] E*	-	*ND [0.167] E*	-	*ND [0.184] E*
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	0.864 [1.61] J	-	ND [1.61]	-	ND [1.77]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.43]	-	ND [0.428]	-	ND [0.472]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [0.168] E*	-	*ND [0.167] E*	-	*ND [0.184] E*
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [1.33] E*	-	*ND [1.33] E*	-	*ND [1.46] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.168]	-	ND [0.167]	-	ND [0.184]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [0.168] E*	-	*ND [0.167] E*	-	*ND [0.184] E*
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.322]	-	ND [0.322]	-	ND [0.354]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C03	B38-C04	B38-C04	B38-C05	B38-C05	B38-C06
					Sample ID:	11TAKU-B38-SO1-C03	11TAKU-B38-SO2-C04	11TAKU-B38-SO2-C04	11TAKU-B38-SO1-C05	11TAKU-B38-SO1-C05	11TAKU-B38-SO1-C06
					Lab Sample ID:	28771-6	1118887006	28771-7	1118927001	28998-1	1118927002
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1635	9/20/2011 1641	9/20/2011 1641	9/28/2011 1152	9/28/2011 1152	9/28/2011 1204
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	ND [2.4]	-	ND [4.48]	-	ND [4.72]
AK102	-	Diesel Range Organics	mg/kg	250	-	-	ND [13]	-	25.1 [22.4]	-	13.5 [22.9] J
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	25.9 [20.9]	-	134 [22.4]	-	72.6 [22.9]
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.0011]
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.0011]
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.0011]
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.0011]
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	0.0012 [0.0021] J	-	0.0152 [0.0222] J	-	0.0101 [0.0022]
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.0011]
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.0011]
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0031]	-	ND [0.0033]	-	ND [0.0034]
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	ND [0.0312]	-	ND [0.0332]	-	ND [0.0338]
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.001]	-	ND [0.001]	-	ND [0.0011]
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	0.0053 [0.0021]	-	0.1 [0.0222]	-	0.0849 [0.0225]
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	0.0057 [0.0021]	-	0.0502 [0.0222]	-	0.0537 [0.0225]
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.0644]	-	ND [0.0686]	-	ND [0.0696]
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.0011]
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	4.74 [0.191]	-	6.44 [0.209]	-	6.35 [0.23]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.0373 [0.0954] J	-	0.0443 [0.105] J	-	0.062 [0.115] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**6.11 [0.954]**	-	**7.29 [1.05]**	-	**8.7 [1.15]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	74.1 [0.286]	-	90.3 [0.314]	-	110 [0.345]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.111 [0.191] J	-	0.263 [0.209]	-	0.238 [0.23]
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	14.6 [0.382]	-	14.7 [0.419]	-	17.7 [0.46]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.202 [0.477] J	-	ND [0.314]	-	0.195 [0.575] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	ND [0.025]	-	ND [0.026]	-	0.022 [0.0451] J
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	0.041 [0.011]	-	ND [0.0048]	-	0.0059 [0.01] J	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	ND [0.0057]	-	ND [0.0048]	-	ND [0.0052]	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	ND [0.0091]	-	ND [0.0078]	-	ND [0.0083]	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	ND [0.0091]	-	ND [0.0078]	-	ND [0.0083]	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	ND [0.0034]	-	ND [0.0029]	-	ND [0.0031]	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	ND [0.0057]	-	ND [0.0048]	-	ND [0.0052]	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	ND [0.0057]	-	ND [0.0048]	-	ND [0.0052]	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0039]	-	ND [0.0034]	-	ND [0.0036]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0039]	-	ND [0.0034]	-	ND [0.0036]	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0077]	-	ND [0.0068]	-	ND [0.0071]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.015]	-	ND [0.014]	-	ND [0.014]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0077]	-	ND [0.0068]	-	ND [0.0071]	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0039]	-	ND [0.0034]	-	ND [0.0036]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0039]	-	ND [0.0034]	-	ND [0.0036]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0039]	-	ND [0.0034]	-	ND [0.0036]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0039]	-	ND [0.0034]	-	ND [0.0036]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0039]	-	ND [0.0034]	-	ND [0.0036]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0039]	-	ND [0.0034]	-	ND [0.0036]	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C03	B38-C04	B38-C04	B38-C05	B38-C05	B38-C06
					Sample ID:	11TAKU-B38-SO1-C03	11TAKU-B38-SO2-C04	11TAKU-B38-SO2-C04	11TAKU-B38-SO1-C05	11TAKU-B38-SO1-C05	11TAKU-B38-SO1-C06
					Lab Sample ID:	28771-6	1118887006	28771-7	1118927001	28998-1	1118927002
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1635	9/20/2011 1641	9/20/2011 1641	9/28/2011 1152	9/28/2011 1152	9/28/2011 1204
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0039]	-	ND [0.0034]	-	ND [0.0036]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	0.0213 [0.0401] J	-	ND [0.0466]	-	ND [0.0492]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.025] E*	-	*ND [0.0466] E*	-	*ND [0.0492] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.025] E*	-	*ND [0.0466] E*	-	*ND [0.0492] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.25]	-	ND [0.466]	-	ND [0.492]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.0482]	-	ND [0.0898]	-	ND [0.0946]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	0.0189 [0.0401] J	-	0.0314 [0.0748] J	-	ND [0.0492]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	ND [0.025]	-	*ND [0.0466] E*	-	*ND [0.0492] E*
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	0.0064 [0.0201] J	-	ND [0.0234]	-	*ND [0.0246] E*
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	ND [0.0994]	-	ND [0.185]	-	ND [0.196]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.0994]	-	ND [0.185]	-	ND [0.196]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	*ND [0.025] E*	-	*ND [0.0466] E*	-	*ND [0.0492] E*
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.25]	-	ND [0.466]	-	ND [0.492]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.25]	-	ND [0.466]	-	ND [0.492]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.0125]	-	ND [0.0234]	-	ND [0.0246]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	*ND [0.199] E*	-	*ND [0.37] E*	-	*ND [0.392] E*
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	-	ND [0.199]	-	ND [0.37]	-	ND [0.392]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	*ND [0.025] E*	-	*ND [0.0466] E*	-	*ND [0.0492] E*
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	*ND [0.0994] E*	-	*ND [0.185] E*	-	**0.135 [0.315] J,JC+**
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.0994]	-	ND [0.185]	-	ND [0.196]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.025]	-	*ND [0.0466] E*	-	*ND [0.0492] E*
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	ND [0.025]	-	*ND [0.0466] E*	-	*ND [0.0492] E*
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.0482]	-	ND [0.0898]	-	ND [0.0946]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.0482]	-	ND [0.0898]	-	ND [0.0946]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	*ND [0.025] E*	-	*ND [0.0466] E*	-	*ND [0.0492] E*
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.25]	-	ND [0.466]	-	ND [0.492]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	*ND [0.025] E*	-	*ND [0.0466] E*	-	*ND [0.0492] E*

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C03	B38-C04	B38-C04	B38-C05	B38-C05	B38-C06
					Sample ID:	11TAKU-B38-SO1-C03	11TAKU-B38-SO2-C04	11TAKU-B38-SO2-C04	11TAKU-B38-SO1-C05	11TAKU-B38-SO1-C05	11TAKU-B38-SO1-C06
					Lab Sample ID:	28771-6	1118887006	28771-7	1118927001	28998-1	1118927002
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1635	9/20/2011 1641	9/20/2011 1641	9/28/2011 1152	9/28/2011 1152	9/28/2011 1204
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.0125]	-	*ND [0.0234] E*	-	*ND [0.0246] E*
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	*ND [0.0482] E*	-	*ND [0.0898] E*	-	*ND [0.0946] E*
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.0482]	-	ND [0.0898]	-	ND [0.0946]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.0482]	-	ND [0.0898]	-	ND [0.0946]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	0.0245 [0.0802] J	-	ND [0.0898]	-	ND [0.0946]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.025]	-	ND [0.0466]	-	ND [0.0492]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.0482]	-	ND [0.0898]	-	ND [0.0946]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.0994]	-	ND [0.185]	-	ND [0.196]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.025] E*	-	*ND [0.0466] E*	-	*ND [0.0492] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.025]	-	0.0284 [0.0748] J	-	ND [0.0492]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	0.0293 [0.0401] J	-	ND [0.0466]	-	ND [0.0492]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	0.0209 [0.0401] J	-	ND [0.0466]	-	ND [0.0492]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [1.94]	-	ND [2.1]	-	ND [2.14]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.642]	-	ND [0.694]	-	ND [0.706]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.642]	-	ND [0.694]	-	ND [0.706]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	*ND [0.31] E*	-	*ND [0.336] E*	-	*ND [0.342] E*
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.161] E*	-	*ND [0.175] E*	-	*ND [0.178] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.31]	-	ND [0.336]	-	ND [0.342]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	*ND [0.161] E*	-	*ND [0.175] E*	-	*ND [0.178] E*
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.161] E*	-	*ND [0.175] E*	-	*ND [0.178] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [1.94] E*	-	*ND [2.1] E*	-	*ND [2.14] E*
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [1.28]	-	ND [1.39]	-	ND [1.41]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.161] E*	-	*ND [0.175] E*	-	*ND [0.178] E*

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C03	B38-C04	B38-C04	B38-C05	B38-C05	B38-C06
					Sample ID:	11TAKU-B38-SO1-C03	11TAKU-B38-SO2-C04	11TAKU-B38-SO2-C04	11TAKU-B38-SO1-C05	11TAKU-B38-SO1-C05	11TAKU-B38-SO1-C06
					Lab Sample ID:	28771-6	1118887006	28771-7	1118927001	28998-1	1118927002
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1635	9/20/2011 1641	9/20/2011 1641	9/28/2011 1152	9/28/2011 1152	9/28/2011 1204
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.161] E*	-	*ND [0.175] E*	-	*ND [0.178] E*
SW8270	62-53-3	Aniline	mg/kg	-	-	-	ND [1.28]	-	ND [1.39]	-	ND [1.41]
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.161] E*	-	*ND [0.175] E*	-	*ND [0.178] E*
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.55]	-	ND [1.68]	-	ND [1.71]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.414]	-	ND [0.448]	-	ND [0.456]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	*ND [0.161] E*	-	*ND [0.175] E*	-	*ND [0.178] E*
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [1.28] E*	-	*ND [1.39] E*	-	*ND [1.41] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.161]	-	ND [0.175]	-	ND [0.178]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.161] E*	-	*ND [0.175] E*	-	*ND [0.178] E*
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.31]	-	ND [0.336]	-	ND [0.342]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C06	B38-C07	B38-C07	B38-C08	B38-C08	B38-C09
					Sample ID:	11TAKU-B38-SO1-C06	11TAKU-B38-SO2-C07	11TAKU-B38-SO2-C07	11TAKU-B38-SO2-C08	11TAKU-B38-SO2-C08	11TAKU-B38-SO2-C09
					Lab Sample ID:	28998-2	1118927003	28998-3	1118927004	28998-4	1118927005
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1204	9/28/2011 1208	9/28/2011 1208	9/28/2011 1212	9/28/2011 1212	9/28/2011 1357
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	ND [3.54]	-	ND [3.84]	-	ND [2.9]
AK102	-	Diesel Range Organics	mg/kg	250	-	-	12.3 [23.3] J	-	14.8 [24.2] J	-	ND [13.4]
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	70.1 [23.3]	-	70.3 [24.2]	-	21.1 [21.7] J
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0014]	-	ND [0.0015]	-	ND [0.0014]
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0014]	-	ND [0.0015]	-	ND [0.0014]
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.0011]	-	ND [0.0011]	-	ND [0.001]
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.0011]	-	ND [0.0011]	-	ND [0.001]
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.0011]	-	ND [0.0011]	-	ND [0.001]
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.0011]	-	ND [0.0011]	-	ND [0.001]
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0014]	-	ND [0.0015]	-	ND [0.0014]
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	0.0021 [0.0023] J	-	ND [0.0015]	-	ND [0.0014]
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.0011]	-	ND [0.0011]	-	ND [0.001]
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.0011]	-	ND [0.0011]	-	ND [0.001]
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0036]	-	ND [0.0033]
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	ND [0.035]	-	ND [0.036]	-	ND [0.0326]
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.0011]	-	ND [0.0011]	-	ND [0.001]
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.0014]	-	ND [0.0015]	-	ND [0.0014]
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0014]	-	ND [0.0015]	-	ND [0.0014]
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0014]	-	ND [0.0015]	-	ND [0.0014]
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	0.0403 [0.0116]	-	0.0136 [0.0024]	-	0.0039 [0.0022]
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	0.0477 [0.0116]	-	0.0148 [0.0024]	-	0.0042 [0.0022]
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0014]	-	ND [0.0015]	-	ND [0.0014]
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0014]	-	ND [0.0015]	-	ND [0.0014]
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.0722]	-	ND [0.0746]	-	ND [0.0674]
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.0011]	-	ND [0.0011]	-	ND [0.001]
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	7.69 [0.215]	-	9.1 [0.24]	-	6.02 [0.214]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.326 [0.107]	-	0.0628 [0.12] J	-	0.0513 [0.107] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**11.3 [1.07]**	-	**12.6 [1.2]**	-	**8.57 [1.07]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	111 [0.322]	-	104 [0.36]	-	95.6 [0.321]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.219 [0.215]	-	0.139 [0.24] J	-	0.136 [0.214] J
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	19.9 [0.43]	-	21.5 [0.48]	-	17.4 [0.428]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.245 [0.537] J	-	0.301 [0.6] J	-	ND [0.32]
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	ND [0.0274]	-	ND [0.0286]	-	ND [0.025]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	0.0049 [0.012] J	-	ND [0.0057]	-	0.014 [0.012]	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	ND [0.0059]	-	ND [0.0057]	-	ND [0.0058]	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	ND [0.0094]	-	ND [0.009]	-	ND [0.0093]	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	ND [0.0094]	-	ND [0.009]	-	ND [0.0093]	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0035]	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	ND [0.0059]	-	ND [0.0057]	-	ND [0.0058]	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	ND [0.0059]	-	ND [0.0057]	-	ND [0.0058]	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.004]	-	ND [0.0038]	-	ND [0.0039]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.004]	-	ND [0.0038]	-	ND [0.0039]	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0081]	-	ND [0.0076]	-	ND [0.0078]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.016]	-	ND [0.015]	-	ND [0.016]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0081]	-	ND [0.0076]	-	ND [0.0078]	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.004]	-	ND [0.0038]	-	ND [0.0039]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.004]	-	ND [0.0038]	-	ND [0.0039]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.004]	-	ND [0.0038]	-	ND [0.0039]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.004]	-	ND [0.0038]	-	ND [0.0039]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.004]	-	ND [0.0038]	-	ND [0.0039]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.004]	-	ND [0.0038]	-	ND [0.0039]	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C06	B38-C07	B38-C07	B38-C08	B38-C08	B38-C09
					Sample ID:	11TAKU-B38-SO1-C06	11TAKU-B38-SO2-C07	11TAKU-B38-SO2-C07	11TAKU-B38-SO2-C08	11TAKU-B38-SO2-C08	11TAKU-B38-SO2-C09
					Lab Sample ID:	28998-2	1118927003	28998-3	1118927004	28998-4	1118927005
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1204	9/28/2011 1208	9/28/2011 1208	9/28/2011 1212	9/28/2011 1212	9/28/2011 1357
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.004]	-	ND [0.0038]	-	ND [0.0039]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.0368] E*	-	*ND [0.04] E*	-	*ND [0.03] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.0368] E*	-	*ND [0.04] E*	-	*ND [0.03] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.368]	-	ND [0.4]	-	ND [0.3]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.0708]	-	ND [0.077]	-	ND [0.0578]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	*ND [0.0368] E*	-	*ND [0.04] E*	-	ND [0.03]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.0184]	-	ND [0.02]	-	ND [0.015]
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	ND [0.146]	-	ND [0.159]	-	ND [0.12]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.146]	-	ND [0.159]	-	ND [0.12]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	*ND [0.0368] E*	-	*ND [0.04] E*	-	*ND [0.03] E*
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.368]	-	ND [0.4]	-	ND [0.3]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.368]	-	ND [0.4]	-	ND [0.3]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.0184]	-	ND [0.02]	-	ND [0.015]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	*ND [0.292] E*	-	*ND [0.318] E*	-	*ND [0.24] E*
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	-	ND [0.292]	-	ND [0.318]	-	ND [0.24]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	*ND [0.0368] E*	-	*ND [0.04] E*	-	*ND [0.03] E*
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	*ND [0.146] E*	-	*ND [0.159] E*	-	*ND [0.12] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.146]	-	ND [0.159]	-	ND [0.12]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	*ND [0.0368] E*	-	*ND [0.04] E*	-	ND [0.03]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.0708]	-	ND [0.077]	-	ND [0.0578]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.0708]	-	ND [0.077]	-	ND [0.0578]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	*ND [0.0368] E*	-	*ND [0.04] E*	-	*ND [0.03] E*
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.368]	-	ND [0.4]	-	ND [0.3]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	*ND [0.0368] E*	-	*ND [0.04] E*	-	*ND [0.03] E*

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C06	B38-C07	B38-C07	B38-C08	B38-C08	B38-C09
					Sample ID:	11TAKU-B38-SO1-C06	11TAKU-B38-SO2-C07	11TAKU-B38-SO2-C07	11TAKU-B38-SO2-C08	11TAKU-B38-SO2-C08	11TAKU-B38-SO2-C09
					Lab Sample ID:	28998-2	1118927003	28998-3	1118927004	28998-4	1118927005
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1204	9/28/2011 1208	9/28/2011 1208	9/28/2011 1212	9/28/2011 1212	9/28/2011 1357
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.0184]	-	ND [0.02]	-	ND [0.015]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	*ND [0.0708] E*	-	*ND [0.077] E*	-	*ND [0.0578] E*
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.0708]	-	ND [0.077]	-	ND [0.0578]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.0708]	-	ND [0.077]	-	ND [0.0578]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0708]	-	ND [0.077]	-	ND [0.0578]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.0708]	-	ND [0.077]	-	ND [0.0578]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.146]	-	ND [0.159]	-	ND [0.12]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.0368] E*	-	*ND [0.04] E*	-	*ND [0.03] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.0368]	-	ND [0.04]	-	ND [0.03]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.0368]	-	0.0276 [0.0641] J	-	ND [0.03]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [2.14]	-	ND [2.26]	-	ND [2.04]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.708]	-	ND [0.744]	-	ND [0.672]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.708]	-	ND [0.744]	-	ND [0.672]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	*ND [0.342] E*	-	*ND [0.36] E*	-	*ND [0.326] E*
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.178] E*	-	*ND [0.187] E*	-	*ND [0.169] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.342]	-	ND [0.36]	-	ND [0.326]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	*ND [0.178] E*	-	*ND [0.187] E*	-	*ND [0.169] E*
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.178] E*	-	*ND [0.187] E*	-	*ND [0.169] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [2.14] E*	-	*ND [2.26] E*	-	*ND [2.04] E*
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [1.42]	-	ND [1.49]	-	ND [1.34]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.178] E*	-	*ND [0.187] E*	-	*ND [0.169] E*

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C06	B38-C07	B38-C07	B38-C08	B38-C08	B38-C09
					Sample ID:	11TAKU-B38-SO1-C06	11TAKU-B38-SO2-C07	11TAKU-B38-SO2-C07	11TAKU-B38-SO2-C08	11TAKU-B38-SO2-C08	11TAKU-B38-SO2-C09
					Lab Sample ID:	28998-2	1118927003	28998-3	1118927004	28998-4	1118927005
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1204	9/28/2011 1208	9/28/2011 1208	9/28/2011 1212	9/28/2011 1212	9/28/2011 1357
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.178] E*	-	*ND [0.187] E*	-	*ND [0.169] E*
SW8270	62-53-3	Aniline	mg/kg	-	-	-	ND [1.42]	-	ND [1.49]	-	ND [1.34]
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.178] E*	-	*ND [0.187] E*	-	*ND [0.169] E*
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.71]	-	ND [1.8]	-	ND [1.63]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.456]	-	ND [0.48]	-	ND [0.434]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	*ND [0.178] E*	-	*ND [0.187] E*	-	*ND [0.169] E*
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [1.42] E*	-	*ND [1.49] E*	-	*ND [1.34] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.178]	-	ND [0.187]	-	ND [0.169]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.178] E*	-	*ND [0.187] E*	-	*ND [0.169] E*
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.342]	-	ND [0.36]	-	ND [0.326]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C09	B38-C10	B38-C10	B38-C11	B38-C11
					Sample ID:	11TAKU-B38-SO2-C09	11TAKU-B38-SO3-C10	11TAKU-B38-SO3-C10	11TAKU-B38-SO4-C11	11TAKU-B38-SO4-C11
					Lab Sample ID:	28998-5	1118927006	28998-6	1118927007	28998-7
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1357	9/28/2011 1401	9/28/2011 1401	9/28/2011 1405	9/28/2011 1405
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	ND [3.34]	-	ND [3.22]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	ND [13.6]	-	ND [13.7]	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	15.8 [21.9] J	-	18 [22.2] J	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0033]	-	ND [0.0033]	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-	ND [0.0326]	-	ND [0.0332]	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	0.0026 [0.0022]	-	0.001 [0.0022] J	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	0.0013 [0.0022] J	-	ND [0.0014]	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.0674]	-	ND [0.0688]	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.001]	-	ND [0.001]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	6.66 [0.216]	-	7.52 [0.221]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.0792 [0.108] J	-	0.095 [0.111] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**10.8 [1.08]**	-	**12.1 [1.11]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	113 [0.323]	-	110 [0.332]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.191 [0.216] J	-	0.208 [0.221] J	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	18.9 [0.431]	-	19.5 [0.442]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.285 [0.539] J	-	0.179 [0.553] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	ND [0.0256]	-	ND [0.0268]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	0.0037 [0.01] J	-	ND [0.0053]	-	ND [0.0055]
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	ND [0.0051]	-	ND [0.0053]	-	ND [0.0055]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	ND [0.0082]	-	ND [0.0084]	-	ND [0.0088]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	ND [0.0082]	-	ND [0.0084]	-	ND [0.0088]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	ND [0.0031]	-	ND [0.0032]	-	ND [0.0033]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	ND [0.0051]	-	ND [0.0053]	-	ND [0.0055]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	ND [0.0051]	-	ND [0.0053]	-	ND [0.0055]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0037]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0037]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0071]	-	ND [0.0071]	-	ND [0.0074]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.014]	-	ND [0.014]	-	ND [0.015]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0071]	-	ND [0.0071]	-	ND [0.0074]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0036]	-	ND [0.0036]	-	ND [0.0037]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0037]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0036]	-	ND [0.0036]	-	ND [0.0037]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0037]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0037]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0036]	-	ND [0.0036]	-	ND [0.0037]

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C09	B38-C10	B38-C10	B38-C11	B38-C11
					Sample ID:	11TAKU-B38-SO2-C09	11TAKU-B38-SO3-C10	11TAKU-B38-SO3-C10	11TAKU-B38-SO4-C11	11TAKU-B38-SO4-C11
					Lab Sample ID:	28998-5	1118927006	28998-6	1118927007	28998-7
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1357	9/28/2011 1401	9/28/2011 1401	9/28/2011 1405	9/28/2011 1405
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0037]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.0346] E*	-	*ND [0.0334] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.0346] E*	-	*ND [0.0334] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.346]	-	ND [0.334]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.0666]	-	ND [0.0642]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	*ND [0.0346] E*	-	*ND [0.0334] E*	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.0173]	-	ND [0.0167]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-	ND [0.138]	-	ND [0.133]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.138]	-	ND [0.133]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	*ND [0.0346] E*	-	*ND [0.0334] E*	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.346]	-	ND [0.334]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.346]	-	ND [0.334]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.0173]	-	ND [0.0167]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	*ND [0.276] E*	-	*ND [0.266] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	-	ND [0.276]	-	ND [0.266]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	*ND [0.0346] E*	-	*ND [0.0334] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	0.0744 [0.222] J,JC+, JS+	-	*ND [0.133] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.138]	-	ND [0.133]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	*ND [0.0346] E*	-	*ND [0.0334] E*	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.0666]	-	ND [0.0642]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.0666]	-	ND [0.0642]	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	*ND [0.0346] E*	-	*ND [0.0334] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.346]	-	ND [0.334]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	*ND [0.0346] E*	-	*ND [0.0334] E*	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C09	B38-C10	B38-C10	B38-C11	B38-C11
					Sample ID:	11TAKU-B38-SO2-C09	11TAKU-B38-SO3-C10	11TAKU-B38-SO3-C10	11TAKU-B38-SO4-C11	11TAKU-B38-SO4-C11
					Lab Sample ID:	28998-5	1118927006	28998-6	1118927007	28998-7
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1357	9/28/2011 1401	9/28/2011 1401	9/28/2011 1405	9/28/2011 1405
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.0173]	-	ND [0.0167]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	*ND [0.0666] E*	-	*ND [0.0642] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.0666]	-	ND [0.0642]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.0666]	-	ND [0.0642]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0666]	-	ND [0.0642]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.0666]	-	ND [0.0642]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.138]	-	ND [0.133]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.0346] E*	-	*ND [0.0334] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.0346]	-	ND [0.0334]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [2.04]	-	ND [2.06]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.676]	-	ND [0.682]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.676]	-	ND [0.682]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.17]	-	ND [0.172]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	*ND [0.326] E*	-	*ND [0.33] E*	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.17] E*	-	*ND [0.172] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.17]	-	ND [0.172]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.326]	-	ND [0.33]	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	*ND [0.17] E*	-	*ND [0.172] E*	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.17]	-	ND [0.172]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.17] E*	-	*ND [0.172] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.17]	-	ND [0.172]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [2.04] E*	-	*ND [2.06] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [1.35]	-	ND [1.36]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.17] E*	-	*ND [0.172] E*	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C09	B38-C10	B38-C10	B38-C11	B38-C11
					Sample ID:	11TAKU-B38-SO2-C09	11TAKU-B38-SO3-C10	11TAKU-B38-SO3-C10	11TAKU-B38-SO4-C11	11TAKU-B38-SO4-C11
					Lab Sample ID:	28998-5	1118927006	28998-6	1118927007	28998-7
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1357	9/28/2011 1401	9/28/2011 1401	9/28/2011 1405	9/28/2011 1405
					Lab ID:	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.17] E*	-	*ND [0.172] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-	ND [1.35]	-	ND [1.36]	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.17] E*	-	*ND [0.172] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.63]	-	ND [1.65]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.436]	-	ND [0.44]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	*ND [0.17] E*	-	*ND [0.172] E*	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [1.35] E*	-	*ND [1.36] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.17]	-	ND [0.172]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.17]	-	ND [0.172]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	*ND [0.17] E*	-	*ND [0.172] E*	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.326]	-	ND [0.33]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C12	B38-C12	B38-C13	B38-C13	B38-C14	B38-C14
					Sample ID:	11TAKU-B38-SO4-C12	11TAKU-B38-SO4-C12	11TAKU-B38-SO4-C13	11TAKU-B38-SO4-C13	11TAKU-B38-SO4-C14	11TAKU-B38-SO4-C14
					Lab Sample ID:	1118927008	28998-8	1118927011	28998-9	1118927012	28998-10
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1412	9/28/2011 1412	9/28/2011 1419	9/28/2011 1419	9/28/2011 1419	9/28/2011 1419
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [3.94]	-	ND [3.54]	-	ND [3.46]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [13.3]	-	ND [13.8]	-	ND [13.7]	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	ND [13.3]	-	14.8 [22.3] J	-	16.3 [22.1] J	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	ND [0.0013] JM-	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.0032] JM-	-	ND [0.0033]	-	ND [0.0033]	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	ND [0.032]	-	ND [0.0332]	-	ND [0.0334]	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.0013] JM-	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.0013] JM-	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.0013]	-	0.0008 [0.0022] J	-	0.0016 [0.0022] J	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.0013]	-	ND [0.0014]	-	0.001 [0.0022] J	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.0013]	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.0013] JM-	-	ND [0.0014]	-	ND [0.0014]	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.0662]	-	ND [0.0688]	-	ND [0.0688]	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	6.08 [0.196]	-	7.49 [0.217]	-	7.47 [0.212]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.0379 [0.0982] J	-	0.0909 [0.109] J	-	0.101 [0.106] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**10.8 [0.982]**	-	**12.8 [1.09]**	-	**12.4 [1.06]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	95.3 [0.295]	-	114 [0.326]	-	112 [0.317]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.101 [0.196] J	-	0.213 [0.217] J	-	0.216 [0.212]	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	17.3 [0.393]	-	19.7 [0.434]	-	19.8 [0.423]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.188 [0.491] J	-	0.315 [0.543] J	-	0.326 [0.529] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	ND [0.0252]	-	ND [0.0262]	-	ND [0.0262]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.0054]	-	ND [0.0053]
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.0054]	-	ND [0.0053]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0083]	-	ND [0.0086]	-	ND [0.0085]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0083]	-	ND [0.0086]	-	ND [0.0085]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0031]	-	ND [0.0032]	-	ND [0.0032]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.0054]	-	ND [0.0053]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.0054]	-	ND [0.0053]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0035]	-	ND [0.00036]	-	ND [0.0036]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0035]	-	ND [0.00036]	-	ND [0.0036]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0071]	-	ND [0.00072]	-	ND [0.0072]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.014]	-	ND [0.0014]	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0071]	-	ND [0.00072]	-	ND [0.0072]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0035]	-	ND [0.00036]	-	ND [0.0036]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0035]	-	ND [0.00036]	-	ND [0.0036]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0035]	-	ND [0.00036]	-	ND [0.0036]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0035]	-	ND [0.00036]	-	ND [0.0036]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0035]	-	ND [0.00036]	-	ND [0.0036]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0035]	-	ND [0.00036]	-	ND [0.0036]

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C12	B38-C12	B38-C13	B38-C13	B38-C14	B38-C14
					Sample ID:	11TAKU-B38-SO4-C12	11TAKU-B38-SO4-C12	11TAKU-B38-SO4-C13	11TAKU-B38-SO4-C13	11TAKU-B38-SO4-C14	11TAKU-B38-SO4-C14
					Lab Sample ID:	1118927008	28998-8	1118927011	28998-9	1118927012	28998-10
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1412	9/28/2011 1412	9/28/2011 1419	9/28/2011 1419	9/28/2011 1419	9/28/2011 1419
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0035]	-	ND [0.00036]	-	ND [0.0036]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0408] JM- E*	-	*ND [0.0368] E*	-	*ND [0.036] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0408] E*	-	*ND [0.0368] E*	-	*ND [0.036] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.408]	-	ND [0.368]	-	ND [0.36]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0786]	-	ND [0.0706]	-	ND [0.069]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.0408] E*	-	*ND [0.0368] E*	-	*ND [0.036] E*	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0204]	-	ND [0.0184]	-	ND [0.018]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.163]	-	ND [0.146]	-	ND [0.143]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.163]	-	ND [0.146]	-	ND [0.143]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	*ND [0.0408] E*	-	*ND [0.0368] E*	-	*ND [0.036] E*	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.408]	-	ND [0.368]	-	ND [0.36]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.408]	-	ND [0.368]	-	ND [0.36]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0204]	-	ND [0.0184]	-	ND [0.018]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.326] E*	-	*ND [0.292] E*	-	*ND [0.286] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.326]	-	ND [0.292]	-	ND [0.286]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0408] E*	-	*ND [0.0368] E*	-	*ND [0.036] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.163] E*	-	*ND [0.146] E*	-	*ND [0.143] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.163]	-	ND [0.146]	-	ND [0.143]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	*ND [0.0408] E*	-	*ND [0.0368] E*	-	*ND [0.036] E*	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0786]	-	ND [0.0706]	-	ND [0.069]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0786]	-	ND [0.0706]	-	ND [0.069]	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.0408] E*	-	*ND [0.0368] E*	-	*ND [0.036] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.408]	-	ND [0.368]	-	ND [0.36]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.0408] E*	-	*ND [0.0368] E*	-	*ND [0.036] E*	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C12	B38-C12	B38-C13	B38-C13	B38-C14	B38-C14
					Sample ID:	11TAKU-B38-SO4-C12	11TAKU-B38-SO4-C12	11TAKU-B38-SO4-C13	11TAKU-B38-SO4-C13	11TAKU-B38-SO4-C14	11TAKU-B38-SO4-C14
					Lab Sample ID:	1118927008	28998-8	1118927011	28998-9	1118927012	28998-10
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1412	9/28/2011 1412	9/28/2011 1419	9/28/2011 1419	9/28/2011 1419	9/28/2011 1419
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	*ND [0.0204] E*	-	ND [0.0184]	-	ND [0.018]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0786] E*	-	*ND [0.0706] E*	-	*ND [0.069] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0786]	-	ND [0.0706]	-	ND [0.069]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0786]	-	ND [0.0706]	-	ND [0.069]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0786]	-	ND [0.0706]	-	ND [0.069]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0786]	-	ND [0.0706]	-	ND [0.069]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.163]	-	ND [0.146]	-	ND [0.143]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0408] E*	-	*ND [0.0368] E*	-	*ND [0.036] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0408]	-	ND [0.0368]	-	ND [0.036]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [2]	-	ND [2.08]	-	ND [2.06]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.658]	-	ND [0.686]	-	ND [0.68]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.658]	-	ND [0.686]	-	ND [0.68]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [0.318] E*	-	*ND [0.332] E*	-	*ND [0.33] E*	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.166] E*	-	*ND [0.172] E*	-	*ND [0.171] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.318]	-	ND [0.332]	-	ND [0.33]	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [0.166] E*	-	*ND [0.172] E*	-	*ND [0.171] E*	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.166] E*	-	*ND [0.172] E*	-	*ND [0.171] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [2] E*	-	*ND [2.08] E*	-	*ND [2.06] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [1.32]	-	ND [1.37]	-	ND [1.36]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.166] E*	-	*ND [0.172] E*	-	*ND [0.171] E*	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C12	B38-C12	B38-C13	B38-C13	B38-C14	B38-C14
					Sample ID:	11TAKU-B38-SO4-C12	11TAKU-B38-SO4-C12	11TAKU-B38-SO4-C13	11TAKU-B38-SO4-C13	11TAKU-B38-SO4-C14	11TAKU-B38-SO4-C14
					Lab Sample ID:	1118927008	28998-8	1118927011	28998-9	1118927012	28998-10
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1412	9/28/2011 1412	9/28/2011 1419	9/28/2011 1419	9/28/2011 1419	9/28/2011 1419
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.166] E*	-	*ND [0.172] E*	-	*ND [0.171] E*	-
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [1.32]	-	ND [1.37]	-	ND [1.36]	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.166] E*	-	*ND [0.172] E*	-	*ND [0.171] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.59]	-	ND [1.66]	-	ND [1.65]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.424]	-	ND [0.442]	-	ND [0.44]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [0.166] E*	-	*ND [0.172] E*	-	*ND [0.171] E*	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [1.32] E*	-	*ND [1.37] E*	-	*ND [1.36] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.166]	-	ND [0.172]	-	ND [0.171]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [0.166] E*	-	*ND [0.172] E*	-	*ND [0.171] E*	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.318]	-	ND [0.332]	-	ND [0.33]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C15	B38-C15	B38-W01	B38-W01	B38-TB01	B38-TB02
					Sample ID:	11TAKU-B38-SO4-C15	11TAKU-B38-SO4-C15	11TAKU-B38-S01-W01	11TAKU-B38-S0O1-W01	11TAKU-B38-TB01	11TAKU-B38-TB02
					Lab Sample ID:	1118927013	28998-11	28623-1	1118828001	1118828002	1118887007
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1424	9/28/2011 1424	9/10/2011 1232	9/10/2011 1232	9/10/2011 1232	9/20/2011 0800
					Lab ID:	SGSA	TATW	TATW	SGSA	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [2.92]	-	ND [4.08]	-	ND [1.57]	ND [1.55]
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [13.8]	-	**472 [23.3]**	-	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	14.8 [22.2] J	-	198 [23.3]	-	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.0014]	-	ND [0.0014]	-	-	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.0014]	-	ND [0.0014]	-	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.001]	-	ND [0.0011]	-	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.001]	-	ND [0.0011] R	-	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.001]	-	ND [0.0011] R	-	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	ND [0.001]	-	ND [0.0011] R	-	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.0014]	-	ND [0.0014]	-	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	ND [0.0014]	-	0.0038 [0.0023] JM-	-	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.001]	-	ND [0.0011] JM-	-	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.001]	-	ND [0.0011] JM-	-	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.0033]	-	ND [0.0035] JM-	-	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	ND [0.0334]	-	ND [0.035]	-	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.001]	-	ND [0.0011] R	-	-	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.0014]	-	ND [0.0014]	-	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.0014]	-	ND [0.0014]	-	-	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.0014]	-	ND [0.0014] R	-	-	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.0014]	-	0.0173 [0.0023] JM-	-	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.0014]	-	0.0151 [0.0023]	-	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.0014]	-	ND [0.0014]	-	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.0014]	-	ND [0.0014]	-	-	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.069]	-	ND [0.0722]	-	-	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.001]	-	ND [0.0011] R	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	7.27 [0.22]	-	9.31 [0.223]	-	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.109 [0.11] J	-	0.0915 [0.111] J	-	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**11.5 [1.1]**	-	**10.6 [1.11]**	-	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	105 [0.329]	-	127 [0.334]	-	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.177 [0.22] J	-	0.251 [0.223]	-	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	19 [0.439]	-	18.6 [0.445]	-	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.204 [0.549] J	-	0.417 [0.556] J	-	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.0134 [0.0441] J	-	0.0215 [0.0452] J	-	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0053]	-	-	-	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0053]	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0084]	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0084]	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0032]	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0053]	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0053]	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0042]	-	ND [0.0038]	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0042]	-	ND [0.0038]	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0083]	-	ND [0.0075]	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.017]	-	ND [0.015]	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0083]	-	ND [0.0075]	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0042]	-	ND [0.0038]	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0042]	-	ND [0.0038]	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0042]	-	ND [0.0038]	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0042]	-	ND [0.0038]	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0042]	-	ND [0.0038]	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0042]	-	ND [0.0038]	-	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C15	B38-C15	B38-W01	B38-W01	B38-TB01	B38-TB02
					Sample ID:	11TAKU-B38-SO4-C15	11TAKU-B38-SO4-C15	11TAKU-B38-S01-W01	11TAKU-B38-S0O1-W01	11TAKU-B38-TB01	11TAKU-B38-TB02
					Lab Sample ID:	1118927013	28998-11	28623-1	1118828001	1118828002	1118887007
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1424	9/28/2011 1424	9/10/2011 1232	9/10/2011 1232	9/10/2011 1232	9/20/2011 0800
					Lab ID:	SGSA	TATW	TATW	SGSA	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0042]	-	ND [0.0038]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0304] E*	-	*ND [0.0424] E*	-	*ND [0.0163] E*	*ND [0.0161] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0304] E*	-	*ND [0.0424] E*	-	*ND [0.0163] E*	*ND [0.0161] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.304]	-	ND [0.424]	-	ND [0.163]	ND [0.161]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0584]	-	ND [0.0814]	-	ND [0.0314]	ND [0.031]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0304]	-	*ND [0.0424] E*	-	ND [0.0163]	ND [0.0161]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0152]	-	ND [0.0212]	-	ND [0.0081]	ND [0.0081]
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.121]	-	ND [0.168]	-	ND [0.0648]	ND [0.0642]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.121]	-	ND [0.168]	-	ND [0.0648]	ND [0.0642]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	*ND [0.0304] E*	-	*ND [0.0424] E*	-	ND [0.0163]	ND [0.0161]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.304]	-	ND [0.424]	-	ND [0.163]	ND [0.161]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.304]	-	ND [0.424]	-	ND [0.163]	ND [0.161]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0152]	-	ND [0.0212]	-	ND [0.0081]	ND [0.0081]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.242] E*	-	*ND [0.336] E*	-	ND [0.13]	ND [0.128]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.242]	-	ND [0.336]	-	ND [0.13]	ND [0.128]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0304] E*	-	*ND [0.0424] E*	-	*ND [0.0163] E*	*ND [0.0161] E*
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.121] E*	-	*ND [0.168] E*	-	*ND [0.0648] E*	*ND [0.0642] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.121]	-	ND [0.168]	-	ND [0.0648]	ND [0.0642]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	*ND [0.0304] E*	-	*ND [0.0424] E*	-	ND [0.0163]	ND [0.0161]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0584]	-	ND [0.0814]	-	ND [0.0314]	ND [0.031]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0584]	-	ND [0.0814]	-	ND [0.0314]	ND [0.031]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.0304] E*	-	*ND [0.0424] E*	-	ND [0.0163]	ND [0.0161]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.304]	-	ND [0.424]	-	ND [0.163]	ND [0.161]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.0304] E*	-	*ND [0.0424] E*	-	ND [0.0163]	ND [0.0161]

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C15	B38-C15	B38-W01	B38-W01	B38-TB01	B38-TB02
					Sample ID:	11TAKU-B38-SO4-C15	11TAKU-B38-SO4-C15	11TAKU-B38-S01-W01	11TAKU-B38-S0O1-W01	11TAKU-B38-TB01	11TAKU-B38-TB02
					Lab Sample ID:	1118927013	28998-11	28623-1	1118828001	1118828002	1118887007
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1424	9/28/2011 1424	9/10/2011 1232	9/10/2011 1232	9/10/2011 1232	9/20/2011 0800
					Lab ID:	SGSA	TATW	TATW	SGSA	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0152]	-	*ND [0.0212] E*	-	ND [0.0081]	ND [0.0081]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0584] E*	-	*ND [0.0814] E*	-	*ND [0.0314] E*	*ND [0.031] E*
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0584]	-	ND [0.0814]	-	ND [0.0314]	ND [0.031]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0584]	-	ND [0.0814]	-	ND [0.0314]	ND [0.031]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0584]	-	ND [0.0814]	-	ND [0.0314]	ND [0.031]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0584]	-	ND [0.0814]	-	ND [0.0314]	ND [0.031]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.121]	-	ND [0.168]	-	ND [0.0648]	ND [0.0642]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0304] E*	-	*ND [0.0424] E*	-	*ND [0.0163] E*	*ND [0.0161] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0304]	-	ND [0.0424]	-	ND [0.0163]	ND [0.0161]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [2.1]	-	ND [2.2]	-	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.692]	-	ND [0.722]	-	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.692]	-	ND [0.722]	-	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	*ND [0.336] E*	-	*ND [0.35] E*	-	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.174] E*	-	*ND [0.182] E*	-	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.336]	-	ND [0.35]	-	-	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	*ND [0.174] E*	-	*ND [0.182] E*	-	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.174] E*	-	*ND [0.182] E*	-	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [2.1] E*	-	*ND [2.2] E*	-	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [1.39]	-	ND [1.45]	-	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.174] E*	-	*ND [0.182] E*	-	-	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	B38-C15	B38-C15	B38-W01	B38-W01	B38-TB01	B38-TB02
					Sample ID:	11TAKU-B38-SO4-C15	11TAKU-B38-SO4-C15	11TAKU-B38-S01-W01	11TAKU-B38-S0O1-W01	11TAKU-B38-TB01	11TAKU-B38-TB02
					Lab Sample ID:	1118927013	28998-11	28623-1	1118828001	1118828002	1118887007
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1424	9/28/2011 1424	9/10/2011 1232	9/10/2011 1232	9/10/2011 1232	9/20/2011 0800
					Lab ID:	SGSA	TATW	TATW	SGSA	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.174] E*	-	*ND [0.182] E*	-	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	ND [1.39]	-	ND [1.45]	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.174] E*	-	*ND [0.182] E*	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.68]	-	ND [1.75]	-	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.446]	-	ND [0.466]	-	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	*ND [0.174] E*	-	*ND [0.182] E*	-	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [1.39] E*	-	*ND [1.45] E*	-	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.174]	-	ND [0.182]	-	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	*ND [0.174] E*	-	*ND [0.182] E*	-	-	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.336]	-	ND [0.35]	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	TB03
					Sample ID:	11TAKU-B38-TB03
					Lab Sample ID:	1118927014
					Matrix:	SO
					Sample Date/Time:	9/28/2011 0800
					Lab ID:	SGSA
					QA/QC:	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.53]
AK102	-	Diesel Range Organics	mg/kg	250	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-
OCPSTSM	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-
OCPSTSM	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-
OCPSTSM	309-00-2	Aldrin	mg/kg	0.07	-	-
OCPSTSM	319-84-6	alpha-BHC	mg/kg	0.0064	-	-
OCPSTSM	319-85-7	beta-BHC	mg/kg	0.022	-	-
OCPSTSM	319-86-8	delta-BHC	mg/kg	-	-	-
OCPSTSM	33213-65-9	Endosulfan II	mg/kg	-	-	-
OCPSTSM	50-29-3	4,4'-DDT	mg/kg	7.3	-	-
OCPSTSM	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-
OCPSTSM	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-
OCPSTSM	53494-70-5	Endrin ketone	mg/kg	-	-	-
OCPSTSM	57-74-9	Chlordane	mg/kg	2.3	-	-
OCPSTSM	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-
OCPSTSM	60-57-1	Dieldrin	mg/kg	0.0076	-	-
OCPSTSM	72-20-8	Endrin	mg/kg	0.29	0.081	-
OCPSTSM	72-43-5	Methoxychlor	mg/kg	23	2.2	-
OCPSTSM	72-54-8	4,4'-DDD	mg/kg	7.2	-	-
OCPSTSM	72-55-9	4,4'-DDE	mg/kg	5.1	-	-
OCPSTSM	7421-93-4	Endrin aldehyde	mg/kg	-	-	-
OCPSTSM	76-44-8	Heptachlor	mg/kg	0.28	0.033	-
OCPSTSM	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-
OCPSTSM	959-98-8	Endosulfan I	mg/kg	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	TB03
					Sample ID:	11TAKU-B38-TB03
					Lab Sample ID:	1118927014
					Matrix:	SO
					Sample Date/Time:	9/28/2011 0800
					Lab ID:	SGSA
					QA/QC:	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0159]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0159]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0159]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0159]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0159]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0159]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0159]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0159]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0159] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	ND [0.0159]
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.159]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0306]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0159]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0159]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0159]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0159]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0159]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0159]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.008]
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.0634]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0159]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0159]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0159]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0159]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.0634]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0159]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0159]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0159]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.159]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0159]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0159]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.159]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0159]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.008]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0159]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.127]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0159]
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0159]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0159]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.127]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0159] E*
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.0634] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.0634]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0159]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0159]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0159]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0159]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0306]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0306]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0159]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.159]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0159]

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	TB03
					Sample ID:	11TAKU-B38-TB03
					Lab Sample ID:	1118927014
					Matrix:	SO
					Sample Date/Time:	9/28/2011 0800
					Lab ID:	SGSA
					QA/QC:	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.008]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0306] E*
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0306]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0306]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0306]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0159]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0159]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0159]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0306]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.0634]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0159] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0159]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0159]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0159]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-

Table B-1-2d
2011 Former Communications Site Construction Support - Area B38 Laboratory Results

					Location ID:	TB03
					Sample ID:	11TAKU-B38-TB03
					Lab Sample ID:	1118927014
					Matrix:	SO
					Sample Date/Time:	9/28/2011 0800
					Lab ID:	SGSA
					QA/QC:	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-
SW8270	62-53-3	Aniline	mg/kg	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C01	B42-C01	B42-C02	B42-C02	B42-C03	B42-C03
					Sample ID:	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C03	11TAKU-B42-SO1-C03
					Lab Sample ID:	1118627001	27869-1	1118627002	27869-2	1118627003	27869-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1135	8/6/2011 1135	8/6/2011 1138	8/6/2011 1138	8/6/2011 1142	8/6/2011 1142
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0026]	-	ND [0.0026]	-	0.0029 [0.0052] J
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0026]	-	ND [0.0026]	-	ND [0.0026]
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [2.5]	-	ND [1.6]	-	ND [1.75]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	4.7 [22] J, B	-	2.9 [22] J, B	-	2.5 [22] J, B
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	17 [54] J	-	15 [55] J	-	11 [54] J
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	7.7 [0.22]	-	8.2 [0.2]	-	8 [0.2]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.068 [0.22] J	-	0.083 [0.2] J	-	0.067 [0.2] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**12 [0.55]**	-	**10 [0.49]**	-	**11 [0.49]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	100 [0.22]	-	110 [0.2]	-	120 [0.2]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.2 [0.22] J	-	0.19 [0.2] J	-	0.2 [0.2]
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	19 [0.22]	-	19 [0.2]	-	20 [0.2]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.58 [0.76] J	-	0.53 [0.69] J	-	0.64 [0.69] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.014 [0.018] J	-	0.02 [0.018]	-	0.02 [0.017]
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.00033]	-	ND [0.00032]	-	ND [0.00032]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.00033]	-	ND [0.00032]	-	ND [0.00032]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.00054]	-	ND [0.00054]	-	ND [0.00054]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.00054]	-	ND [0.00054]	-	ND [0.00054]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.00054]	-	ND [0.00054]	-	ND [0.00054]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.00033]	-	ND [0.00032]	-	ND [0.00032]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.00054]	-	0.00071 [0.0021] J	-	0.00071 [0.0022] J
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.00033]	-	0.015 [0.0021]	-	0.0067 [0.0022]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.00033]	-	ND [0.00032]	-	ND [0.00032]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.00033]	-	ND [0.00032]	-	ND [0.00032]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.00054]	-	ND [0.00054]	-	ND [0.00054]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.00033]	-	ND [0.00032]	-	ND [0.00032]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.00033]	-	ND [0.00032]	-	ND [0.00032]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.00033]	-	ND [0.00032]	-	ND [0.00032]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.00054]	-	ND [0.00054]	-	ND [0.00054]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.00033]	-	0.00082 [0.0021] J	-	0.00052 [0.0022] J
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.00033]	-	0.0096 [0.0021]	-	0.0048 [0.0022]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.00054]	-	ND [0.00054]	-	ND [0.00054]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.00054]	-	ND [0.00054]	-	ND [0.00054]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.054]	-	ND [0.054]	-	ND [0.054]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.00033]	-	ND [0.00032]	-	ND [0.00032]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0054]	-	ND [0.0054]	-	ND [0.0054]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C01	B42-C01	B42-C02	B42-C02	B42-C03	B42-C03
					Sample ID:	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C03	11TAKU-B42-SO1-C03
					Lab Sample ID:	1118627001	27869-1	1118627002	27869-2	1118627003	27869-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1135	8/6/2011 1135	8/6/2011 1138	8/6/2011 1138	8/6/2011 1142	8/6/2011 1142
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0054]	-	ND [0.0054]	-	ND [0.0054]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0087]	-	ND [0.0086]	-	ND [0.0087]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0087]	-	ND [0.0086]	-	ND [0.0087]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0033]	-	ND [0.0032]	-	ND [0.0032]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0054]	-	ND [0.0054]	-	ND [0.0054]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0054]	-	ND [0.0054]	-	ND [0.0054]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0037]	-	ND [0.0036]	-	ND [0.0036]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0037]	-	ND [0.0036]	-	ND [0.0036]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0073]	-	ND [0.0073]	-	ND [0.0072]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.015]	-	ND [0.015]	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0073]	-	ND [0.0073]	-	ND [0.0072]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0037]	-	ND [0.0036]	-	ND [0.0036]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0037]	-	ND [0.0036]	-	ND [0.0036]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0037]	-	ND [0.0036]	-	ND [0.0036]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0037]	-	ND [0.0036]	-	ND [0.0036]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0037]	-	ND [0.0036]	-	ND [0.0036]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0037]	-	ND [0.0036]	-	ND [0.0036]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0037]	-	ND [0.0036]	-	ND [0.0036]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.026] E*	-	*ND [0.0167] E*	-	*ND [0.0182] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.026] E*	-	*ND [0.0167] E*	-	*ND [0.0182] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.26]	-	ND [0.167]	-	ND [0.182]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0502]	-	ND [0.032]	-	ND [0.035]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0502]	-	ND [0.032]	-	ND [0.035]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.013]	-	ND [0.0083]	-	ND [0.0091]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.104]	-	ND [0.0662]	-	ND [0.0722]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.104]	-	ND [0.0662]	-	ND [0.0722]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	*ND [0.026] E*	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.26]	-	ND [0.167]	-	ND [0.182]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C01	B42-C01	B42-C02	B42-C02	B42-C03	B42-C03
					Sample ID:	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C03	11TAKU-B42-SO1-C03
					Lab Sample ID:	1118627001	27869-1	1118627002	27869-2	1118627003	27869-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1135	8/6/2011 1135	8/6/2011 1138	8/6/2011 1138	8/6/2011 1142	8/6/2011 1142
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.26]	-	ND [0.167]	-	ND [0.182]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.013]	-	ND [0.0083]	-	ND [0.0091]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.208] E*	-	ND [0.133]	-	ND [0.145]	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.208]	-	ND [0.133]	-	ND [0.145]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.026] E*	-	*ND [0.0167] E*	-	*ND [0.0182] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.104] E*	-	*ND [0.0662] E*	-	*ND [0.0722] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.104]	-	ND [0.0662]	-	ND [0.0722]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0502]	-	ND [0.032]	-	ND [0.035]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0502]	-	ND [0.032]	-	ND [0.035]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.026] E*	-	ND [0.0167]	-	*ND [0.0182] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.26]	-	ND [0.167]	-	ND [0.182]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.026] E*	-	ND [0.0167]	-	*ND [0.0182] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.013]	-	ND [0.0083]	-	ND [0.0091]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0502] E*	-	*ND [0.032] E*	-	*ND [0.035] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0502]	-	ND [0.032]	-	ND [0.035]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0502]	-	ND [0.032]	-	ND [0.035]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0502]	-	ND [0.032]	-	ND [0.035]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0502]	-	ND [0.032]	-	ND [0.035]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0502]	-	ND [0.032]	-	ND [0.035]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.104]	-	ND [0.0662]	-	ND [0.0722]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.026] E*	-	*ND [0.0167] E*	-	*ND [0.0182] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.026]	-	ND [0.0167]	-	ND [0.0182]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.52]	-	ND [0.53]	-	ND [0.52]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-	-	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C01	B42-C01	B42-C02	B42-C02	B42-C03	B42-C03
					Sample ID:	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C03	11TAKU-B42-SO1-C03
					Lab Sample ID:	1118627001	27869-1	1118627002	27869-2	1118627003	27869-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1135	8/6/2011 1135	8/6/2011 1138	8/6/2011 1138	8/6/2011 1142	8/6/2011 1142
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.021] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.1]	-	ND [0.11]	-	ND [0.1]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.021] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	ND [0.52]	-	ND [0.53]	-	ND [0.52]
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.26]	-	ND [0.26]	-	ND [0.26]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.021] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.021] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1]	-	ND [1.1]	-	ND [1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.1]	-	ND [0.11]	-	ND [0.1]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.1]	-	ND [0.11]	-	ND [0.1]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.052] E*	-	*ND [0.053] E*	-	*ND [0.052] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.01]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C01	B42-C01	B42-C02	B42-C02	B42-C03	B42-C03
					Sample ID:	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C03	11TAKU-B42-SO1-C03
					Lab Sample ID:	1118627001	27869-1	1118627002	27869-2	1118627003	27869-3
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1135	8/6/2011 1135	8/6/2011 1138	8/6/2011 1138	8/6/2011 1142	8/6/2011 1142
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.042]	-	ND [0.042]	-	ND [0.042]
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.052]	-	ND [0.053]	-	ND [0.052]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C04	B42-C04	B42-C05	B42-C05	B42-C06	B42-C06
					Sample ID:	11TAKU-B42-SO2-C04	11TAKU-B42-SO2-C04	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C06	11TAKU-B42-SO1-C06
					Lab Sample ID:	1118627004	27869-4	1118627005	27869-5	1118627006	27869-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 1145	8/6/2011 1149	8/6/2011 1149	8/6/2011 1151	8/6/2011 1151
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0027]	-	ND [0.0027]	-	ND [0.0028]
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.57]	-	ND [1.9]	-	ND [1.56]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	2.9 [22] J, B	-	3.2 [22] J, B	-	3.1 [22] J, B
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	ND [34]	-	12 [55] J	-	18 [55] J
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	7.2 [0.21]	-	8.7 [0.19]	-	8.2 [0.21]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.058 [0.21] J	-	0.12 [0.19] J	-	0.062 [0.21] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**11 [0.53]**	-	**14 [0.48]**	-	**11 [0.52]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	110 [0.21]	-	120 [0.19]	-	110 [0.21]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.18 [0.21] J	-	0.2 [0.19]	-	0.21 [0.21]
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	21 [0.21]	-	21 [0.19]	-	20 [0.21]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.52 [0.74] J	-	0.52 [0.67] J	-	0.56 [0.73] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.015 [0.018] J	-	0.024 [0.017]	-	0.02 [0.017]
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.00032]	-	ND [0.00032]	-	ND [0.00033]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.00032]	-	ND [0.00032]	-	ND [0.00033]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.00053]	-	ND [0.00054]	-	ND [0.00054]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.00053]	-	ND [0.00054]	-	ND [0.00054]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.00053]	-	ND [0.00054]	-	ND [0.00054]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.00032]	-	ND [0.00032]	-	ND [0.00033]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.00053]	-	ND [0.00054]	-	ND [0.00054]
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.00032]	-	0.014 [0.0022]	-	0.0078 [0.0022]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.00032]	-	ND [0.00032]	-	ND [0.00033]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.00032]	-	ND [0.00032]	-	ND [0.00033]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.00053]	-	ND [0.00054]	-	ND [0.00054]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.00032]	-	ND [0.00032]	-	ND [0.00033]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.00032]	-	ND [0.00032]	-	ND [0.00033]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.00032]	-	ND [0.00032]	-	ND [0.00033]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.00053]	-	ND [0.00054]	-	ND [0.00054]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.00032]	-	0.0012 [0.0022] J	-	0.00069 [0.0022] J
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.00032]	-	0.015 [0.0022]	-	0.0062 [0.0022]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.00053]	-	ND [0.00054]	-	ND [0.00054]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.00053]	-	ND [0.00054]	-	ND [0.00054]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.053]	-	ND [0.054]	-	ND [0.054]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.00032]	-	ND [0.00032]	-	ND [0.00033]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0053]	-	ND [0.0054]	-	ND [0.0054]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C04	B42-C04	B42-C05	B42-C05	B42-C06	B42-C06
					Sample ID:	11TAKU-B42-SO2-C04	11TAKU-B42-SO2-C04	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C06	11TAKU-B42-SO1-C06
					Lab Sample ID:	1118627004	27869-4	1118627005	27869-5	1118627006	27869-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 1145	8/6/2011 1149	8/6/2011 1149	8/6/2011 1151	8/6/2011 1151
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0053]	-	ND [0.0054]	-	ND [0.0054]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0086]	-	ND [0.0086]	-	ND [0.0087]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0086]	-	ND [0.0086]	-	ND [0.0087]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0032]	-	ND [0.0032]	-	ND [0.0033]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0053]	-	ND [0.0054]	-	ND [0.0054]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0053]	-	ND [0.0054]	-	ND [0.0054]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0037]	-	ND [0.0036]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0037]	-	ND [0.0036]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0072]	-	ND [0.0074]	-	ND [0.0073]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.014]	-	ND [0.015]	-	ND [0.015]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0072]	-	ND [0.0074]	-	ND [0.0073]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0036]	-	ND [0.0037]	-	ND [0.0036]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0037]	-	ND [0.0036]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0036]	-	ND [0.0037]	-	ND [0.0036]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0037]	-	ND [0.0036]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0037]	-	ND [0.0036]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0036]	-	ND [0.0037]	-	ND [0.0036]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0037]	-	ND [0.0036]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0164] E*	-	*ND [0.0197] E*	-	*ND [0.0162] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0164] E*	-	*ND [0.0197] E*	-	*ND [0.0162] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.164]	-	ND [0.197]	-	ND [0.162]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0314]	-	ND [0.038]	-	ND [0.0312]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0314]	-	ND [0.038]	-	ND [0.0312]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0082]	-	ND [0.0099]	-	ND [0.0081]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.065]	-	ND [0.0784]	-	ND [0.0644]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.065]	-	ND [0.0784]	-	ND [0.0644]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.164]	-	ND [0.197]	-	ND [0.162]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C04	B42-C04	B42-C05	B42-C05	B42-C06	B42-C06
					Sample ID:	11TAKU-B42-SO2-C04	11TAKU-B42-SO2-C04	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C06	11TAKU-B42-SO1-C06
					Lab Sample ID:	1118627004	27869-4	1118627005	27869-5	1118627006	27869-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 1145	8/6/2011 1149	8/6/2011 1149	8/6/2011 1151	8/6/2011 1151
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.164]	-	ND [0.197]	-	ND [0.162]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0082]	-	ND [0.0099]	-	ND [0.0081]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.13]	-	ND [0.157]	-	ND [0.129]	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.13]	-	ND [0.157]	-	ND [0.129]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0164] E*	-	*ND [0.0197] E*	-	*ND [0.0162] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.065] E*	-	*ND [0.0784] E*	-	*ND [0.0644] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.065]	-	ND [0.0784]	-	ND [0.0644]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0314]	-	ND [0.038]	-	ND [0.0312]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0314]	-	ND [0.038]	-	ND [0.0312]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0164]	-	*ND [0.0197] E*	-	ND [0.0162]	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.164]	-	ND [0.197]	-	ND [0.162]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0164]	-	*ND [0.0197] E*	-	ND [0.0162]	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0082]	-	ND [0.0099]	-	ND [0.0081]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0314] E*	-	*ND [0.038] E*	-	*ND [0.0312] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0314]	-	ND [0.038]	-	ND [0.0312]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0314]	-	ND [0.038]	-	ND [0.0312]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0314]	-	ND [0.038]	-	ND [0.0312]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0314]	-	ND [0.038]	-	ND [0.0312]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0314]	-	ND [0.038]	-	ND [0.0312]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.065]	-	ND [0.0784]	-	ND [0.0644]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0164] E*	-	*ND [0.0197] E*	-	*ND [0.0162] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0164]	-	ND [0.0197]	-	ND [0.0162]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.54]	-	ND [0.55]	-	ND [0.55]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-	-	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C04	B42-C04	B42-C05	B42-C05	B42-C06	B42-C06
					Sample ID:	11TAKU-B42-SO2-C04	11TAKU-B42-SO2-C04	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C06	11TAKU-B42-SO1-C06
					Lab Sample ID:	1118627004	27869-4	1118627005	27869-5	1118627006	27869-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 1145	8/6/2011 1149	8/6/2011 1149	8/6/2011 1151	8/6/2011 1151
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.022] E*	-	*ND [0.022] E*	-	*ND [0.022] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.11]	-	ND [0.11]	-	ND [0.11]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.022] E*	-	*ND [0.022] E*	-	*ND [0.022] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	ND [0.54]	-	*ND [0.55] E*	-	*ND [0.55] E*
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.27]	-	ND [0.27]	-	ND [0.28]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.022] E*	-	*ND [0.022] E*	-	*ND [0.022] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.022] E*	-	*ND [0.022] E*	-	*ND [0.022] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.1]	-	ND [1.1]	-	ND [1.1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.11]	-	ND [0.11]	-	ND [0.11]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.11]	-	ND [0.11]	-	ND [0.11]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.054] E*	-	*ND [0.055] E*	-	*ND [0.055] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.011]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C04	B42-C04	B42-C05	B42-C05	B42-C06	B42-C06
					Sample ID:	11TAKU-B42-SO2-C04	11TAKU-B42-SO2-C04	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C06	11TAKU-B42-SO1-C06
					Lab Sample ID:	1118627004	27869-4	1118627005	27869-5	1118627006	27869-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1145	8/6/2011 1145	8/6/2011 1149	8/6/2011 1149	8/6/2011 1151	8/6/2011 1151
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.043]	-	ND [0.044]	-	ND [0.044]
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.054]	-	ND [0.055]	-	ND [0.055]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.022]	-	ND [0.022]	-	ND [0.022]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C07	B42-C07	B42-C08	B42-C08	B42-C09	B42-C09
					Sample ID:	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C09	11TAKU-B42-SO1-C09
					Lab Sample ID:	1118627007	27869-7	1118627008	27869-8	1118627009	27869-9
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1155	8/6/2011 1155	8/6/2011 1158	8/6/2011 1158	8/6/2011 1201	8/6/2011 1201
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0026]	-	ND [0.0024]	-	0.002 [0.0051] J
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0026]	-	ND [0.0024]	-	ND [0.0026]
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.69]	-	ND [1.87]	-	ND [2.02]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	ND [6.2]	-	ND [6.4]	-	2.6 [21] J, B
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	ND [32]	-	ND [33]	-	13 [52] J
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	8 [0.19]	-	6.9 [0.18]	-	7.6 [0.21]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.081 [0.19] J	-	0.041 [0.18] J	-	0.063 [0.21] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**11 [0.48]**	-	**7.3 [0.45]**	-	**10 [0.54]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	110 [0.19]	-	86 [0.18]	-	120 [0.21]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.1 [0.19] J	-	0.15 [0.18] J	-	0.2 [0.21] J
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	21 [0.19]	-	16 [0.18]	-	19 [0.21]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.76 [0.68]	-	0.41 [0.63] J	-	0.57 [0.75] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.026 [0.017]	-	0.012 [0.017] J	-	0.02 [0.016]
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.00031]	-	ND [0.0003]	-	ND [0.00031]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.00031]	-	ND [0.0003]	-	ND [0.00031]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.00052]	-	ND [0.0005]	-	ND [0.00052]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.00052]	-	ND [0.0005]	-	ND [0.00052]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.00052]	-	ND [0.0005]	-	ND [0.00052]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.00031]	-	ND [0.0003]	-	ND [0.00031]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.00052]	-	ND [0.0005]	-	ND [0.00052]
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	0.00035 [0.0021] J	-	0.0076 [0.002]	-	0.025 [0.0021]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.00031]	-	ND [0.0003]	-	ND [0.00031]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.00031]	-	ND [0.0003]	-	ND [0.00031]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.00052]	-	ND [0.0005]	-	ND [0.00052]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.00031]	-	ND [0.0003]	-	ND [0.00031]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.00031]	-	ND [0.0003]	-	ND [0.00031]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.00031]	-	ND [0.0003]	-	ND [0.00031]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.00052]	-	ND [0.0005]	-	ND [0.00052]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.00031]	-	0.00071 [0.002] J	-	0.0011 [0.0021] J
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	0.00041 [0.0021] J	-	0.0079 [0.002]	-	0.024 [0.0021]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.00052]	-	ND [0.0005]	-	ND [0.00052]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.00052]	-	ND [0.0005]	-	ND [0.00052]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.052]	-	ND [0.05]	-	ND [0.052]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.00031]	-	ND [0.0003]	-	ND [0.00031]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.005]	-	ND [0.0052]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C07	B42-C07	B42-C08	B42-C08	B42-C09	B42-C09
					Sample ID:	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C09	11TAKU-B42-SO1-C09
					Lab Sample ID:	1118627007	27869-7	1118627008	27869-8	1118627009	27869-9
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1155	8/6/2011 1155	8/6/2011 1158	8/6/2011 1158	8/6/2011 1201	8/6/2011 1201
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.005]	-	ND [0.0052]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0082]	-	ND [0.008]	-	ND [0.0083]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0082]	-	ND [0.008]	-	ND [0.0083]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0031]	-	ND [0.003]	-	ND [0.0031]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.005]	-	ND [0.0052]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0052]	-	ND [0.005]	-	ND [0.0052]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0069]	-	ND [0.0068]	-	ND [0.0072]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.014]	-	ND [0.014]	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0069]	-	ND [0.0068]	-	ND [0.0072]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0034]	-	ND [0.0036]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0175] E*	-	*ND [0.0195] E*	-	*ND [0.021] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0175] E*	-	*ND [0.0195] E*	-	*ND [0.021] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.175]	-	ND [0.195]	-	ND [0.21]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0338]	-	ND [0.0374]	-	ND [0.0406]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0338]	-	ND [0.0374]	-	ND [0.0406]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0088]	-	ND [0.0097]	-	ND [0.0105]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.0698]	-	ND [0.0774]	-	ND [0.0838]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.0698]	-	ND [0.0774]	-	ND [0.0838]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.175]	-	ND [0.195]	-	ND [0.21]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C07	B42-C07	B42-C08	B42-C08	B42-C09	B42-C09
					Sample ID:	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C09	11TAKU-B42-SO1-C09
					Lab Sample ID:	1118627007	27869-7	1118627008	27869-8	1118627009	27869-9
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1155	8/6/2011 1155	8/6/2011 1158	8/6/2011 1158	8/6/2011 1201	8/6/2011 1201
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.175]	-	ND [0.195]	-	ND [0.21]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0088]	-	ND [0.0097]	-	ND [0.0105]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.139]	-	ND [0.155]	-	*ND [0.168] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.139]	-	ND [0.155]	-	ND [0.168]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0175] E*	-	*ND [0.0195] E*	-	*ND [0.021] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.0698] E*	-	*ND [0.0774] E*	-	*ND [0.0838] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.0698]	-	ND [0.0774]	-	ND [0.0838]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0338]	-	ND [0.0374]	-	ND [0.0406]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0338]	-	ND [0.0374]	-	ND [0.0406]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0175]	-	*ND [0.0195] E*	-	*ND [0.021] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.175]	-	ND [0.195]	-	ND [0.21]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0175]	-	*ND [0.0195] E*	-	*ND [0.021] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0088]	-	ND [0.0097]	-	ND [0.0105]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0338] E*	-	*ND [0.0374] E*	-	*ND [0.0406] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0338]	-	ND [0.0374]	-	ND [0.0406]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0338]	-	ND [0.0374]	-	ND [0.0406]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0338]	-	ND [0.0374]	-	ND [0.0406]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0338]	-	ND [0.0374]	-	ND [0.0406]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0338]	-	ND [0.0374]	-	ND [0.0406]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.0698]	-	ND [0.0774]	-	ND [0.0838]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0175] E*	-	*ND [0.0195] E*	-	*ND [0.021] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0175]	-	ND [0.0195]	-	ND [0.021]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.52]	-	ND [0.49]	-	ND [0.51]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-	-	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C07	B42-C07	B42-C08	B42-C08	B42-C09	B42-C09
					Sample ID:	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C09	11TAKU-B42-SO1-C09
					Lab Sample ID:	1118627007	27869-7	1118627008	27869-8	1118627009	27869-9
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1155	8/6/2011 1155	8/6/2011 1158	8/6/2011 1158	8/6/2011 1201	8/6/2011 1201
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.021] E*	-	*ND [0.02] E*	-	*ND [0.02] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.1]	-	ND [0.098]	-	ND [0.1]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.021] E*	-	*ND [0.02] E*	-	*ND [0.02] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	ND [0.52]	-	ND [0.49]	-	ND [0.51]
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.26]	-	ND [0.24]	-	ND [0.26]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.021] E*	-	*ND [0.02] E*	-	*ND [0.02] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.021] E*	-	*ND [0.02] E*	-	*ND [0.02] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1]	-	ND [0.98]	-	ND [1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.1]	-	ND [0.098]	-	ND [0.1]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.1]	-	ND [0.098]	-	ND [0.1]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.052] E*	-	*ND [0.049] E*	-	*ND [0.051] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.01]	-	ND [0.0098]	-	ND [0.01]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C07	B42-C07	B42-C08	B42-C08	B42-C09	B42-C09
					Sample ID:	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C07	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C09	11TAKU-B42-SO1-C09
					Lab Sample ID:	1118627007	27869-7	1118627008	27869-8	1118627009	27869-9
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1155	8/6/2011 1155	8/6/2011 1158	8/6/2011 1158	8/6/2011 1201	8/6/2011 1201
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.042]	-	ND [0.039]	-	ND [0.041]
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.052]	-	ND [0.049]	-	ND [0.051]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.02]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C10	B42-C10	B42-C11	B42-C11	B42-C12	B42-C12
					Sample ID:	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C11	11TAKU-B42-SO1-C11	11TAKU-B42-SO2-C12	11TAKU-B42-SO2-C12
					Lab Sample ID:	1118627010	27869-10	1118627011	27869-11	1118627014	27869-12
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1204	8/6/2011 1204	8/6/2011 1208	8/6/2011 1208	8/6/2011 1215	8/6/2011 1215
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	0.003 [0.0054] J, B	-	ND [0.0029]	-	ND [0.0025]
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	0.0016 [0.0054] J	-	ND [0.0029]	-	ND [0.0025]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	0.0046 [0.0054] J	-	ND [0.0029]	-	ND [0.0025]
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	0.0024 [0.0054] J	-	ND [0.0029]	-	ND [0.0025]
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	0.003 [0.0054] J	-	ND [0.0029]	-	ND [0.0025]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	0.0018 [0.0054] J	-	ND [0.0029]	-	ND [0.0025]
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	0.0016 [0.0054] J	-	ND [0.0029]	-	ND [0.0025]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0027]	-	ND [0.0029]	-	ND [0.0025]
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.99]	-	ND [2.9]	-	ND [2.16]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	4.3 [21] J, B	-	3.1 [23] J,JM-, B	-	2.1 [20] J
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	29 [52] J	-	20 [58] J	-	ND [31]
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	8 [0.21]	-	7.6 [0.22]	-	6.3 [0.19]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.064 [0.21] J	-	0.071 [0.22] J	-	0.05 [0.19] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**9.9 [0.52]**	-	**12 [0.56]**	-	**9.4 [0.47]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	110 [0.21]	-	120 [0.22]	-	110 [0.19]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.2 [0.21] J	-	0.22 [0.22]	-	0.16 [0.19] J
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	19 [0.21]	-	20 [0.22]	-	19 [0.19]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.53 [0.72] J	-	0.6 [0.78] J	-	0.54 [0.66] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.02 [0.017]	-	0.034 [0.019] JD	-	0.011 [0.017] J
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.00032]	-	ND [0.00035]	-	ND [0.0003]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.00032]	-	ND [0.00035]	-	ND [0.0003]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.00054]	-	ND [0.00058]	-	ND [0.00049]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.00054]	-	ND [0.00058]	-	ND [0.00049]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.00054]	-	ND [0.00058]	-	ND [0.00049]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.00032]	-	ND [0.00035]	-	ND [0.0003]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.00054]	-	ND [0.00058]	-	ND [0.00049]
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	0.059 [0.0022]	-	ND [0.00035]	-	ND [0.0003]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.00032]	-	ND [0.00035]	-	ND [0.0003]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.00032]	-	ND [0.00035]	-	ND [0.0003]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.00054]	-	ND [0.00058]	-	ND [0.00049]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.00032]	-	ND [0.00035]	-	ND [0.0003]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.00032]	-	ND [0.00035]	-	ND [0.0003]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.00032]	-	ND [0.00035]	-	ND [0.0003]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.00054]	-	ND [0.00058]	-	ND [0.00049]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	0.0021 [0.0022] J	-	ND [0.00035]	-	ND [0.0003]
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	0.04 [0.0022]	-	ND [0.00035]	-	ND [0.0003]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.00054]	-	ND [0.00058]	-	ND [0.00049]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.00054]	-	ND [0.00058]	-	ND [0.00049]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.054]	-	ND [0.058]	-	ND [0.049]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.00032]	-	ND [0.00035]	-	ND [0.0003]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0054]	-	ND [0.0058]	-	ND [0.0049]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C10	B42-C10	B42-C11	B42-C11	B42-C12	B42-C12
					Sample ID:	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C11	11TAKU-B42-SO1-C11	11TAKU-B42-SO2-C12	11TAKU-B42-SO2-C12
					Lab Sample ID:	1118627010	27869-10	1118627011	27869-11	1118627014	27869-12
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1204	8/6/2011 1204	8/6/2011 1208	8/6/2011 1208	8/6/2011 1215	8/6/2011 1215
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0054]	-	ND [0.0058]	-	ND [0.0049]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0086]	-	ND [0.0093]	-	ND [0.0079]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0086]	-	ND [0.0093]	-	ND [0.0079]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0032]	-	ND [0.0035]	-	ND [0.003]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0054]	-	ND [0.0058]	-	ND [0.0049]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0054]	-	ND [0.0058]	-	ND [0.0049]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0039]	-	ND [0.0035]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0039]	-	ND [0.0035]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.007]	-	ND [0.0078]	-	ND [0.007]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.014]	-	ND [0.016]	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.007]	-	ND [0.0078]	-	ND [0.007]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0035]	-	ND [0.0039]	-	ND [0.0035]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0039]	-	ND [0.0035]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0035]	-	ND [0.0039]	-	ND [0.0035]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0039]	-	ND [0.0035]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0039]	-	ND [0.0035]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0035]	-	ND [0.0039]	-	ND [0.0035]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0035]	-	ND [0.0039]	-	ND [0.0035]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0206] E*	-	*ND [0.0302] E*	-	*ND [0.0224] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0206] E*	-	*ND [0.0302] E*	-	*ND [0.0224] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.206]	-	ND [0.302]	-	ND [0.224]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0398]	-	ND [0.058]	-	ND [0.0432]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0398]	-	ND [0.058]	-	ND [0.0432]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0103]	-	ND [0.0151]	-	ND [0.0112]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.082]	-	ND [0.12]	-	ND [0.0892]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.082]	-	ND [0.12]	-	ND [0.0892]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0206]	-	*ND [0.0302] E*	-	ND [0.0224]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.206]	-	ND [0.302]	-	ND [0.224]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C10	B42-C10	B42-C11	B42-C11	B42-C12	B42-C12
					Sample ID:	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C11	11TAKU-B42-SO1-C11	11TAKU-B42-SO2-C12	11TAKU-B42-SO2-C12
					Lab Sample ID:	1118627010	27869-10	1118627011	27869-11	1118627014	27869-12
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1204	8/6/2011 1204	8/6/2011 1208	8/6/2011 1208	8/6/2011 1215	8/6/2011 1215
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.206]	-	ND [0.302]	-	ND [0.224]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0103]	-	ND [0.0151]	-	ND [0.0112]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.164] E*	-	*ND [0.24] E*	-	*ND [0.178] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.164]	-	ND [0.24]	-	ND [0.178]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0206] E*	-	*ND [0.0302] E*	-	*ND [0.0224] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.082] E*	-	*ND [0.12] E*	-	*ND [0.0892] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.082]	-	ND [0.12]	-	ND [0.0892]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0206]	-	*ND [0.0302] E*	-	ND [0.0224]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0398]	-	ND [0.058]	-	ND [0.0432]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0398]	-	ND [0.058]	-	ND [0.0432]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.0206] E*	-	*ND [0.0302] E*	-	*ND [0.0224] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.206]	-	ND [0.302]	-	ND [0.224]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.0206] E*	-	*ND [0.0302] E*	-	*ND [0.0224] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0103]	-	ND [0.0151]	-	ND [0.0112]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0398] E*	-	*ND [0.058] E*	-	*ND [0.0432] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0398]	-	ND [0.058]	-	ND [0.0432]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0398]	-	ND [0.058]	-	ND [0.0432]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0398]	-	ND [0.058]	-	ND [0.0432]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0398]	-	ND [0.058]	-	ND [0.0432]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0398]	-	ND [0.058]	-	ND [0.0432]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.082]	-	ND [0.12]	-	ND [0.0892]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0206] E*	-	*ND [0.0302] E*	-	*ND [0.0224] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0206]	-	ND [0.0302]	-	ND [0.0224]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.54]	-	ND [0.58]	-	ND [0.5]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-	-	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C10	B42-C10	B42-C11	B42-C11	B42-C12	B42-C12
					Sample ID:	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C11	11TAKU-B42-SO1-C11	11TAKU-B42-SO2-C12	11TAKU-B42-SO2-C12
					Lab Sample ID:	1118627010	27869-10	1118627011	27869-11	1118627014	27869-12
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1204	8/6/2011 1204	8/6/2011 1208	8/6/2011 1208	8/6/2011 1215	8/6/2011 1215
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.022] E*	-	*ND [0.023] E*	-	*ND [0.02] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.11]	-	ND [0.12]	-	ND [0.1]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.022] E*	-	*ND [0.023] E*	-	*ND [0.02] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	ND [0.54]	-	*ND [0.58] E*	-	ND [0.5]
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.27]	-	ND [0.29]	-	ND [0.25]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.022] E*	-	*ND [0.023] E*	-	*ND [0.02] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.022] E*	-	*ND [0.023] E*	-	*ND [0.02] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.1]	-	ND [1.2]	-	ND [1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.11]	-	ND [0.12]	-	ND [0.1]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.11]	-	ND [0.12]	-	ND [0.1]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.054] E*	-	*ND [0.058] E*	-	*ND [0.05] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.011]	-	ND [0.012]	-	ND [0.01]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C10	B42-C10	B42-C11	B42-C11	B42-C12	B42-C12
					Sample ID:	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C11	11TAKU-B42-SO1-C11	11TAKU-B42-SO2-C12	11TAKU-B42-SO2-C12
					Lab Sample ID:	1118627010	27869-10	1118627011	27869-11	1118627014	27869-12
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1204	8/6/2011 1204	8/6/2011 1208	8/6/2011 1208	8/6/2011 1215	8/6/2011 1215
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.043]	-	ND [0.046]	-	ND [0.04]
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.054]	-	ND [0.058]	-	ND [0.05]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.022]	-	ND [0.023]	-	ND [0.02]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C13	B42-C13	B42-C14	B42-C14	B42-C15	B42-C15
					Sample ID:	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C14	11TAKU-B42-SO2-C14	11TAKU-B42-SO5-C15	11TAKU-B42-SO5-C15
					Lab Sample ID:	1118627024	27869-13	1118627015	27869-14	1118627016	27869-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1218	8/6/2011 1218	8/6/2011 1225	8/6/2011 1225	8/6/2011 1229	8/6/2011 1229
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0026]	-	ND [0.0027]	-	ND [0.0026]
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.8]	-	ND [2.4]	-	ND [1.64]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	ND [6.5] JM-	-	3.8 [21] J	-	3.2 [21] J
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	ND [33]	-	23 [53] J	-	ND [33]
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	6.7 [0.21]	-	7.6 [0.19]	-	5.8 [0.19]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.061 [0.21] J	-	0.065 [0.19] J	-	0.048 [0.19] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**10 [0.53]**	-	**9.8 [0.48]**	-	**8.1 [0.46]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	100 [0.21]	-	110 [0.19]	-	85 [0.19]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.18 [0.21] J	-	0.2 [0.19]	-	0.15 [0.19] J
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	18 [0.21]	-	19 [0.19]	-	15 [0.19]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.55 [0.74] J	-	0.54 [0.68] J	-	0.41 [0.65] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.017 [0.018] J	-	0.02 [0.018]	-	0.015 [0.016] J
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.00031]	-	ND [0.00032]	-	ND [0.0003]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.00031]	-	ND [0.00032]	-	ND [0.0003]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.00051]	-	ND [0.00053]	-	ND [0.00051]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.00051]	-	ND [0.00053]	-	ND [0.00051]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.00051]	-	ND [0.00053]	-	ND [0.00051]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.00031]	-	ND [0.00032]	-	ND [0.0003]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.00051]	-	ND [0.00053]	-	ND [0.00051]
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.00031]	-	0.032 [0.0021]	-	ND [0.0003]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.00031]	-	ND [0.00032]	-	ND [0.0003]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.00031]	-	ND [0.00032]	-	ND [0.0003]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.00051]	-	ND [0.00053]	-	ND [0.00051]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.00031]	-	ND [0.00032]	-	ND [0.0003]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.00031]	-	ND [0.00032]	-	ND [0.0003]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.00031]	-	ND [0.00032]	-	ND [0.0003]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.00051]	-	ND [0.00053]	-	ND [0.00051]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.00031]	-	0.0012 [0.0021] J	-	ND [0.0003]
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.00031]	-	0.023 [0.0021]	-	ND [0.0003]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.00051]	-	ND [0.00053]	-	ND [0.00051]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.00051]	-	ND [0.00053]	-	ND [0.00051]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.051]	-	ND [0.053]	-	ND [0.051]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.00031]	-	ND [0.00032]	-	ND [0.0003]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0051]	-	ND [0.0053]	-	ND [0.0051]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C13	B42-C13	B42-C14	B42-C14	B42-C15	B42-C15
					Sample ID:	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C14	11TAKU-B42-SO2-C14	11TAKU-B42-SO5-C15	11TAKU-B42-SO5-C15
					Lab Sample ID:	1118627024	27869-13	1118627015	27869-14	1118627016	27869-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1218	8/6/2011 1218	8/6/2011 1225	8/6/2011 1225	8/6/2011 1229	8/6/2011 1229
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0051]	-	ND [0.0053]	-	ND [0.0051]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0082]	-	ND [0.0084]	-	ND [0.0081]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0082]	-	ND [0.0084]	-	ND [0.0081]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0031]	-	ND [0.0032]	-	ND [0.003]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0051]	-	ND [0.0053]	-	ND [0.0051]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0051]	-	ND [0.0053]	-	ND [0.0051]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0034]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0034]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0071]	-	ND [0.0072]	-	ND [0.0068]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.014]	-	ND [0.015]	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0071]	-	ND [0.0072]	-	ND [0.0068]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0034]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0034]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0034]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0034]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0034]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0034]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0036]	-	ND [0.0034]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0187] E*	-	*ND [0.025] E*	-	*ND [0.017] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0187] E*	-	*ND [0.025] E*	-	*ND [0.017] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.187]	-	ND [0.25]	-	ND [0.17]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.036]	-	ND [0.0482]	-	ND [0.0328]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.036]	-	ND [0.0482]	-	ND [0.0328]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0093]	-	ND [0.0125]	-	ND [0.0085]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.0742]	-	ND [0.0994]	-	ND [0.0676]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.0742]	-	ND [0.0994]	-	ND [0.0676]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0187]	-	*ND [0.025] E*	-	ND [0.017]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.187]	-	ND [0.25]	-	ND [0.17]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C13	B42-C13	B42-C14	B42-C14	B42-C15	B42-C15
					Sample ID:	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C14	11TAKU-B42-SO2-C14	11TAKU-B42-SO5-C15	11TAKU-B42-SO5-C15
					Lab Sample ID:	1118627024	27869-13	1118627015	27869-14	1118627016	27869-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1218	8/6/2011 1218	8/6/2011 1225	8/6/2011 1225	8/6/2011 1229	8/6/2011 1229
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.187]	-	ND [0.25]	-	ND [0.17]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0093]	-	ND [0.0125]	-	ND [0.0085]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.149]	-	*ND [0.199] E*	-	ND [0.135]	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.149]	-	ND [0.199]	-	ND [0.135]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0187] E*	-	*ND [0.025] E*	-	*ND [0.017] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.0742] E*	-	*ND [0.0994] E*	-	*ND [0.0676] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.0742]	-	ND [0.0994]	-	ND [0.0676]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.036]	-	ND [0.0482]	-	ND [0.0328]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.036]	-	ND [0.0482]	-	ND [0.0328]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.0187] E*	-	*ND [0.025] E*	-	ND [0.017]	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.187]	-	ND [0.25]	-	ND [0.17]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.0187] E*	-	*ND [0.025] E*	-	ND [0.017]	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0093]	-	ND [0.0125]	-	ND [0.0085]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.036] E*	-	*ND [0.0482] E*	-	*ND [0.0328] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.036]	-	ND [0.0482]	-	ND [0.0328]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.036]	-	ND [0.0482]	-	ND [0.0328]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.036]	-	ND [0.0482]	-	ND [0.0328]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.036]	-	ND [0.0482]	-	ND [0.0328]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.036]	-	ND [0.0482]	-	ND [0.0328]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.0742]	-	ND [0.0994]	-	ND [0.0676]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0187] E*	-	*ND [0.025] E*	-	*ND [0.017] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0187]	-	ND [0.025]	-	ND [0.017]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.52]	-	ND [0.54]	-	ND [0.53]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-	-	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C13	B42-C13	B42-C14	B42-C14	B42-C15	B42-C15
					Sample ID:	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C14	11TAKU-B42-SO2-C14	11TAKU-B42-SO5-C15	11TAKU-B42-SO5-C15
					Lab Sample ID:	1118627024	27869-13	1118627015	27869-14	1118627016	27869-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1218	8/6/2011 1218	8/6/2011 1225	8/6/2011 1225	8/6/2011 1229	8/6/2011 1229
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.021] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.1]	-	ND [0.11]	-	ND [0.11]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	0.0089 [0.021] J	-	ND [0.011]	-	ND [0.011]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.021] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	ND [0.52]	-	ND [0.54]	-	ND [0.53]
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.26]	-	ND [0.27]	-	ND [0.26]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.021] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.021] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1]	-	ND [1.1]	-	ND [1.1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.1]	-	ND [0.11]	-	ND [0.11]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.1]	-	ND [0.11]	-	ND [0.11]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.052] E*	-	*ND [0.054] E*	-	*ND [0.053] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.01]	-	ND [0.011]	-	ND [0.011]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C13	B42-C13	B42-C14	B42-C14	B42-C15	B42-C15
					Sample ID:	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C14	11TAKU-B42-SO2-C14	11TAKU-B42-SO5-C15	11TAKU-B42-SO5-C15
					Lab Sample ID:	1118627024	27869-13	1118627015	27869-14	1118627016	27869-15
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1218	8/6/2011 1218	8/6/2011 1225	8/6/2011 1225	8/6/2011 1229	8/6/2011 1229
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.042]	-	ND [0.043]	-	ND [0.042]
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.052]	-	ND [0.054]	-	ND [0.053]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.021]	-	ND [0.021]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C16	B42-C16	B42-C17	B42-C17	B42-C18	B42-C18
					Sample ID:	11TAKU-B42-SO5-C16	11TAKU-B42-SO5-C16	11TAKU-B42-SO6-C17	11TAKU-B42-SO6-C17	11TAKU-B42-SO5-C18	11TAKU-B42-SO5-C18
					Lab Sample ID:	1118627017	27869-16	1118627018	27869-17	1118627019	27869-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/2/2011 1229	8/6/2011 1229	8/2/2011 1236	8/6/2011 1236	8/6/2011 1239	8/6/2011 1239
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0027]	-	ND [0.0025]	-	ND [0.0026]
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.52]	-	ND [1.31]	-	ND [2.48]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	4.2 [21] J	-	ND [6]	-	3.4 [22] J
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	ND [34]	-	ND [31]	-	ND [35]
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	5.6 [0.19]	-	3.3 [0.18]	-	5.9 [0.21]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.043 [0.19] J	-	0.026 [0.18] J	-	0.048 [0.21] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**8.2 [0.47]**	-	3.8 [0.46]	-	**8.5 [0.54]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	86 [0.19]	-	63 [0.18]	-	87 [0.21]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.15 [0.19] J	-	0.086 [0.18] J	-	0.15 [0.21] J
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	17 [0.19]	-	11 [0.18]	-	17 [0.21]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.44 [0.66] J	-	0.26 [0.64] J	-	0.4 [0.75] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.011 [0.018] J	-	0.0054 [0.017] J	-	0.012 [0.017] J
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.0005]	-	ND [0.00049]	-	ND [0.00054]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.0005]	-	ND [0.00049]	-	ND [0.00054]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.0005]	-	ND [0.00049]	-	ND [0.00054]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.0005]	-	ND [0.00049]	-	0.00087 [0.0021] J
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	0.00088 [0.002] J	-	ND [0.00029]	-	0.0027 [0.0021]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.0005]	-	ND [0.00049]	-	ND [0.00054]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.0005]	-	ND [0.00049]	-	ND [0.00054]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	0.00077 [0.002] J	-	ND [0.00029]	-	0.002 [0.0021] J
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.0005]	-	ND [0.00049]	-	ND [0.00054]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.0005]	-	ND [0.00049]	-	ND [0.00054]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.05]	-	ND [0.049]	-	ND [0.054]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.0003]	-	ND [0.00029]	-	ND [0.00032]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.005]	-	ND [0.0049]	-	ND [0.0054]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C16	B42-C16	B42-C17	B42-C17	B42-C18	B42-C18
					Sample ID:	11TAKU-B42-SO5-C16	11TAKU-B42-SO5-C16	11TAKU-B42-SO6-C17	11TAKU-B42-SO6-C17	11TAKU-B42-SO5-C18	11TAKU-B42-SO5-C18
					Lab Sample ID:	1118627017	27869-16	1118627018	27869-17	1118627019	27869-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/2/2011 1229	8/6/2011 1229	8/2/2011 1236	8/6/2011 1236	8/6/2011 1239	8/6/2011 1239
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.005]	-	ND [0.0049]	-	ND [0.0054]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.008]	-	ND [0.0078]	-	ND [0.0086]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.008]	-	ND [0.0078]	-	ND [0.0086]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.003]	-	ND [0.0029]	-	ND [0.0032]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.005]	-	ND [0.0049]	-	ND [0.0054]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.005]	-	ND [0.0049]	-	ND [0.0054]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0071]	-	ND [0.0068]	-	ND [0.0073]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.014]	-	ND [0.014]	-	ND [0.015]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0071]	-	ND [0.0068]	-	ND [0.0073]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0036]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0036]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0036]	-	ND [0.0034]	-	ND [0.0036]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0036]	-	ND [0.0034]	-	ND [0.0036]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0158] E*	-	*ND [0.0136] E*	-	*ND [0.0258] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	ND [0.0158]	-	ND [0.0136]	-	*ND [0.0258] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.158]	-	ND [0.136]	-	ND [0.258]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0304]	-	ND [0.0262]	-	ND [0.0496]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0304]	-	ND [0.0262]	-	ND [0.0496]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0079]	-	ND [0.0068]	-	ND [0.0129]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.063]	-	ND [0.054]	-	ND [0.102]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.063]	-	ND [0.054]	-	ND [0.102]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0158]	-	ND [0.0136]	-	*ND [0.0258] E*	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.158]	-	ND [0.136]	-	ND [0.258]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C16	B42-C16	B42-C17	B42-C17	B42-C18	B42-C18
					Sample ID:	11TAKU-B42-SO5-C16	11TAKU-B42-SO5-C16	11TAKU-B42-SO6-C17	11TAKU-B42-SO6-C17	11TAKU-B42-SO5-C18	11TAKU-B42-SO5-C18
					Lab Sample ID:	1118627017	27869-16	1118627018	27869-17	1118627019	27869-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/2/2011 1229	8/6/2011 1229	8/2/2011 1236	8/6/2011 1236	8/6/2011 1239	8/6/2011 1239
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.158]	-	ND [0.136]	-	ND [0.258]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0079]	-	ND [0.0068]	-	ND [0.0129]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.126]	-	ND [0.108]	-	*ND [0.204] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.126]	-	ND [0.108]	-	ND [0.204]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0158] E*	-	*ND [0.0136] E*	-	*ND [0.0258] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.063] E*	-	*ND [0.054] E*	-	*ND [0.102] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.063]	-	ND [0.054]	-	ND [0.102]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0304]	-	ND [0.0262]	-	ND [0.0496]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0304]	-	ND [0.0262]	-	ND [0.0496]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0158]	-	ND [0.0136]	-	*ND [0.0258] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.158]	-	ND [0.136]	-	ND [0.258]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0158]	-	ND [0.0136]	-	*ND [0.0258] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0079]	-	ND [0.0068]	-	ND [0.0129]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0304] E*	-	*ND [0.0262] E*	-	*ND [0.0496] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0304]	-	ND [0.0262]	-	ND [0.0496]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0304]	-	ND [0.0262]	-	ND [0.0496]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0304]	-	ND [0.0262]	-	ND [0.0496]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0304]	-	ND [0.0262]	-	ND [0.0496]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0304]	-	ND [0.0262]	-	ND [0.0496]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.063]	-	ND [0.054]	-	ND [0.102]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0158] E*	-	*ND [0.0136] E*	-	*ND [0.0258] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0158]	-	ND [0.0136]	-	ND [0.0258]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.53]	-	ND [0.49]	-	ND [0.53]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-	-	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C16	B42-C16	B42-C17	B42-C17	B42-C18	B42-C18
					Sample ID:	11TAKU-B42-SO5-C16	11TAKU-B42-SO5-C16	11TAKU-B42-SO6-C17	11TAKU-B42-SO6-C17	11TAKU-B42-SO5-C18	11TAKU-B42-SO5-C18
					Lab Sample ID:	1118627017	27869-16	1118627018	27869-17	1118627019	27869-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/2/2011 1229	8/6/2011 1229	8/2/2011 1236	8/6/2011 1236	8/6/2011 1239	8/6/2011 1239
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.021] E*	-	*ND [0.02] E*	-	*ND [0.021] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.11]	-	ND [0.098]	-	ND [0.11]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.021] E*	-	*ND [0.02] E*	-	*ND [0.021] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	ND [0.53]	-	ND [0.49]	-	ND [0.53]
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.27]	-	ND [0.25]	-	ND [0.26]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.021] E*	-	*ND [0.02] E*	-	*ND [0.021] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.021] E*	-	*ND [0.02] E*	-	*ND [0.021] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.1]	-	ND [0.98]	-	ND [1.1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.11]	-	ND [0.098]	-	ND [0.11]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.11]	-	ND [0.098]	-	ND [0.11]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.053] E*	-	*ND [0.049] E*	-	*ND [0.053] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.011]	-	ND [0.0098]	-	ND [0.011]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C16	B42-C16	B42-C17	B42-C17	B42-C18	B42-C18
					Sample ID:	11TAKU-B42-SO5-C16	11TAKU-B42-SO5-C16	11TAKU-B42-SO6-C17	11TAKU-B42-SO6-C17	11TAKU-B42-SO5-C18	11TAKU-B42-SO5-C18
					Lab Sample ID:	1118627017	27869-16	1118627018	27869-17	1118627019	27869-18
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/2/2011 1229	8/6/2011 1229	8/2/2011 1236	8/6/2011 1236	8/6/2011 1239	8/6/2011 1239
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.043]	-	ND [0.039]	-	ND [0.042]
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.053]	-	ND [0.049]	-	ND [0.053]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.021]	-	ND [0.02]	-	ND [0.021]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C19	B42-C19	B42-C20	B42-C20	B42-C21	B42-C21
					Sample ID:	11TAKU-B42-SO3-C19	11TAKU-B42-SO3-C19	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C21	11TAKU-B42-SO1-C21
					Lab Sample ID:	1118627020	27869-19	1118627021	27869-20	1118627022	27869-21
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1243	8/6/2011 1243	8/6/2011 1245	8/6/2011 1245	8/6/2011 1249	8/6/2011 1249
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0028]	-	ND [0.0027]	-	ND [0.0026]
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [2.76]	-	ND [1.9]	-	ND [1.54]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	ND [6.7]	-	2.9 [20] J	-	ND [6.6]
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	ND [34]	-	12 [51] J	-	ND [34]
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	7.6 [0.21]	-	6.6 [0.2]	-	6.6 [0.21]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.069 [0.21] J	-	0.05 [0.2] J	-	0.057 [0.21] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**12 [0.53]**	-	**8.6 [0.51]**	-	**10 [0.53]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	120 [0.21]	-	94 [0.2]	-	100 [0.21]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.2 [0.21] J	-	0.17 [0.2] J	-	0.17 [0.21] J
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	21 [0.21]	-	17 [0.2]	-	19 [0.21]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.64 [0.74] J	-	0.48 [0.71] J	-	0.57 [0.74] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.015 [0.019] J	-	0.015 [0.016] J	-	0.016 [0.017] J
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.00033]	-	ND [0.0003]	-	ND [0.00031]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.00033]	-	ND [0.0003]	-	ND [0.00031]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.00055]	-	ND [0.0005]	-	ND [0.00052]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.00055]	-	ND [0.0005]	-	ND [0.00052]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.00055]	-	ND [0.0005]	-	ND [0.00052]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.00033]	-	ND [0.0003]	-	ND [0.00031]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.00055]	-	ND [0.0005]	-	ND [0.00052]
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.00033]	-	0.0099 [0.002]	-	ND [0.00031]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.00033]	-	ND [0.0003]	-	ND [0.00031]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.00033]	-	ND [0.0003]	-	ND [0.00031]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.00055]	-	ND [0.0005]	-	ND [0.00052]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.00033]	-	ND [0.0003]	-	ND [0.00031]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.00033]	-	ND [0.0003]	-	ND [0.00031]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.00033]	-	ND [0.0003]	-	ND [0.00031]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.00055]	-	ND [0.0005]	-	ND [0.00052]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.00033]	-	0.00035 [0.002] J	-	ND [0.00031]
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.00033]	-	0.0079 [0.002]	-	ND [0.00031]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.00055]	-	ND [0.0005]	-	ND [0.00052]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.00055]	-	ND [0.0005]	-	ND [0.00052]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.055]	-	ND [0.05]	-	ND [0.052]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.00033]	-	ND [0.0003]	-	ND [0.00031]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0055]	-	ND [0.005]	-	ND [0.0052]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C19	B42-C19	B42-C20	B42-C20	B42-C21	B42-C21
					Sample ID:	11TAKU-B42-SO3-C19	11TAKU-B42-SO3-C19	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C21	11TAKU-B42-SO1-C21
					Lab Sample ID:	1118627020	27869-19	1118627021	27869-20	1118627022	27869-21
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1243	8/6/2011 1243	8/6/2011 1245	8/6/2011 1245	8/6/2011 1249	8/6/2011 1249
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0055]	-	ND [0.005]	-	ND [0.0052]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0088]	-	ND [0.008]	-	ND [0.0083]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0088]	-	ND [0.008]	-	ND [0.0083]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0033]	-	ND [0.003]	-	ND [0.0031]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0055]	-	ND [0.005]	-	ND [0.0052]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0055]	-	ND [0.005]	-	ND [0.0052]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0035]	-	ND [0.0036]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0035]	-	ND [0.0036]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0076]	-	ND [0.007]	-	ND [0.0072]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.015]	-	ND [0.014]	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0076]	-	ND [0.007]	-	ND [0.0072]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0038]	-	ND [0.0035]	-	ND [0.0036]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0035]	-	ND [0.0036]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0038]	-	ND [0.0035]	-	ND [0.0036]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0035]	-	ND [0.0036]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0035]	-	ND [0.0036]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0038]	-	ND [0.0035]	-	ND [0.0036]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0035]	-	ND [0.0036]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0288] E*	-	*ND [0.0197] E*	-	*ND [0.016] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0288] E*	-	*ND [0.0197] E*	-	ND [0.016]	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.288]	-	ND [0.197]	-	ND [0.16]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0554]	-	ND [0.038]	-	ND [0.0308]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0554]	-	ND [0.038]	-	ND [0.0308]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0144]	-	ND [0.0099]	-	ND [0.008]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.114]	-	ND [0.0784]	-	ND [0.0636]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.114]	-	ND [0.0784]	-	ND [0.0636]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	*ND [0.0288] E*	-	ND [0.0197]	-	ND [0.016]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.288]	-	ND [0.197]	-	ND [0.16]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C19	B42-C19	B42-C20	B42-C20	B42-C21	B42-C21
					Sample ID:	11TAKU-B42-SO3-C19	11TAKU-B42-SO3-C19	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C21	11TAKU-B42-SO1-C21
					Lab Sample ID:	1118627020	27869-19	1118627021	27869-20	1118627022	27869-21
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1243	8/6/2011 1243	8/6/2011 1245	8/6/2011 1245	8/6/2011 1249	8/6/2011 1249
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.288]	-	ND [0.197]	-	ND [0.16]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0144]	-	ND [0.0099]	-	ND [0.008]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.228] E*	-	ND [0.157]	-	ND [0.127]	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.228]	-	ND [0.157]	-	ND [0.127]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0288] E*	-	*ND [0.0197] E*	-	*ND [0.016] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.114] E*	-	*ND [0.0784] E*	-	*ND [0.0636] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.114]	-	ND [0.0784]	-	ND [0.0636]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0554]	-	ND [0.038]	-	ND [0.0308]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0554]	-	ND [0.038]	-	ND [0.0308]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.0288] E*	-	*ND [0.0197] E*	-	ND [0.016]	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.288]	-	ND [0.197]	-	ND [0.16]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.0288] E*	-	*ND [0.0197] E*	-	ND [0.016]	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0144]	-	ND [0.0099]	-	ND [0.008]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0554] E*	-	*ND [0.038] E*	-	*ND [0.0308] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0554]	-	ND [0.038]	-	ND [0.0308]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0554]	-	ND [0.038]	-	ND [0.0308]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0554]	-	ND [0.038]	-	ND [0.0308]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0554]	-	ND [0.038]	-	ND [0.0308]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0554]	-	ND [0.038]	-	ND [0.0308]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.114]	-	ND [0.0784]	-	ND [0.0636]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0288] E*	-	*ND [0.0197] E*	-	*ND [0.016] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0288]	-	ND [0.0197]	-	ND [0.016]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.56]	-	ND [0.53]	-	ND [0.51]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-	-	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C19	B42-C19	B42-C20	B42-C20	B42-C21	B42-C21
					Sample ID:	11TAKU-B42-SO3-C19	11TAKU-B42-SO3-C19	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C21	11TAKU-B42-SO1-C21
					Lab Sample ID:	1118627020	27869-19	1118627021	27869-20	1118627022	27869-21
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1243	8/6/2011 1243	8/6/2011 1245	8/6/2011 1245	8/6/2011 1249	8/6/2011 1249
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.023] E*	-	*ND [0.021] E*	-	*ND [0.02] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.11]	-	ND [0.11]	-	ND [0.1]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.023] E*	-	*ND [0.021] E*	-	*ND [0.02] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [0.56] E*	-	ND [0.53]	-	ND [0.51]
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.28]	-	ND [0.27]	-	ND [0.26]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.023] E*	-	*ND [0.021] E*	-	*ND [0.02] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.023] E*	-	*ND [0.021] E*	-	*ND [0.02] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.1]	-	ND [1.1]	-	ND [1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.11]	-	ND [0.11]	-	ND [0.1]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.11]	-	ND [0.11]	-	ND [0.1]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.056] E*	-	*ND [0.053] E*	-	*ND [0.051] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.011]	-	ND [0.011]	-	ND [0.01]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C19	B42-C19	B42-C20	B42-C20	B42-C21	B42-C21
					Sample ID:	11TAKU-B42-SO3-C19	11TAKU-B42-SO3-C19	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C21	11TAKU-B42-SO1-C21
					Lab Sample ID:	1118627020	27869-19	1118627021	27869-20	1118627022	27869-21
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1243	8/6/2011 1243	8/6/2011 1245	8/6/2011 1245	8/6/2011 1249	8/6/2011 1249
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.045]	-	ND [0.043]	-	ND [0.041]
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.056]	-	ND [0.053]	-	ND [0.051]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.02]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C22	B42-C22	B42-C23	B42-C23	B42-C24	B42-C24
					Sample ID:	11TAKU-B42-SO1-C22	11TAKU-B42-SO1-C22	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C24	11TAKU-B42-SO2-C24
					Lab Sample ID:	1118627027	27869-22	1118627028	27869-23	1118627029	27869-24
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1208	8/6/2011 1208	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0028]	-	ND [0.0026]	-	ND [0.0026]
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [2.32]	-	ND [2.58]	-	ND [3.24]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	3.2 [23] J	-	2.3 [21] J	-	ND [6.4]
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	17 [58] J	-	ND [33]	-	ND [33]
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	7.2 [0.22]	-	6.3 [0.21]	-	6.2 [0.21]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.059 [0.22] J	-	0.054 [0.21] J	-	0.048 [0.21] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**11 [0.54]**	-	**8.5 [0.53]**	-	**8.5 [0.51]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	120 [0.22]	-	100 [0.21]	-	93 [0.21]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.19 [0.22] J	-	0.18 [0.21] J	-	0.17 [0.21] J
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	21 [0.22]	-	18 [0.21]	-	17 [0.21]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.71 [0.76] J	-	0.51 [0.74] J	-	0.48 [0.72] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.018 [0.019] J,JD	-	0.018 [0.016]	-	0.012 [0.017] J
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.00055]	-	ND [0.00052]	-	ND [0.00051]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.00055]	-	ND [0.00052]	-	ND [0.00051]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.00055]	-	ND [0.00052]	-	ND [0.00051]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.00055]	-	ND [0.00052]	-	ND [0.00051]
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.00055]	-	ND [0.00052]	-	ND [0.00051]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.00055]	-	ND [0.00052]	-	ND [0.00051]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.00055]	-	ND [0.00052]	-	ND [0.00051]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.00055]	-	ND [0.00052]	-	ND [0.00051]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.055]	-	ND [0.052]	-	ND [0.051]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.00033]	-	ND [0.00031]	-	ND [0.00031]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0055]	-	ND [0.0052]	-	ND [0.0051]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C22	B42-C22	B42-C23	B42-C23	B42-C24	B42-C24
					Sample ID:	11TAKU-B42-SO1-C22	11TAKU-B42-SO1-C22	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C24	11TAKU-B42-SO2-C24
					Lab Sample ID:	1118627027	27869-22	1118627028	27869-23	1118627029	27869-24
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1208	8/6/2011 1208	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0055]	-	ND [0.0052]	-	ND [0.0051]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0088]	-	ND [0.0083]	-	ND [0.0082]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0088]	-	ND [0.0083]	-	ND [0.0082]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0033]	-	ND [0.0031]	-	ND [0.0031]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0055]	-	ND [0.0052]	-	ND [0.0051]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0055]	-	ND [0.0052]	-	ND [0.0051]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0036]	-	ND [0.0035]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0036]	-	ND [0.0035]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0076]	-	ND [0.0071]	-	ND [0.007]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.015]	-	ND [0.014]	-	ND [0.014]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0076]	-	ND [0.0071]	-	ND [0.007]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0038]	-	ND [0.0036]	-	ND [0.0035]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0036]	-	ND [0.0035]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0038]	-	ND [0.0036]	-	ND [0.0035]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0036]	-	ND [0.0035]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0036]	-	ND [0.0035]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0038]	-	ND [0.0036]	-	ND [0.0035]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0038]	-	ND [0.0036]	-	ND [0.0035]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.024] E*	-	*ND [0.0268] E*	-	*ND [0.0338] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.024] E*	-	*ND [0.0268] E*	-	*ND [0.0338] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.24]	-	ND [0.268]	-	ND [0.338]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0462]	-	ND [0.0516]	-	ND [0.0648]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0462]	-	ND [0.0516]	-	ND [0.0648]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.024]	-	ND [0.0268]	-	*ND [0.0338] E*	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.012]	-	ND [0.0134]	-	ND [0.0169]	-
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.0956]	-	ND [0.107]	-	ND [0.134]	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.0956]	-	ND [0.107]	-	ND [0.134]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	*ND [0.024] E*	-	*ND [0.0268] E*	-	*ND [0.0338] E*	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.24]	-	ND [0.268]	-	ND [0.338]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C22	B42-C22	B42-C23	B42-C23	B42-C24	B42-C24
					Sample ID:	11TAKU-B42-SO1-C22	11TAKU-B42-SO1-C22	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C24	11TAKU-B42-SO2-C24
					Lab Sample ID:	1118627027	27869-22	1118627028	27869-23	1118627029	27869-24
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1208	8/6/2011 1208	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.24]	-	ND [0.268]	-	ND [0.338]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.012]	-	ND [0.0134]	-	ND [0.0169]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.191] E*	-	*ND [0.214] E*	-	*ND [0.268] E*	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.191]	-	ND [0.214]	-	ND [0.268]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.024] E*	-	*ND [0.0268] E*	-	*ND [0.0338] E*	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.0956] E*	-	*ND [0.107] E*	-	*ND [0.134] E*	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.0956]	-	ND [0.107]	-	ND [0.134]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.024]	-	ND [0.0268]	-	*ND [0.0338] E*	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0462]	-	ND [0.0516]	-	ND [0.0648]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0462]	-	ND [0.0516]	-	ND [0.0648]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	-	-	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.024] E*	-	*ND [0.0268] E*	-	*ND [0.0338] E*	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.24]	-	ND [0.268]	-	ND [0.338]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.024] E*	-	*ND [0.0268] E*	-	*ND [0.0338] E*	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.012]	-	ND [0.0134]	-	ND [0.0169]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0462] E*	-	*ND [0.0516] E*	-	*ND [0.0648] E*	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0462]	-	ND [0.0516]	-	ND [0.0648]	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0462]	-	ND [0.0516]	-	ND [0.0648]	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0462]	-	ND [0.0516]	-	ND [0.0648]	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0462]	-	ND [0.0516]	-	ND [0.0648]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0462]	-	ND [0.0516]	-	ND [0.0648]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.0956]	-	ND [0.107]	-	ND [0.134]	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.024] E*	-	*ND [0.0268] E*	-	*ND [0.0338] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.024]	-	ND [0.0268]	-	ND [0.0338]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.57]	-	ND [0.52]	-	ND [0.51]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-	-	-	-

Table B-1-2e
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					Location ID:	B42-C22	B42-C22	B42-C23	B42-C23	B42-C24	B42-C24
					Sample ID:	11TAKU-B42-SO1-C22	11TAKU-B42-SO1-C22	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C24	11TAKU-B42-SO2-C24
					Lab Sample ID:	1118627027	27869-22	1118627028	27869-23	1118627029	27869-24
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1208	8/6/2011 1208	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.023] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.11]	-	ND [0.1]	-	ND [0.1]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.023] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [0.57] E*	-	ND [0.52]	-	ND [0.51]
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.28]	-	ND [0.26]	-	ND [0.26]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.023] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.023] E*	-	*ND [0.021] E*	-	*ND [0.021] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.1]	-	ND [1]	-	ND [1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.11]	-	ND [0.1]	-	ND [0.1]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.11]	-	ND [0.1]	-	ND [0.1]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.057] E*	-	*ND [0.052] E*	-	*ND [0.051] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.011]	-	ND [0.01]	-	ND [0.01]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C22	B42-C22	B42-C23	B42-C23	B42-C24	B42-C24
					Sample ID:	11TAKU-B42-SO1-C22	11TAKU-B42-SO1-C22	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C24	11TAKU-B42-SO2-C24
					Lab Sample ID:	1118627027	27869-22	1118627028	27869-23	1118627029	27869-24
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1208	8/6/2011 1208	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254	8/6/2011 1254
					Lab ID:	SGSA	TATW	SGSA	TATW	SGSA	TATW
					QA/QC:	Duplicate	Duplicate	Primary	Primary	Duplicate	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.045]	-	ND [0.042]	-	ND [0.041]
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.057]	-	ND [0.052]	-	ND [0.051]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.023]	-	ND [0.021]	-	ND [0.021]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C25	B42-C25	B42-WX02	B42-WX03	TB01	TB02
					Sample ID:	11TAKU-B42-SO2-C25	11TAKU-B42-SO2-C25	11FWA-TAKU-WX02	11FWA-TAKU-WX03	11TAKU-B42-TB01	11TAKU-B42-TB02
					Lab Sample ID:	1118627030	27869-25	27675-1	27675-2	1118627023	1118627031
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1303	8/6/2011 1303	7/28/2011 1555	7/28/2011 1557	8/6/2011 0800	8/6/2011 0815
					Lab ID:	SGSA	TATW	TATW	TATW	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0026]	0.0066 [0.0052]	ND [0.0025]	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0026]	0.0023 [0.0052] J	ND [0.0025]	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0026]	0.011 [0.0052]	ND [0.0025]	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0026]	0.0049 [0.0052] J	ND [0.0025]	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0026]	ND [0.0026]	ND [0.0025]	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.96]	-	10 [2.8]	ND [0.8]	ND [1.55]	ND [1.54]
AK102	-	Diesel Range Organics	mg/kg	250	-	-	4.5 [21] J	-	-	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	11 [52] J	-	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	7.7 [0.2]	-	-	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.056 [0.2] J	-	-	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**8.6 [0.5]**	-	-	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	90 [0.2]	-	-	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.16 [0.2] J	-	-	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	17 [0.2]	-	-	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.46 [0.7] J	-	-	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.014 [0.018] J	-	-	-	-
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.00031]	ND [0.00032] JS-	ND [0.0003]	-	-
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.00031]	ND [0.00032] JS-	ND [0.0003]	-	-
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.00052]	ND [0.00053] JS-	ND [0.0005]	-	-
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.00052]	ND [0.00053] JS-	ND [0.0005]	-	-
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.00052]	ND [0.00053] JS-	ND [0.0005]	-	-
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.00031]	ND [0.00032] JS-	ND [0.0003]	-	-
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.00052]	ND [0.00053] JS-	ND [0.0005]	-	-
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	0.014 [0.0021]	0.012 [0.0021] JS-	0.0062 [0.002]	-	-
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.00031]	ND [0.00032] JS-	ND [0.0003]	-	-
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.00031]	ND [0.00032] JS-	ND [0.0003]	-	-
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.00052]	ND [0.00053] JS-	ND [0.0005]	-	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.00031]	ND [0.00032] JS-	ND [0.0003]	-	-
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.00031]	ND [0.00032] JS-	ND [0.0003]	-	-
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.00031]	ND [0.00032] JS-	ND [0.0003]	-	-
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.00052]	ND [0.00053] JS-	ND [0.0005]	-	-
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	0.00057 [0.0021] J	0.00058 [0.0021] J,JS-	0.00036 [0.002] J	-	-
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	0.015 [0.0021]	0.0093 [0.0021] JS-	0.0038 [0.002]	-	-
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.00052]	ND [0.00053] JS-	ND [0.0005]	-	-
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.00052]	ND [0.00053] JM-,JS-	ND [0.0005]	-	-
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.052]	ND [0.053] JS-	ND [0.05]	-	-
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.00031]	ND [0.00032] JS-	ND [0.0003]	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0052]	ND [0.0053]	ND [0.005]	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C25	B42-C25	B42-WX02	B42-WX03	TB01	TB02
					Sample ID:	11TAKU-B42-SO2-C25	11TAKU-B42-SO2-C25	11FWA-TAKU-WX02	11FWA-TAKU-WX03	11TAKU-B42-TB01	11TAKU-B42-TB02
					Lab Sample ID:	1118627030	27869-25	27675-1	27675-2	1118627023	1118627031
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1303	8/6/2011 1303	7/28/2011 1555	7/28/2011 1557	8/6/2011 0800	8/6/2011 0815
					Lab ID:	SGSA	TATW	TATW	TATW	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0052]	ND [0.0053]	ND [0.005]	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0083]	ND [0.0085]	ND [0.008]	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0083]	ND [0.0085]	ND [0.008]	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.0031]	ND [0.0032]	ND [0.003]	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0052]	ND [0.0053]	ND [0.005]	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0052]	ND [0.0053]	ND [0.005]	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.0036]	ND [0.0036]	ND [0.0034]	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.0036]	ND [0.0036]	ND [0.0034]	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.0071]	ND [0.0072]	ND [0.0069]	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.014]	ND [0.014]	ND [0.014]	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.0071]	ND [0.0072]	ND [0.0069]	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.0036]	ND [0.0036]	ND [0.0034]	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.0036]	ND [0.0036]	ND [0.0034]	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.0036]	ND [0.0036]	ND [0.0034]	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.0036]	ND [0.0036]	ND [0.0034]	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.0036]	ND [0.0036]	ND [0.0034]	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.0036]	ND [0.0036]	ND [0.0034]	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.0036]	0.0058 [0.0072] J	ND [0.0034]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.0204]	-	0.0073 [0.028] J	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0204]	-	ND [0.0069]	ND [0.0073]	ND [0.0161]	ND [0.016]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0204]	-	ND [0.0069]	ND [0.0073]	ND [0.0161]	ND [0.016]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.0204]	-	0.0087 [0.028] J	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.0204]	-	ND [0.021]	0.0083 [0.029] J	ND [0.0161]	ND [0.016]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.0204] E*	-	*ND [0.021] E*	*ND [0.022] E*	*ND [0.0161] E*	*ND [0.016] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.0204] E*	-	*ND [0.021] E*	*ND [0.022] E*	*ND [0.0161] E*	ND [0.016]
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.204]	-	ND [0.1]	ND [0.11]	ND [0.161]	ND [0.16]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.0392]	-	0.015 [0.028] J, B	0.012 [0.029] J, B	ND [0.031]	ND [0.0308]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.0204]	-	0.015 [0.028] J	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.0392]	-	0.011 [0.028] J	0.0078 [0.029] J	ND [0.031]	ND [0.0308]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.0102]	-	0.0061 [0.014] J, B	0.0054 [0.015] J, B	ND [0.008]	ND [0.008]
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	ND [0.081]	-	-	-	ND [0.064]	ND [0.0638]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.0204]	-	ND [0.021]	0.0083 [0.029] J, B	ND [0.0161]	ND [0.016]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.081]	-	ND [0.021]	ND [0.022]	ND [0.064]	ND [0.0638]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.0204]	-	0.0064 [0.014] J	0.0053 [0.015] J	ND [0.0161]	ND [0.016]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.204]	-	ND [0.1]	ND [0.11]	ND [0.161]	ND [0.16]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C25	B42-C25	B42-WX02	B42-WX03	TB01	TB02
					Sample ID:	11TAKU-B42-SO2-C25	11TAKU-B42-SO2-C25	11FWA-TAKU-WX02	11FWA-TAKU-WX03	11TAKU-B42-TB01	11TAKU-B42-TB02
					Lab Sample ID:	1118627030	27869-25	27675-1	27675-2	1118627023	1118627031
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1303	8/6/2011 1303	7/28/2011 1555	7/28/2011 1557	8/6/2011 0800	8/6/2011 0815
					Lab ID:	SGSA	TATW	TATW	TATW	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.204]	-	0.079 [0.28] J	ND [0.22]	ND [0.161]	ND [0.16]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0102]	-	0.0058 [0.011] J, B	0.005 [0.012] J, B	ND [0.008]	ND [0.008]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	*ND [0.162] E*	-	ND [0.069]	ND [0.073]	ND [0.128]	ND [0.128]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	ND [0.0204]	-	ND [0.21]	*ND [0.22] E*	ND [0.0161]	ND [0.016]
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.162]	-	ND [0.21]	ND [0.22]	ND [0.128]	ND [0.128]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	*ND [0.0204] E*	-	ND [0.0035]	ND [0.0037]	*ND [0.0161] E*	*ND [0.016] E*
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.081] E*	-	*ND [0.021] E*	*ND [0.022] E*	*ND [0.064] E*	*ND [0.0638] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.081]	-	ND [0.021]	ND [0.022]	ND [0.064]	ND [0.0638]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.0204]	-	ND [0.01]	ND [0.011]	ND [0.0161]	ND [0.016]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.0392]	-	ND [0.021]	ND [0.022]	ND [0.031]	ND [0.0308]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.0392]	-	ND [0.021]	ND [0.022]	ND [0.031]	ND [0.0308]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	-	ND [0.021]	ND [0.022]	-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	*ND [0.0204] E*	-	ND [0.0069]	ND [0.0073]	ND [0.0161]	ND [0.016]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.204]	-	ND [0.21]	ND [0.22]	ND [0.161]	ND [0.16]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	*ND [0.0204] E*	-	ND [0.0061]	ND [0.0064]	ND [0.0161]	ND [0.016]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0102]	-	ND [0.0069]	ND [0.0073]	ND [0.008]	ND [0.008]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	*ND [0.0392] E*	-	ND [0.0061]	ND [0.0064]	*ND [0.031] E*	*ND [0.0308] E*
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.0392]	-	ND [0.021]	ND [0.022]	ND [0.031]	ND [0.0308]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.0392]	-	ND [0.021]	ND [0.022]	ND [0.031]	ND [0.0308]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0392]	-	ND [0.021]	ND [0.022]	ND [0.031]	ND [0.0308]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.0392]	-	0.0072 [0.028] J	ND [0.022]	ND [0.031]	ND [0.0308]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.0392]	-	0.0075 [0.028] J	ND [0.022]	ND [0.031]	ND [0.0308]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.081]	-	ND [0.1]	ND [0.11]	ND [0.064]	ND [0.0638]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.0204] E*	-	*ND [0.021] E*	*ND [0.022] E*	*ND [0.0161] E*	*ND [0.016] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.0204]	-	0.0087 [0.028] J	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.0204]	-	ND [0.021]	ND [0.022]	ND [0.0161]	ND [0.016]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.52]	ND [0.52]	ND [0.51]	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	ND [0.01]	ND [0.01]	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	ND [0.52]	ND [0.51]	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C25	B42-C25	B42-WX02	B42-WX03	TB01	TB02
					Sample ID:	11TAKU-B42-SO2-C25	11TAKU-B42-SO2-C25	11FWA-TAKU-WX02	11FWA-TAKU-WX03	11TAKU-B42-TB01	11TAKU-B42-TB02
					Lab Sample ID:	1118627030	27869-25	27675-1	27675-2	1118627023	1118627031
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1303	8/6/2011 1303	7/28/2011 1555	7/28/2011 1557	8/6/2011 0800	8/6/2011 0815
					Lab ID:	SGSA	TATW	TATW	TATW	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.021] E*	*ND [0.021] E*	*ND [0.02] E*	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.1]	ND [0.1]	ND [0.1]	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.021] E*	*ND [0.021] E*	*ND [0.02] E*	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	ND [0.52]	ND [0.52]	ND [0.51]	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.26]	ND [0.26]	ND [0.25]	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.021] E*	*ND [0.021] E*	*ND [0.02] E*	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.021] E*	*ND [0.021] E*	*ND [0.02] E*	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	*ND [0.52] E*	*ND [0.51] E*	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1]	ND [1]	ND [1]	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.1]	ND [0.1]	ND [0.1]	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.1]	ND [0.1]	ND [0.1]	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.052] E*	*ND [0.052] E*	*ND [0.051] E*	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	B42-C25	B42-C25	B42-WX02	B42-WX03	TB01	TB02
					Sample ID:	11TAKU-B42-SO2-C25	11TAKU-B42-SO2-C25	11FWA-TAKU-WX02	11FWA-TAKU-WX03	11TAKU-B42-TB01	11TAKU-B42-TB02
					Lab Sample ID:	1118627030	27869-25	27675-1	27675-2	1118627023	1118627031
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1303	8/6/2011 1303	7/28/2011 1555	7/28/2011 1557	8/6/2011 0800	8/6/2011 0815
					Lab ID:	SGSA	TATW	TATW	TATW	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.041]	ND [0.042]	ND [0.041]	-	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	ND [0.42] JL-	ND [0.41] JL-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.052]	ND [0.052]	ND [0.051]	-	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.021]	ND [0.021]	ND [0.02]	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	TB06
					Sample ID:	11FWA-TAKU-TB06
					Lab Sample ID:	27675-3
					Matrix:	SO
					Sample Date/Time:	7/28/2011 1550
					Lab ID:	TATW
					QA/QC:	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.1]
AK102	-	Diesel Range Organics	mg/kg	250	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	TB06
					Sample ID:	11FWA-TAKU-TB06
					Lab Sample ID:	27675-3
					Matrix:	SO
					Sample Date/Time:	7/28/2011 1550
					Lab ID:	TATW
					QA/QC:	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.03]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.03]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.01]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.01]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.03]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.03]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.03]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.03]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.03] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.03] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.15]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	0.017 [0.04] J, B
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.03]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.03]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.03]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.03]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.03]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.03]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	0.0086 [0.02] J, B
SW8260	1330-20-7	Xylenes	mg/kg	63	9.8	-
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.03]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.03]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.03]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	0.01 [0.04] J
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.03]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.03]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.015]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.03]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.15]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.03]

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	TB06
					Sample ID:	11FWA-TAKU-TB06
					Lab Sample ID:	27675-3
					Matrix:	SO
					Sample Date/Time:	7/28/2011 1550
					Lab ID:	TATW
					QA/QC:	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.03]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.3]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.03]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	0.0073 [0.016] J, B
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.03]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.1]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.3] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.03]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.03]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.3]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.005]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	0.012 [0.04] J
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.03]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.03]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.03]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.03]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.015]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.03]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.03]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.03]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.01]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.3]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0088]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.01]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0088]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.03]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.03]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.03]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.03]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.03]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.03]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.03]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.15]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.03] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.03]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.03]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.03]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	TB06
					Sample ID:	11FWA-TAKU-TB06
					Lab Sample ID:	27675-3
					Matrix:	SO
					Sample Date/Time:	7/28/2011 1550
					Lab ID:	TATW
					QA/QC:	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-

Table B-1-2e
2011 Former Communications Site Construction Support - Area B42 Laboratory Results

					Location ID:	TB06
					Sample ID:	11FWA-TAKU-TB06
					Lab Sample ID:	27675-3
					Matrix:	SO
					Sample Date/Time:	7/28/2011 1550
					Lab ID:	TATW
					QA/QC:	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C01	B48-C02	B48-C03	B48-C04	B48-C05
					Sample ID:	11TAKU-B48-SO10-C01	11TAKU-B48-SO10-C02	11TAKU-B48-SO10-C03	11TAKU-B48-SO8-C04	11TAKU-B48-SO8-C05
					Lab Sample ID:	27870-1	27870-2	27870-3	27870-4	27870-5
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1735	8/6/2011 1740	8/6/2011 1740	8/6/2011 1745	8/6/2011 1748
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	0.0047 [0.0058] J, B	0.0043 [0.0064] J, B
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	0.0019 [0.0058] J	ND [0.0032]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	0.004 [0.0058] J	0.0031 [0.0064] J
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	0.0035 [0.0058] J	0.0025 [0.0064] J
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	0.0032 [0.0058] J	0.0041 [0.0064] J
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.0028]	ND [0.0025]	ND [0.0026]	0.0026 [0.0058] J	0.0019 [0.0064] J
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	0.0024 [0.0058] J	0.0029 [0.0064] J
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	0.0029 [0.0058] J	ND [0.0032]
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0028]	ND [0.0025]	ND [0.0026]	ND [0.0029]	ND [0.0032]
AK101	-	Gasoline Range Organics	mg/kg	300	-	0.92 [3.9] J, B	ND [0.93]	ND [0.95]	ND [1.2]	ND [1.1] JM-
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [6.9]	ND [6.6]	ND [6.4]	5.8 [23] J, B	7.1 [25] J,JM-, B
AK103	-	Residual Range Organics	mg/kg	10000*	-	ND [35]	ND [34]	ND [33]	39 [58] J	48 [62] J
SW6020	7439-89-6	Iron	mg/kg	-	-	18000 [22]	14000 [20]	15000 [21]	21000 [22]	24000 [26]
SW6020	7439-92-1	Lead	mg/kg	400*	14	5.9 [0.22]	4.7 [0.2]	4.8 [0.21]	26 [0.22]	13 [0.26]
SW6020	7439-95-4	Magnesium	mg/kg	-	-	5300 [110]	4300 [98]	4500 [100]	5700 [110]	6500 [130]
SW6020	7439-96-5	Manganese	mg/kg	-	-	320 [0.54]	960 [0.49] JD	350 [0.51] JD	370 [0.54]	450 [0.64]
SW6020	7440-02-0	Nickel	mg/kg	86	-	22 [0.22]	21 [0.2]	20 [0.21]	26 [0.22]	30 [0.26]
SW6020	7440-09-7	Potassium	mg/kg	-	-	810 [110]	670 [98]	670 [100]	1100 [110]	1200 [130]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.041 [0.22] J	0.03 [0.2] J	0.03 [0.21] J	0.093 [0.22] J	0.1 [0.26] J
SW6020	7440-23-5	Sodium	mg/kg	-	-	400 [110]	290 [98]	300 [100]	420 [110]	510 [130]
SW6020	7440-28-0	Thallium	mg/kg	1.9	0.14	ND [0.28]	ND [0.25]	ND [0.27]	ND [0.28]	ND [0.33]
SW6020	7440-36-0	Antimony	mg/kg	3.6	0.27	0.22 [0.22]	0.17 [0.2] J,JD	0.38 [0.21] JD	0.43 [0.22]	0.31 [0.26]
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**9.3 [0.54]**	**6.1 [0.49]**	**6.5 [0.51]**	**11 [0.54]**	**9.6 [0.64]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	-	-	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.15 [0.22] J	0.19 [0.2] J	0.14 [0.21] J	0.52 [0.22]	0.31 [0.26]
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	-	-	-	-
SW6020	7440-62-2	Vanadium	mg/kg	710	-	33 [0.75]	27 [0.69]	31 [0.72]	39 [0.76]	42 [0.9]
SW6020	7440-66-6	Zinc	mg/kg	4100	-	42 [0.75]	35 [0.69]	35 [0.72]	68 [0.76]	70 [0.9]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.44 [0.75] J	0.29 [0.69] J	0.3 [0.72] J	0.61 [0.76] J	0.73 [0.9] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.022 [0.018]	0.0078 [0.015] J	0.0083 [0.016] J	0.037 [0.018]	0.028 [0.021] JM+
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.00034]	ND [0.00031]	ND [0.00032]	ND [0.00035]	ND [0.00038]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.00034]	ND [0.00031]	ND [0.00032]	ND [0.00035]	ND [0.00038]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.00057]	ND [0.00052]	ND [0.00053]	ND [0.00058]	ND [0.00063]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.00057]	ND [0.00052]	ND [0.00053]	ND [0.00058]	ND [0.00063]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.00057]	ND [0.00052]	ND [0.00053]	ND [0.00058]	ND [0.00063]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	ND [0.00034]	ND [0.00031]	ND [0.00032]	ND [0.00035]	ND [0.00038]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.00057]	ND [0.00052]	ND [0.00053]	ND [0.00058]	ND [0.00063]
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	ND [0.00034]	0.00027 [0.0021] J	0.00026 [0.0021] J	0.043 [0.0023]	0.023 [0.0025]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.00034]	ND [0.00031]	ND [0.00032]	ND [0.00035]	ND [0.00038]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.00034]	ND [0.00031]	ND [0.00032]	ND [0.00035]	ND [0.00038]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.00057]	ND [0.00052]	ND [0.00053]	ND [0.00058]	ND [0.00063]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.00034]	ND [0.00031]	ND [0.00032]	ND [0.00035]	ND [0.00038]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.00034]	ND [0.00031]	ND [0.00032]	ND [0.00035]	ND [0.00038]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.00034]	ND [0.00031]	ND [0.00032]	ND [0.00035]	ND [0.00038]

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C01	B48-C02	B48-C03	B48-C04	B48-C05
					Sample ID:	11TAKU-B48-SO10-C01	11TAKU-B48-SO10-C02	11TAKU-B48-SO10-C03	11TAKU-B48-SO8-C04	11TAKU-B48-SO8-C05
					Lab Sample ID:	27870-1	27870-2	27870-3	27870-4	27870-5
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1735	8/6/2011 1740	8/6/2011 1740	8/6/2011 1745	8/6/2011 1748
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.00057]	ND [0.00052]	ND [0.00053]	ND [0.00058]	ND [0.00063]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.00034]	ND [0.00031]	ND [0.00032]	0.0096 [0.0023]	0.0048 [0.0025]
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.00034]	ND [0.00031]	ND [0.00032]	0.015 [0.0023]	0.0076 [0.0025]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.00057]	ND [0.00052]	ND [0.00053]	ND [0.00058]	ND [0.00063]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.00057]	ND [0.00052]	ND [0.00053]	ND [0.00058]	ND [0.00063]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.057]	ND [0.052]	ND [0.053]	ND [0.058]	ND [0.063]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.00034]	ND [0.00031]	ND [0.00032]	ND [0.00035]	ND [0.00038]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	ND [0.0054]	ND [0.0053]	ND [0.0054]	ND [0.0059]	ND [0.0064]
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	ND [0.0054]	ND [0.0053]	ND [0.0054]	ND [0.0059]	ND [0.0064]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	ND [0.011]	ND [0.0084]	ND [0.0086]	ND [0.0094]	ND [0.01]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	ND [0.011]	ND [0.0084]	ND [0.0086]	ND [0.0094]	ND [0.01]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	ND [0.0032]	ND [0.0032]	ND [0.0032]	ND [0.0035]	ND [0.0039]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	ND [0.0054]	ND [0.0053]	ND [0.0054]	ND [0.0059]	ND [0.0064]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	ND [0.0054]	ND [0.0053]	ND [0.0054]	ND [0.0059]	ND [0.0064]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0038]	ND [0.0035]	ND [0.0035]	ND [0.0039]	ND [0.0043]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0038]	ND [0.0035]	ND [0.0035]	ND [0.0039]	ND [0.0043]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0075]	ND [0.007]	ND [0.007]	ND [0.0077]	ND [0.0085]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.015]	ND [0.014]	ND [0.014]	ND [0.015]	ND [0.017]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0075]	ND [0.007]	ND [0.007]	ND [0.0077]	ND [0.0085]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0038]	ND [0.0035]	ND [0.0035]	ND [0.0039]	ND [0.0043]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0038]	ND [0.0035]	ND [0.0035]	ND [0.0039]	ND [0.0043]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0038]	ND [0.0035]	ND [0.0035]	ND [0.0039]	ND [0.0043]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0038]	ND [0.0035]	ND [0.0035]	ND [0.0039]	ND [0.0043]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0038]	ND [0.0035]	ND [0.0035]	ND [0.0039]	ND [0.0043]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0038]	ND [0.0035]	ND [0.0035]	ND [0.0039]	ND [0.0043]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0038]	ND [0.0035]	ND [0.0035]	ND [0.0039]	ND [0.0043]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0099]	ND [0.0085]	ND [0.0086]	ND [0.011]	ND [0.0099] JM-,JS
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0099]	ND [0.0085]	ND [0.0086]	ND [0.011]	ND [0.0099] JM-,JS
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.03] E*	*ND [0.025] E*	*ND [0.026] E*	*ND [0.032] E*	*ND [0.03] JM-,JS E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.03] E*	*ND [0.025] E*	*ND [0.026] E*	*ND [0.032] E*	*ND [0.03] JM-,JS E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.15]	ND [0.13]	ND [0.13]	ND [0.16]	ND [0.15] JM-,JS
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.015]	ND [0.013]	ND [0.013]	ND [0.016]	ND [0.015] JS
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-, JS
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C01	B48-C02	B48-C03	B48-C04	B48-C05
					Sample ID:	11TAKU-B48-SO10-C01	11TAKU-B48-SO10-C02	11TAKU-B48-SO10-C03	11TAKU-B48-SO8-C04	11TAKU-B48-SO8-C05
					Lab Sample ID:	27870-1	27870-2	27870-3	27870-4	27870-5
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1735	8/6/2011 1740	8/6/2011 1740	8/6/2011 1745	8/6/2011 1748
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.015]	ND [0.013]	ND [0.013]	ND [0.016]	ND [0.015] JM-,JS
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.15]	ND [0.13]	ND [0.13]	ND [0.16]	ND [0.15] JM-,JS
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.3]	ND [0.25]	ND [0.26]	ND [0.32]	ND [0.3] JS
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0099]	ND [0.0085]	ND [0.0086]	ND [0.011]	ND [0.0099] JM-,JS
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.099]	ND [0.085]	ND [0.086]	ND [0.11]	ND [0.099] JS
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.3] E*	*ND [0.25] E*	*ND [0.26] E*	*ND [0.32] E*	*ND [0.3] JM-,JS E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.3]	ND [0.25]	ND [0.26]	ND [0.32]	ND [0.3] JM-,JS
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0049]	ND [0.0042]	ND [0.0043]	ND [0.0053]	ND [0.0049] JM-,JS
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.054 [0.039] B**	**0.048 [0.034] B**	**0.038 [0.034] B**	**0.067 [0.042] B**	**0.09 [0.039] B,JS**
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JS
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.015]	ND [0.013]	ND [0.013]	ND [0.016]	ND [0.015] JS
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JS
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-, JS
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0099]	ND [0.0085]	ND [0.0086]	ND [0.011]	ND [0.0099] JM-,JS
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.3]	ND [0.25]	ND [0.26]	ND [0.32]	ND [0.3] JS
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0087]	ND [0.0075]	ND [0.0076]	ND [0.0093]	ND [0.0087] JM-,JS
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0099]	ND [0.0085]	ND [0.0086]	ND [0.011]	ND [0.0099] JM-, JS
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0087]	ND [0.0075]	ND [0.0076]	ND [0.0093]	ND [0.0087] JM-,JS
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JS
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.15]	ND [0.13]	ND [0.13]	ND [0.16]	ND [0.15] JS
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.03] E*	*ND [0.025] E*	*ND [0.026] E*	*ND [0.032] E*	*ND [0.03] JS E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.03]	ND [0.025]	ND [0.026]	ND [0.032]	ND [0.03] JM-,JS
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.55]	ND [0.5]	ND [0.52]	ND [0.58]	ND [0.64]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C01	B48-C02	B48-C03	B48-C04	B48-C05
					Sample ID:	11TAKU-B48-SO10-C01	11TAKU-B48-SO10-C02	11TAKU-B48-SO10-C03	11TAKU-B48-SO8-C04	11TAKU-B48-SO8-C05
					Lab Sample ID:	27870-1	27870-2	27870-3	27870-4	27870-5
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1735	8/6/2011 1740	8/6/2011 1740	8/6/2011 1745	8/6/2011 1748
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.022] E*	*ND [0.02] E*	*ND [0.021] E*	*ND [0.023] E*	*ND [0.025] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.11]	ND [0.1]	ND [0.1]	ND [0.12]	ND [0.13]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.022] E*	*ND [0.02] E*	*ND [0.021] E*	*ND [0.023] E*	*ND [0.025] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [0.55] E*	ND [0.5]	ND [0.52]	*ND [0.58] E*	*ND [0.64] E*
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.28]	ND [0.25]	ND [0.26]	ND [0.29]	ND [0.32]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.022] E*	*ND [0.02] E*	*ND [0.021] E*	*ND [0.023] E*	*ND [0.025] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.022] E*	*ND [0.02] E*	*ND [0.021] E*	*ND [0.023] E*	*ND [0.025] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.1]	ND [1]	ND [1]	ND [1.2]	ND [1.3]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.11]	ND [0.1]	ND [0.1]	ND [0.12]	ND [0.13]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.011]	ND [0.01]	ND [0.01]	0.0062 [0.023] J, B	ND [0.013]
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.11]	ND [0.1]	ND [0.1]	ND [0.12]	ND [0.13]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [0.055] E*	*ND [0.05] E*	*ND [0.052] E*	*ND [0.058] E*	*ND [0.064] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.012]	ND [0.013]
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.044]	ND [0.04]	ND [0.042]	ND [0.046]	ND [0.051]

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C01	B48-C02	B48-C03	B48-C04	B48-C05
					Sample ID:	11TAKU-B48-SO10-C01	11TAKU-B48-SO10-C02	11TAKU-B48-SO10-C03	11TAKU-B48-SO8-C04	11TAKU-B48-SO8-C05
					Lab Sample ID:	27870-1	27870-2	27870-3	27870-4	27870-5
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1735	8/6/2011 1740	8/6/2011 1740	8/6/2011 1745	8/6/2011 1748
					Lab ID:	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.055]	ND [0.05]	ND [0.052]	ND [0.058]	ND [0.064]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.022]	ND [0.02]	ND [0.021]	ND [0.023]	ND [0.025]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C06	B48-C07	TB01
					Sample ID:	11TAKU-B48-SO8-C06	11TAKU-B48-SO8-C07	11TAKU-B48-TB01
					Lab Sample ID:	27870-6	27870-7	27870-8
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/6/2011 1750	8/6/2011 1755	8/6/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0027]	0.0017 [0.0055] J	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	0.007 [0.0055] B	0.009 [0.0055] B	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	0.003 [0.0055] J	0.0032 [0.0055] J	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	0.0024 [0.0055] J	0.0024 [0.0055] J	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	0.0052 [0.0055] J	0.0061 [0.0055]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	0.0056 [0.0055]	0.0077 [0.0055]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	0.002 [0.0055] J	0.0025 [0.0055] J	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0027]	ND [0.0028]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	0.0045 [0.0055] J	0.0057 [0.0055]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	0.0037 [0.0055] J	0.0043 [0.0055] J	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.0027]	ND [0.0028]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	0.0037 [0.0055] J	0.0047 [0.0055] J	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0027]	ND [0.0028]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	0.0043 [0.0055] J	0.0074 [0.0055]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0027]	ND [0.0028]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.0027]	ND [0.0028]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0027]	ND [0.0028]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0027]	ND [0.0028]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	0.55 [4.5] J	ND [1.1]	ND [1.1]
AK102	-	Diesel Range Organics	mg/kg	250	-	10 [23] J, B	8.5 [22] J, B	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	54 [59] J	57 [55]	-
SW6020	7439-89-6	Iron	mg/kg	-	-	22000 [22]	21000 [22]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	18 [0.22]	16 [0.22]	-
SW6020	7439-95-4	Magnesium	mg/kg	-	-	6000 [110]	5700 [110]	-
SW6020	7439-96-5	Manganese	mg/kg	-	-	620 [0.55]	360 [0.54]	-
SW6020	7440-02-0	Nickel	mg/kg	86	-	29 [0.22]	25 [0.22]	-
SW6020	7440-09-7	Potassium	mg/kg	-	-	1200 [110]	1100 [110]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.091 [0.22] J	0.094 [0.22] J	-
SW6020	7440-23-5	Sodium	mg/kg	-	-	420 [110]	430 [110]	-
SW6020	7440-28-0	Thallium	mg/kg	1.9	0.14	ND [0.28]	ND [0.28]	-
SW6020	7440-36-0	Antimony	mg/kg	3.6	0.27	0.74 [0.22]	0.35 [0.22]	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**11 [0.55]**	**11 [0.54]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.44 [0.22]	0.37 [0.22]	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	-	-
SW6020	7440-62-2	Vanadium	mg/kg	710	-	39 [0.76]	38 [0.76]	-
SW6020	7440-66-6	Zinc	mg/kg	4100	-	71 [0.76]	63 [0.76]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.6 [0.76] J	0.61 [0.76] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.022 [0.019]	0.027 [0.019]	-
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.00033]	ND [0.00033]	-
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.00033]	ND [0.00033]	-
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.00055]	ND [0.00055]	-
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.00055]	ND [0.00055]	-
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.00055]	ND [0.00055]	-
SW8081	319-86-8	delta-BHC	mg/kg	-	-	ND [0.00033]	ND [0.00033]	-
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.00055]	ND [0.00055]	-
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	0.044 [0.0022]	0.041 [0.0022]	-
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.00033]	ND [0.00033]	-
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.00033]	ND [0.00033]	-
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.00055]	ND [0.00055]	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.00033]	ND [0.00033]	-
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.00033]	ND [0.00033]	-
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.00033]	ND [0.00033]	-

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C06	B48-C07	TB01
					Sample ID:	11TAKU-B48-SO8-C06	11TAKU-B48-SO8-C07	11TAKU-B48-TB01
					Lab Sample ID:	27870-6	27870-7	27870-8
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/6/2011 1750	8/6/2011 1755	8/6/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.00055]	ND [0.00055]	-
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	0.0097 [0.0022]	0.0099 [0.0022]	-
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	0.014 [0.0022]	0.015 [0.0022]	-
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.00055]	ND [0.00055]	-
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.00055]	ND [0.00055]	-
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.055]	ND [0.055]	-
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.00033]	ND [0.00033]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	ND [0.0058]	ND [0.0058]	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	ND [0.0058]	ND [0.0058]	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	ND [0.0093]	ND [0.0093]	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	ND [0.0093]	ND [0.0093]	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	ND [0.0035]	ND [0.0035]	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	ND [0.0058]	ND [0.0058]	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	ND [0.0058]	ND [0.0058]	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0039]	ND [0.0039]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0039]	ND [0.0039]	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0077]	ND [0.0077]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.015]	ND [0.015]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0077]	ND [0.0077]	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0039]	ND [0.0039]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0039]	ND [0.0039]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0039]	ND [0.0039]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0039]	ND [0.0039]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0039]	ND [0.0039]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0039]	ND [0.0039]	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0039]	ND [0.0039]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.011]	ND [0.01]	ND [0.01]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.011]	ND [0.01]	ND [0.01]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.034] E*	*ND [0.03] E*	*ND [0.03] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.034] E*	*ND [0.03] E*	*ND [0.03] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.17]	ND [0.15]	ND [0.15]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.034] E*	ND [0.03]	ND [0.03]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.017]	ND [0.015]	ND [0.015]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.034]	ND [0.03]	ND [0.03]

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C06	B48-C07	TB01
					Sample ID:	11TAKU-B48-SO8-C06	11TAKU-B48-SO8-C07	11TAKU-B48-TB01
					Lab Sample ID:	27870-6	27870-7	27870-8
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/6/2011 1750	8/6/2011 1755	8/6/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.017]	ND [0.015]	ND [0.015]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.17]	ND [0.15]	ND [0.15]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.34]	0.12 [0.4] J	ND [0.3]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.011]	ND [0.01]	ND [0.01]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.11]	ND [0.1]	ND [0.1]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.34] E*	*ND [0.3] E*	*ND [0.3] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.34]	ND [0.3]	ND [0.3]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0057]	ND [0.005]	ND [0.005]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.087 [0.045] B**	**0.086 [0.04] B**	**0.05 [0.04]**
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.017]	ND [0.015]	ND [0.015]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.011]	ND [0.01]	ND [0.01]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.34]	ND [0.3]	ND [0.3]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.01]	ND [0.0088]	ND [0.0088]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.011]	ND [0.01]	ND [0.01]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.01]	ND [0.0088]	ND [0.0088]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.17]	ND [0.15]	ND [0.15]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.034] E*	*ND [0.03] E*	*ND [0.03] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.034]	ND [0.03]	ND [0.03]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.022]	ND [0.022]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.55]	ND [0.55]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.022]	ND [0.022]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.022]	ND [0.022]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.022]	ND [0.022]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.022]	ND [0.022]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.022]	ND [0.022]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.022]	ND [0.022]	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.022]	ND [0.022]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.022]	ND [0.022]	-

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C06	B48-C07	TB01
					Sample ID:	11TAKU-B48-SO8-C06	11TAKU-B48-SO8-C07	11TAKU-B48-TB01
					Lab Sample ID:	27870-6	27870-7	27870-8
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/6/2011 1750	8/6/2011 1755	8/6/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.022] E*	*ND [0.022] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.011]	ND [0.011]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.11]	ND [0.11]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.011]	ND [0.011]	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.011]	ND [0.011]	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.011]	ND [0.011]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.022]	ND [0.022]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.022]	ND [0.022]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.022] E*	*ND [0.022] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.011]	ND [0.011]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.011]	ND [0.011]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.011]	ND [0.011]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.011]	ND [0.011]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.011]	ND [0.011]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.011]	ND [0.011]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	0.0084 [0.022] J	0.011 [0.022] J	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.011]	ND [0.011]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.011]	ND [0.011]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.011]	ND [0.011]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.011]	ND [0.011]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [0.55] E*	*ND [0.55] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.27]	ND [0.28]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.011]	ND [0.011]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.022]	ND [0.022]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.011]	ND [0.011]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.022]	ND [0.022]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.022] E*	*ND [0.022] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.022] E*	*ND [0.022] E*	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.1]	ND [1.1]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.022]	ND [0.022]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.022]	ND [0.022]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.011]	ND [0.011]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.011]	ND [0.011]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.011]	ND [0.011]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.022]	ND [0.022]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.11]	ND [0.11]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.011]	0.0085 [0.022] J, B	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.11]	ND [0.11]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.011]	ND [0.011]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.011]	ND [0.011]	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	ND [0.011]	ND [0.011]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.022]	ND [0.022]	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [0.055] E*	*ND [0.055] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.022]	ND [0.022]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.022]	ND [0.022]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.022]	ND [0.022]	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.011]	ND [0.011]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.011]	ND [0.011]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.011]	ND [0.011]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.011]	ND [0.011]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.044]	ND [0.044]	-

Table B-1-2f
2011 Former Communications Site Construction Support - Area B48 Laboratory Results

					Location ID:	B48-C06	B48-C07	TB01
					Sample ID:	11TAKU-B48-SO8-C06	11TAKU-B48-SO8-C07	11TAKU-B48-TB01
					Lab Sample ID:	27870-6	27870-7	27870-8
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/6/2011 1750	8/6/2011 1755	8/6/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.022]	ND [0.022]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.022]	ND [0.022]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.022]	ND [0.022]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.022]	ND [0.022]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.055]	ND [0.055]	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.022]	ND [0.022]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C01	B49-C01	B49-C02	B49-C02	B49-C03
					Sample ID:	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C03
					Lab Sample ID:	28045-1	28045-1	28045-2	28045-2	28045-3
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1515	8/16/2011 1515	8/16/2011 1522	8/16/2011 1522	8/16/2011 1522
					Lab ID:	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.0029]	-	ND [0.003]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.0029]	-	ND [0.003]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	-	ND [1.1]	-	ND [1.2] JM-	-
AK102	-	Diesel Range Organics	mg/kg	250	-	-	5.1 [24] J, B	-	9.3 [25] J,JM-, B	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	16 [59] J, B	-	32 [63] J, B	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	5.8 [0.19]	-	7.5 [0.21]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	0.043 [0.19] J	-	0.076 [0.21] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	**8.4 [0.46]**	-	**9.1 [0.52]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	73 [0.19]	-	87 [0.21]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	0.13 [0.19] J	-	0.28 [0.21]	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	16 [0.19]	-	17 [0.21]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	0.48 [0.65] J	-	0.74 [0.73]	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	0.017 [0.019] J	-	0.011 [0.019] J	-
SW8015B	107-21-1	Ethylene glycol	mg/kg	190	-	ND [0.81]	-	ND [0.85]	-	ND [0.88]
SW8015B	57-55-6	Propylene glycol	mg/kg	-	-	19 [6.1]	-	120 [6.4] JD	-	22 [6.6] JD
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	ND [0.00034]	-	ND [0.00036]	-
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	ND [0.00034]	-	ND [0.00036]	-
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	ND [0.00057]	-	ND [0.0006]	-
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	ND [0.00057]	-	ND [0.0006]	-
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	ND [0.00057]	-	ND [0.0006]	-
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	ND [0.00034]	-	ND [0.00036]	-
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	ND [0.00057]	-	ND [0.0006]	-
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	0.0016 [0.0023] J	-	0.00068 [0.0024] J	-
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	ND [0.00034]	-	ND [0.00036]	-
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	ND [0.00034]	-	ND [0.00036]	-
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	ND [0.00057]	-	ND [0.0006]	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	ND [0.00034]	-	ND [0.00036]	-
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	ND [0.00034]	-	ND [0.00036]	-
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	ND [0.00034]	-	ND [0.00036]	-
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	ND [0.00057]	-	ND [0.0006]	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C01	B49-C01	B49-C02	B49-C02	B49-C03
					Sample ID:	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C03
					Lab Sample ID:	28045-1	28045-1	28045-2	28045-2	28045-3
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1515	8/16/2011 1515	8/16/2011 1522	8/16/2011 1522	8/16/2011 1522
					Lab ID:	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	0.00028 [0.0023] J	-	ND [0.00036]	-
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	0.00041 [0.0023] J	-	ND [0.00036]	-
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	ND [0.00057]	-	ND [0.0006]	-
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	ND [0.00057]	-	ND [0.0006]	-
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	ND [0.057]	-	ND [0.06]	-
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	ND [0.00034]	-	ND [0.00036]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.004]	-	ND [0.0042]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	ND [0.004]	-	ND [0.0042]	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	ND [0.008]	-	ND [0.0083]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	ND [0.016]	-	ND [0.017]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	ND [0.008]	-	ND [0.0083]	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	ND [0.004]	-	ND [0.0042]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	ND [0.004]	-	ND [0.0042]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	ND [0.004]	-	ND [0.0042]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	ND [0.004]	-	ND [0.0042]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	ND [0.004]	-	ND [0.0042]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	ND [0.004]	-	ND [0.0042]	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	ND [0.004]	-	ND [0.0042]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.01]	-	ND [0.011] JM-, JS-	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	-	ND [0.01]	-	ND [0.011] JM-, JS-	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	-	*ND [0.03] E*	-	*ND [0.032] R, E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	-	*ND [0.03] E*	-	*ND [0.032] JM- E, JS-*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	-	ND [0.15]	-	ND [0.16] JM-, JS-	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.03] JH	-	ND [0.032] JH, JS-	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	-	ND [0.015]	-	ND [0.016] JS-	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C01	B49-C01	B49-C02	B49-C02	B49-C03
					Sample ID:	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C03
					Lab Sample ID:	28045-1	28045-1	28045-2	28045-2	28045-3
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1515	8/16/2011 1515	8/16/2011 1522	8/16/2011 1522	8/16/2011 1522
					Lab ID:	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	-	ND [0.015]	-	ND [0.016] JM-, JS-	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	-	ND [0.15]	-	ND [0.16] JM-, JS-	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	67-64-1	Acetone	mg/kg	88	-	-	ND [0.3]	-	0.92 [0.43] JC+, JS-	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	-	ND [0.01]	-	ND [0.011] JM-, JS-	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	-	ND [0.1]	-	ND [0.11] JM-, JS-	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	-	*ND [0.3] E*	-	*ND [0.32] JM- E, JS-*	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	-	ND [0.3]	-	ND [0.32] R	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	-	ND [0.005]	-	ND [0.0053] JM-, JS-	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	0.012 [0.04] J,B	-	0.015 [0.043] J,B,JM-,JS-	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	-	ND [0.03]	-	ND [0.032] R	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	ND [0.015]	-	ND [0.016] JM-, JS-	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	-	ND [0.01]	-	ND [0.011] JM-, JS-	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	-	ND [0.3]	-	0.14 [0.43] J,JM-, JS-	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	-	ND [0.0088]	-	ND [0.0094] JM-, JS-	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	-	ND [0.01]	-	ND [0.011] JM-, JS-	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	-	ND [0.0088]	-	ND [0.0094] JM-, JS-	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	ND [0.03] JH	-	ND [0.032] JH, JS-	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.03] JH	-	ND [0.032] R	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.03] JH	-	ND [0.032] R	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	-	ND [0.15] JC-	-	ND [0.16] R	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	-	*ND [0.03] E*	-	*ND [0.032] JM- E, JS-*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	-	ND [0.03]	-	ND [0.032] JM-, JS-	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C01	B49-C01	B49-C02	B49-C02	B49-C03
					Sample ID:	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C03
					Lab Sample ID:	28045-1	28045-1	28045-2	28045-2	28045-3
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1515	8/16/2011 1515	8/16/2011 1522	8/16/2011 1522	8/16/2011 1522
					Lab ID:	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	-	ND [0.03]	-	ND [0.032] JS-	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	ND [0.57]	-	ND [0.6]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	ND [0.023]	-	ND [0.024]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	ND [0.57]	-	ND [0.6]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	*ND [0.023] E*	-	*ND [0.024] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	ND [0.11]	-	ND [0.12]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	ND [0.011]	-	ND [0.012]	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	ND [0.023]	-	ND [0.024]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	*ND [0.023] E*	-	*ND [0.024] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	ND [0.011]	-	ND [0.012]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	*ND [0.57] E*	-	*ND [0.6] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	ND [0.29]	-	ND [0.3]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	*ND [0.023] E*	-	*ND [0.024] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	*ND [0.023] E*	-	*ND [0.024] E*	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	*ND [0.57] E*	-	*ND [0.6] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	ND [1.1]	-	ND [1.2]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	ND [0.023]	-	ND [0.024]	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C01	B49-C01	B49-C02	B49-C02	B49-C03
					Sample ID:	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C03
					Lab Sample ID:	28045-1	28045-1	28045-2	28045-2	28045-3
					Matrix:	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1515	8/16/2011 1515	8/16/2011 1522	8/16/2011 1522	8/16/2011 1522
					Lab ID:	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**					
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	ND [0.011]	-	ND [0.012]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	ND [0.11]	-	ND [0.12]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	ND [0.11]	-	ND [0.12]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	*ND [0.057] E*	-	*ND [0.06] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	ND [0.011]	-	ND [0.012]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	ND [0.046]	-	ND [0.048]	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	ND [0.46]	-	ND [0.48]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	ND [0.023]	-	ND [0.024]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	ND [0.023]	-	ND [0.024]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	ND [0.057]	-	ND [0.06]	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	ND [0.023]	-	ND [0.024]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C03	B49-C04	B49-C04	B49-C05	B49-C05	B49-C06
					Sample ID:	11TAKU-B49-SO10-C03	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C06
					Lab Sample ID:	28045-3	28045-4	28045-4	28045-5	28045-5	28045-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1522	8/16/2011 1525	8/16/2011 1525	8/16/2011 1530	8/16/2011 1530	8/16/2011 1534
					Lab ID:	TATW	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0033]	-	ND [0.0027]	-	ND [0.0028]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.1]	-	ND [1.1]	-	ND [1]	-
AK102	-	Diesel Range Organics	mg/kg	250	-	11 [26] J, B	-	11 [21] J, B	-	21 [23] J	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	42 [64] J, B	-	55 [52] B	-	66 [57]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	7.7 [0.24]	-	11 [0.2]	-	15 [0.2]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.073 [0.24] J	-	0.073 [0.2] J	-	0.08 [0.2] J	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**11 [0.59]**	-	**10 [0.51]**	-	**10 [0.51]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	99 [0.24]	-	100 [0.2]	-	100 [0.2]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.26 [0.24]	-	0.25 [0.2]	-	0.24 [0.2]	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	18 [0.24]	-	18 [0.2]	-	18 [0.2]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.73 [0.83] J	-	0.62 [0.71] J	-	0.63 [0.71] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.008 [0.019] J	-	0.017 [0.017]	-	0.018 [0.017]	-
SW8015B	107-21-1	Ethylene glycol	mg/kg	190	-	-	ND [0.72]	-	ND [0.77]	-	ND [0.7]
SW8015B	57-55-6	Propylene glycol	mg/kg	-	-	-	ND [0.54]	-	2.1 [5.8] J	-	ND [0.53]
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.00039]	-	ND [0.00031]	-	ND [0.00035]	-
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.00039]	-	ND [0.00031]	-	ND [0.00035]	-
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.00065]	-	ND [0.00052]	-	ND [0.00058]	-
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.00065]	-	ND [0.00052]	-	ND [0.00058]	-
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.00065]	-	ND [0.00052]	-	ND [0.00058]	-
SW8081	319-86-8	delta-BHC	mg/kg	-	-	ND [0.00039]	-	ND [0.00031]	-	ND [0.00035]	-
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.00065]	-	ND [0.00052]	-	ND [0.00058]	-
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	0.00062 [0.0026] J	-	0.043 [0.0021]	-	0.032 [0.0023]	-
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.00039]	-	ND [0.00031]	-	ND [0.00035]	-
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.00039]	-	ND [0.00031]	-	ND [0.00035]	-
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.00065]	-	ND [0.00052]	-	ND [0.00058]	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.00039]	-	ND [0.00031]	-	ND [0.00035]	-
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.00039]	-	ND [0.00031]	-	ND [0.00035]	-
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.00039]	-	ND [0.00031]	-	ND [0.00035]	-
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.00065]	-	ND [0.00052]	-	ND [0.00058]	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C03	B49-C04	B49-C04	B49-C05	B49-C05	B49-C06
					Sample ID:	11TAKU-B49-SO10-C03	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C06
					Lab Sample ID:	28045-3	28045-4	28045-4	28045-5	28045-5	28045-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1522	8/16/2011 1525	8/16/2011 1525	8/16/2011 1530	8/16/2011 1530	8/16/2011 1534
					Lab ID:	TATW	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.00039]	-	0.004 [0.0021]	-	0.0032 [0.0023]	-
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.00039]	-	0.0057 [0.0021]	-	0.0042 [0.0023]	-
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.00065]	-	ND [0.00052]	-	ND [0.00058]	-
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.00065]	-	ND [0.00052]	-	ND [0.00058]	-
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.065]	-	ND [0.052]	-	ND [0.058]	-
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.00039]	-	ND [0.00031]	-	ND [0.00035]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-	-	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-	-	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0044]	-	ND [0.0036]	-	ND [0.0038]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0044]	-	ND [0.0036]	-	ND [0.0038]	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0088]	-	ND [0.0073]	-	ND [0.0075]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.018]	-	ND [0.015]	-	ND [0.015]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0088]	-	0.0045 [0.018] J	-	0.021 [0.019]	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0044]	-	ND [0.0036]	-	ND [0.0038]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0044]	-	ND [0.0036]	-	ND [0.0038]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0044]	-	ND [0.0036]	-	ND [0.0038]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0044]	-	ND [0.0036]	-	ND [0.0038]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0044]	-	ND [0.0036]	-	ND [0.0038]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0044]	-	ND [0.0036]	-	ND [0.0038]	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0044]	-	ND [0.0036]	-	ND [0.0038]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.0097] JS-	-	ND [0.01]	-	ND [0.0091]	-
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.0097] JS-	-	ND [0.01]	-	ND [0.0091]	-
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.029] E, JS-*	-	*ND [0.03] E*	-	*ND [0.027] E*	-
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.029] E, JS-*	-	*ND [0.03] E*	-	*ND [0.027] E*	-
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.15] JS-	-	ND [0.15]	-	ND [0.14]	-
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.029] JH, JS-	-	ND [0.03] JH	-	ND [0.027] JH	-
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.015] JS-	-	ND [0.015]	-	ND [0.014]	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C03	B49-C04	B49-C04	B49-C05	B49-C05	B49-C06
					Sample ID:	11TAKU-B49-SO10-C03	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C06
					Lab Sample ID:	28045-3	28045-4	28045-4	28045-5	28045-5	28045-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1522	8/16/2011 1525	8/16/2011 1525	8/16/2011 1530	8/16/2011 1530	8/16/2011 1534
					Lab ID:	TATW	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.015] JS-	-	ND [0.015]	-	ND [0.014]	-
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.15] JS-	-	ND [0.15]	-	ND [0.14]	-
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	67-64-1	Acetone	mg/kg	88	-	1.4 [0.39] JC+, JS-	-	ND [0.3]	-	ND [0.27]	-
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0097] JS-	-	ND [0.01]	-	ND [0.0091]	-
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.097] JS-	-	ND [0.1]	-	ND [0.091]	-
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.29] E, JS-*	-	*ND [0.3] E*	-	*ND [0.27] E*	-
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.29] JS-	-	ND [0.3]	-	ND [0.27]	-
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0049] JS-	-	ND [0.005]	-	ND [0.0045]	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	0.013 [0.039] J,B, JS-	-	0.012 [0.04] J,B	-	0.012 [0.036] J,B	-
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.015] JS-	-	ND [0.015]	-	ND [0.014]	-
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.0097] JS-	-	ND [0.01]	-	ND [0.0091]	-
SW8260	78-93-3	2-Butanone	mg/kg	59	-	0.16 [0.39] J, JS-	-	ND [0.3]	-	ND [0.27]	-
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0086] JS-	-	ND [0.0088]	-	ND [0.008]	-
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0097] JS-	-	ND [0.01]	-	ND [0.0091]	-
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0086] JS-	-	ND [0.0088]	-	ND [0.008]	-
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.029] JH, JS-	-	ND [0.03] JH	-	ND [0.027] JH	-
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.029] JH, JS-	-	ND [0.03] JH	-	ND [0.027] JH	-
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.029] JH, JS-	-	ND [0.03] JH	-	ND [0.027] JH	-
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.15] JC-, JS-	-	ND [0.15] JC-	-	ND [0.14] JC-	-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.029] E, JS-*	-	*ND [0.03] E*	-	*ND [0.027] E*	-
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C03	B49-C04	B49-C04	B49-C05	B49-C05	B49-C06
					Sample ID:	11TAKU-B49-SO10-C03	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C06
					Lab Sample ID:	28045-3	28045-4	28045-4	28045-5	28045-5	28045-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1522	8/16/2011 1525	8/16/2011 1525	8/16/2011 1530	8/16/2011 1530	8/16/2011 1534
					Lab ID:	TATW	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.029] JS-	-	ND [0.03]	-	ND [0.027]	-
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.65]	-	ND [0.55]	-	ND [0.56]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	ND [0.65]	-	ND [0.55]	-	ND [0.56]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.026] E*	-	*ND [0.022] E*	-	*ND [0.022] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.13]	-	ND [0.11]	-	ND [0.11]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.026] E*	-	*ND [0.022] E*	-	*ND [0.022] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [0.65] E*	-	*ND [0.55] E*	-	*ND [0.56] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.33]	-	ND [0.27]	-	ND [0.28]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.026] E*	-	*ND [0.022] E*	-	*ND [0.022] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.026] E*	-	*ND [0.022] E*	-	*ND [0.022] E*	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.65] E*	-	*ND [0.55] E*	-	*ND [0.56] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.3]	-	ND [1.1]	-	ND [1.1]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C03	B49-C04	B49-C04	B49-C05	B49-C05	B49-C06
					Sample ID:	11TAKU-B49-SO10-C03	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C06
					Lab Sample ID:	28045-3	28045-4	28045-4	28045-5	28045-5	28045-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1522	8/16/2011 1525	8/16/2011 1525	8/16/2011 1530	8/16/2011 1530	8/16/2011 1534
					Lab ID:	TATW	TASG	TATW	TASG	TATW	TASG
					QA/QC:	Duplicate	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.13]	-	ND [0.11]	-	ND [0.11]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.13]	-	ND [0.11]	-	ND [0.11]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [0.065] E*	-	*ND [0.055] E*	-	*ND [0.056] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.013]	-	ND [0.011]	-	ND [0.011]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.052]	-	ND [0.044]	-	ND [0.044]	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	ND [0.52]	-	ND [0.44]	-	ND [0.44]	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.065]	-	ND [0.055]	-	ND [0.056]	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.026]	-	ND [0.022]	-	ND [0.022]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C06	B49-W01	B49-W01	B49-W02	B49-W02	B49-TB
					Sample ID:	11TAKU-B49-SO9-C06	11TAKU-B49-SO-W01	11TAKU-B49-SO-W01	11TAKU-B49-SO-W02	11TAKU-B49-SO-W02	11TAKU-B49-TB02
					Lab Sample ID:	28045-6	28021-1	G1H170431001	28021-2	G1H170431002	28045-7
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1534	8/15/2011 0845	8/15/2011 0845	8/15/2011 0848	8/15/2011 0848	8/16/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	ND [0.0026]	ND [0.0026]	-	0.0057 [0.0055]	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0026]	ND [0.0026]	-	ND [0.0028]	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.2]	-	ND [0.9]	-	1.9 [6.9] J	ND [1.1]
AK102	-	Diesel Range Organics	mg/kg	250	-	3.6 [21] J, B	**750 [21]**	-	80 [23]	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	14 [53] J, B	35 [53] J, B	-	48 [58] J, B	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	4.9 [0.19]	1.1 [0.019]	-	0.81 [0.019]	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.036 [0.19] J	0.0056 [0.019] J	-	0.0067 [0.019] J	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**7 [0.47]**	0.74 [0.049]	-	1 [0.047]	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	63 [0.19]	6.4 [0.019]	-	8.9 [0.019]	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.12 [0.19] J	0.011 [0.019] J	-	0.02 [0.019]	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	14 [0.19]	1.6 [0.019]	-	1.8 [0.019]	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.44 [0.66] J	0.033 [0.068] J	-	0.045 [0.065] J	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.0048 [0.014] J	0.008 [0.014] J	-	0.012 [0.015] J	-	-
SW8015B	107-21-1	Ethylene glycol	mg/kg	190	-	-	*ND [350] E*	-	*ND [380] E*	-	-
SW8015B	57-55-6	Propylene glycol	mg/kg	-	-	-	22000 [2700]	-	13000 [2900]	-	-
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.00052]	ND [0.00051]	-	ND [0.00055]	-	-
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.00052]	ND [0.00051]	-	ND [0.00055]	-	-
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.00052]	ND [0.00051]	-	ND [0.00055]	-	-
SW8081	319-86-8	delta-BHC	mg/kg	-	-	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.00052]	ND [0.00051]	-	ND [0.00055]	-	-
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	0.00037 [0.0021] J	ND [0.00031]	-	0.0012 [0.0022] J	-	-
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.00052]	ND [0.00051]	-	ND [0.00055]	-	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.00052]	ND [0.00051]	-	ND [0.00055]	-	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C06	B49-W01	B49-W01	B49-W02	B49-W02	B49-TB
					Sample ID:	11TAKU-B49-SO9-C06	11TAKU-B49-SO-W01	11TAKU-B49-SO-W01	11TAKU-B49-SO-W02	11TAKU-B49-SO-W02	11TAKU-B49-TB02
					Lab Sample ID:	28045-6	28021-1	G1H170431001	28021-2	G1H170431002	28045-7
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1534	8/15/2011 0845	8/15/2011 0845	8/15/2011 0848	8/15/2011 0848	8/16/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.00052]	ND [0.00051]	-	ND [0.00055]	-	-
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.00052]	ND [0.00051]	-	ND [0.00055]	-	-
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.052]	ND [0.051]	-	ND [0.055]	-	-
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.00031]	ND [0.00031]	-	ND [0.00033]	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	ND [0.0051]	-	ND [0.0056]	-	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	ND [0.0051]	-	ND [0.0056]	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	ND [0.0081]	-	ND [0.009]	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	ND [0.0081]	-	ND [0.009]	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	ND [0.003]	-	ND [0.0034]	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	ND [0.0051]	-	ND [0.0056]	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	ND [0.0051]	-	ND [0.0056]	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0035]	ND [0.0035]	-	ND [0.0038]	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0035]	ND [0.0035]	-	ND [0.0038]	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.007]	ND [0.0071]	-	ND [0.0075]	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.014]	ND [0.014]	-	ND [0.015]	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.007]	ND [0.0071]	-	ND [0.0075]	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0035]	ND [0.0035]	-	ND [0.0038]	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0035]	ND [0.0035]	-	ND [0.0038]	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0035]	ND [0.0035]	-	ND [0.0038]	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0035]	ND [0.0035]	-	ND [0.0038]	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0035]	ND [0.0035]	-	ND [0.0038]	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0035]	ND [0.0035]	-	ND [0.0038]	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0035]	0.0021 [0.0071] J	-	ND [0.0038]	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.034]	-	ND [0.006]	-	ND [0.0091]	ND [0.03]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.034]	-	ND [0.00099]	-	ND [0.0015]	ND [0.03]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.011]	-	ND [0.0037]	-	ND [0.0056]	ND [0.01]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.011]	-	ND [0.0025]	-	ND [0.0039]	ND [0.01]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.034]	-	ND [0.0042]	-	ND [0.0065]	ND [0.03]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.034]	-	ND [0.0028]	-	0.0058 [0.069] J	ND [0.03]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.034]	-	ND [0.0025]	-	ND [0.0039]	ND [0.03]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.034]	-	ND [0.002]	-	ND [0.003]	ND [0.03]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.034] E*	-	*ND [0.0049] E*	-	*ND [0.0074] E*	*ND [0.03] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.034] E*	-	ND [0.0042]	-	ND [0.0065]	*ND [0.03] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.17]	-	ND [0.0028]	-	ND [0.0043]	ND [0.15]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.034]	-	ND [0.0045]	-	ND [0.0069]	ND [0.03]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.034]	-	ND [0.0032]	-	ND [0.0048]	ND [0.03]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.034]	-	ND [0.0051]	-	ND [0.0077]	ND [0.03]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.034]	-	ND [0.0041]	-	ND [0.0062]	ND [0.03]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.034]	-	ND [0.004]	-	ND [0.0061]	ND [0.03]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.034] JH	-	ND [0.0032]	-	ND [0.0048]	ND [0.03] JH
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.034] E*	-	ND [0.003]	-	ND [0.0045]	ND [0.03]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.017]	-	ND [0.0038]	-	ND [0.0058]	ND [0.015]

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C06	B49-W01	B49-W01	B49-W02	B49-W02	B49-TB
					Sample ID:	11TAKU-B49-SO9-C06	11TAKU-B49-SO-W01	11TAKU-B49-SO-W01	11TAKU-B49-SO-W02	11TAKU-B49-SO-W02	11TAKU-B49-TB02
					Lab Sample ID:	28045-6	28021-1	G1H170431001	28021-2	G1H170431002	28045-7
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1534	8/15/2011 0845	8/15/2011 0845	8/15/2011 0848	8/15/2011 0848	8/16/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.034]	-	ND [0.0022]	-	ND [0.0033]	ND [0.03]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.034]	-	ND [0.0021]	-	ND [0.0032]	ND [0.03]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.034]	-	ND [0.0074]	-	ND [0.011]	ND [0.03]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.034]	-	ND [0.0056]	-	ND [0.0085]	ND [0.03]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.034]	-	ND [0.0033]	-	ND [0.005]	ND [0.03]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.034]	-	ND [0.003]	-	ND [0.0045]	ND [0.03]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.017]	-	ND [0.0032]	-	ND [0.0048]	ND [0.015]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.034]	-	ND [0.0039]	-	ND [0.0059]	ND [0.03]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.17]	-	ND [0.0061]	-	ND [0.0094]	ND [0.15]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.034]	-	ND [0.0039]	-	ND [0.0059]	ND [0.03]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.034]	-	ND [0.0053]	-	ND [0.0081]	ND [0.03]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.34]	-	0.75 [0.45]	-	2.4 [0.69]	ND [0.3]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.034]	-	ND [0.0023]	-	ND [0.0036]	ND [0.03]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.011]	-	ND [0.003]	-	ND [0.0045]	ND [0.01]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.034]	-	ND [0.0033]	-	ND [0.0051]	ND [0.03]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.11]	-	ND [0.011]	-	ND [0.017]	ND [0.1]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.34] E*	-	ND [0.0023]	-	ND [0.0034]	*ND [0.3] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.034]	-	ND [0.0059]	-	ND [0.0089]	ND [0.03]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.034]	-	ND [0.0066]	-	ND [0.01]	ND [0.03]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.34]	-	ND [0.006]	-	ND [0.0091]	ND [0.3]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0056]	-	ND [0.0039]	-	ND [0.0059]	ND [0.005]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	0.012 [0.045] J,B	-	0.0063 [0.045] J,B	-	ND [0.0043]	**0.029 [0.04] J, B**
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.034]	-	ND [0.0032]	-	ND [0.0048]	ND [0.03]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.034]	-	ND [0.0099]	-	ND [0.015]	ND [0.03]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.034]	-	ND [0.0045]	-	ND [0.0069]	ND [0.03]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.034]	-	ND [0.0024]	-	ND [0.0037]	ND [0.03]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.017]	-	**0.031 [0.045] J**	-	ND [0.0065]	ND [0.015]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.034]	-	ND [0.0039]	-	ND [0.0059]	ND [0.03]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.034]	-	ND [0.0046]	-	ND [0.007]	ND [0.03]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.034]	-	-	-	-	ND [0.03]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.011]	-	ND [0.0042]	-	ND [0.0065]	ND [0.01]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.34]	-	0.055 [0.09] J	-	0.1 [0.14] J	ND [0.3]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0099]	-	ND [0.0031]	-	ND [0.0047]	ND [0.0088]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.011]	-	ND [0.011]	-	ND [0.017]	ND [0.01]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0099]	-	ND [0.0029]	-	ND [0.0044]	ND [0.0088]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.034] JH	-	ND [0.0056]	-	ND [0.0085]	ND [0.03] JH
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.034] JH	-	ND [0.0046]	-	ND [0.007]	ND [0.03] JH
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.034] JH	-	ND [0.0016]	-	0.052 [0.069] J	ND [0.03] JH
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.034]	-	ND [0.0047]	-	ND [0.0072]	ND [0.03]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.034]	-	ND [0.0033]	-	ND [0.005]	ND [0.03]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.034]	-	ND [0.002]	-	ND [0.003]	ND [0.03]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.034]	-	ND [0.0032]	-	0.0066 [0.069] J	ND [0.03]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.17] JC-	-	ND [0.0057]	-	ND [0.0087]	ND [0.15] JC-
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.034] E*	-	*ND [0.0042] E*	-	*ND [0.0065] E*	*ND [0.03] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.034]	-	ND [0.0037]	-	ND [0.0056]	ND [0.03]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.034]	-	0.0025 [0.045] J	-	ND [0.0023]	ND [0.03]

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C06	B49-W01	B49-W01	B49-W02	B49-W02	B49-TB
					Sample ID:	11TAKU-B49-SO9-C06	11TAKU-B49-SO-W01	11TAKU-B49-SO-W01	11TAKU-B49-SO-W02	11TAKU-B49-SO-W02	11TAKU-B49-TB02
					Lab Sample ID:	28045-6	28021-1	G1H170431001	28021-2	G1H170431002	28045-7
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1534	8/15/2011 0845	8/15/2011 0845	8/15/2011 0848	8/15/2011 0848	8/16/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.034]	-	ND [0.0014]	-	ND [0.0022]	ND [0.03]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.51]	ND [0.52]	-	ND [0.55]	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.02]	ND [0.021]	-	ND [0.022] R	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.01]	-	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.02]	ND [0.021]	-	ND [0.022] JM-	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	ND [0.51]	-	-	-	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.02] E*	*ND [0.021] E*	-	*ND [0.022] E*	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.1]	ND [0.1]	-	ND [0.11]	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.02] E*	*ND [0.021] E*	-	*ND [0.022] E*	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.01]	ND [0.01]	-	0.0058 [0.022] J	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	ND [0.51]	ND [0.52]	-	*ND [0.55] E*	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.26]	ND [0.26]	-	ND [0.28]	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.02] E*	*ND [0.021] E*	-	*ND [0.022] E*	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.02] E*	*ND [0.021] E*	-	*ND [0.022] E*	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.51] E*	-	-	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1]	ND [1]	-	ND [1.1]	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-C06	B49-W01	B49-W01	B49-W02	B49-W02	B49-TB
					Sample ID:	11TAKU-B49-SO9-C06	11TAKU-B49-SO-W01	11TAKU-B49-SO-W01	11TAKU-B49-SO-W02	11TAKU-B49-SO-W02	11TAKU-B49-TB02
					Lab Sample ID:	28045-6	28021-1	G1H170431001	28021-2	G1H170431002	28045-7
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1534	8/15/2011 0845	8/15/2011 0845	8/15/2011 0848	8/15/2011 0848	8/16/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.1]	ND [0.1]	-	ND [0.11]	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.1]	ND [0.1]	-	ND [0.11]	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [0.051] E*	*ND [0.052] E*	-	*ND [0.055] E*	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.01]	ND [0.01]	-	ND [0.011]	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.041]	ND [0.041]	-	ND [0.044]	-	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	ND [0.41]	-	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.051]	ND [0.052]	-	ND [0.055]	-	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.02]	ND [0.021]	-	ND [0.022]	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-TB03	OU5-TB04
					Sample ID:	11TAKU-B49-TB03	11FWA-B3004-TB04
					Lab Sample ID:	28262-7	G1H170431003
					Matrix:	SO	SO
					Sample Date/Time:	8/24/2011 0800	8/15/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	-	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	-	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	-	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	-	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	-	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	-	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	-	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	-	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	-	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	0.88 [4] J	ND [1]
AK102	-	Diesel Range Organics	mg/kg	250	-	-	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	-	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	-	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	-	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	-	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	-	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	-	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	-	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	-	-
SW8015B	107-21-1	Ethylene glycol	mg/kg	190	-	-	-
SW8015B	57-55-6	Propylene glycol	mg/kg	-	-	-	-
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	-	-
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	-	-
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	-	-
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	-	-
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	-	-
SW8081	319-86-8	delta-BHC	mg/kg	-	-	-	-
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	-	-
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	-	-
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	-	-
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	-	-
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	-	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	-	-
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	-	-
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	-	-
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	-	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-TB03	OU5-TB04
					Sample ID:	11TAKU-B49-TB03	11FWA-B3004-TB04
					Lab Sample ID:	28262-7	G1H170431003
					Matrix:	SO	SO
					Sample Date/Time:	8/24/2011 0800	8/15/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	-	-
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	-	-
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	-	-
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	-	-
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	-	-
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	-	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	-	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	-	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	-	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	-	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	-	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	-	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	-	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	-	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	-	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	-	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	-	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	-	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.03]	ND [0.0066]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.03]	ND [0.0011]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.01]	ND [0.0041]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.01]	ND [0.0028]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.03]	ND [0.0047]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.03]	ND [0.0031]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.03]	ND [0.0028]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.03]	ND [0.0022]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.03] E*	*ND [0.0054] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.03] E*	ND [0.0047]
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.15]	ND [0.0031]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.03]	ND [0.005]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.03]	ND [0.0035]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.03]	ND [0.0056]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.03]	ND [0.0045]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.03]	ND [0.0044]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.03]	ND [0.0035]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	ND [0.03]	ND [0.0033]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.015]	ND [0.0042]

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-TB03	OU5-TB04
					Sample ID:	11TAKU-B49-TB03	11FWA-B3004-TB04
					Lab Sample ID:	28262-7	G1H170431003
					Matrix:	SO	SO
					Sample Date/Time:	8/24/2011 0800	8/15/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.03]	ND [0.0024]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.03]	ND [0.0023]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.03]	ND [0.0082]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.03]	ND [0.0062]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.03]	ND [0.0036]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.03]	ND [0.0033]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.015]	ND [0.0035]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.03]	ND [0.0043]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.15]	ND [0.0068]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.03]	ND [0.0043]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.03]	ND [0.0059]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.3]	ND [0.05]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.03]	ND [0.0026]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.01]	ND [0.0033]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.03]	ND [0.0037]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.1]	ND [0.012]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.3] E*	ND [0.0025]
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.03]	ND [0.0065]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.03]	ND [0.0073]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.3]	ND [0.0066]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.005]	ND [0.0043]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.03] E*	0.025 [0.05] J
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.03]	ND [0.0035]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.03]	ND [0.011]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.03]	ND [0.005]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.03]	ND [0.0027]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.015]	ND [0.0047]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.03]	ND [0.0043]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.03]	ND [0.0051]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.03]	-
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.01]	ND [0.0047]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.3]	0.029 [0.1] J
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.0088]	ND [0.0034]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.01]	ND [0.012]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.0088]	ND [0.0032]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.03]	ND [0.0062]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.03]	ND [0.0051]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.03]	0.005 [0.05] J
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.03]	ND [0.0052]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.03]	ND [0.0036]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.03]	ND [0.0022]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.03]	ND [0.0035]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.15]	ND [0.0063]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.03] E*	0.0082 [0.05] J
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.03]	ND [0.0041]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.03]	ND [0.0017]

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-TB03	OU5-TB04
					Sample ID:	11TAKU-B49-TB03	11FWA-B3004-TB04
					Lab Sample ID:	28262-7	G1H170431003
					Matrix:	SO	SO
					Sample Date/Time:	8/24/2011 0800	8/15/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.03]	ND [0.0016]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	-	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	-	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	-	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	-	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	-	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	-	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	-	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	-	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	-	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	-	-
SW8270	108-95-2	Phenol	mg/kg	68	-	-	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	-	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	-	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	-	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	-	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	-	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	-	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	-	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	-	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	-	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	-	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	-	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	-	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	-	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	-	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	-	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	-	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	-	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	-	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	-	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	-	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	-	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	-	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	-	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	-	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	-	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	-	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	-	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	-	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	-	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	-	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	-	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	-	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-

Table B-1-2g
2011 Former Communications Site Construction Support - Area B49 Laboratory Results

					Location ID:	B49-TB03	OU5-TB04
					Sample ID:	11TAKU-B49-TB03	11FWA-B3004-TB04
					Lab Sample ID:	28262-7	G1H170431003
					Matrix:	SO	SO
					Sample Date/Time:	8/24/2011 0800	8/15/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Trip Blank	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	-	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	-	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	-	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	-	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	-	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	-	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	-	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	-	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	-	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	-	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	-	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	-	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	-	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	-	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	-	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	-	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	-	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	-	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	-	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	-	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	-	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	-	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	-	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	-	-
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	-	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C01	MW62-C02	MW62-C03	MW62-C04
					Sample ID:	11FWA-TAKU-SO05-C01	11FWA-TAKU-SO03-C02	11FWA-TAKU-SO03-C03	11FWA-TAKU-SO03-C04
					Lab Sample ID:	27099-1	27099-2	27099-3	27099-4
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1435	6/28/2011 1438	6/28/2011 1444	6/28/2011 1444
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	0.0024 [0.0061] J	0.042 [0.0057]	0.058 [0.0056] JD	0.033 [0.0057] JD
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	0.0046 [0.0061] J	0.1 [0.0057]	0.2 [0.0056] JD	0.083 [0.0057] JD
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	0.0084 [0.0061]	0.02 [0.0057]	0.061 [0.0056]	0.043 [0.0057]
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	0.0037 [0.0061] J	0.016 [0.0057]	0.052 [0.0056]	0.032 [0.0057]
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	0.0031 [0.0061] J	0.037 [0.0057]	0.13 [0.0056] JD	0.07 [0.0057] JD
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	0.0044 [0.0061] J	0.08 [0.0057]	0.25 [0.0056] JD	0.1 [0.0057] JD
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	0.002 [0.0061] J	0.02 [0.0057]	0.069 [0.0056] JD	0.033 [0.0057] JD
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.003]	ND [0.0028]	ND [0.0028]	ND [0.0028]
8270SIM	218-01-9	Chrysene	mg/kg	360	-	0.004 [0.0061] J	0.049 [0.0057]	0.14 [0.0056] JD	0.058 [0.0057] JD
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	0.0029 [0.0061] J	0.035 [0.0057]	0.1 [0.0056] JD	0.055 [0.0057] JD
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	0.0019 [0.0061] J	0.005 [0.0057] J	0.017 [0.0056]	0.011 [0.0057]
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	0.0022 [0.0061] J	0.041 [0.0057]	0.11 [0.0056] JD	0.054 [0.0057] JD
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.003]	0.014 [0.0057]	0.017 [0.0056] JD	0.0077 [0.0057] JD
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	0.0037 [0.0061] J	0.098 [0.0057]	0.22 [0.0056] JD	0.085 [0.0057] JD
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.003]	0.012 [0.0057]	0.024 [0.0056] JD	0.008 [0.0057] JD
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.003]	0.0057 [0.0057]	0.0053 [0.0056] J	0.0021 [0.0057] J
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.003]	0.0036 [0.0057] J	0.0081 [0.0056] JD	0.0048 [0.0057] J,JD
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.003]	0.0058 [0.0057]	0.0065 [0.0056] JD	0.003 [0.0057] J,JD
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.4]	ND [1.2]	ND [1.5] JM-	ND [1.2]
AK102	-	Diesel Range Organics	mg/kg	250	-	2.9 [24] J	10 [23] J	19 [22] J,JM-	7.5 [23] J
AK103	-	Residual Range Organics	mg/kg	10000*	-	46 [60] J, B	44 [57] J, B	53 [55] J, B	57 [57] B
SW6020	7439-92-1	Lead	mg/kg	400*	14	8.4 [0.2]	9.2 [0.14]	9.4 [0.18]	9.5 [0.21]
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.092 [0.2] J	0.1 [0.14] J	0.083 [0.18] J	0.083 [0.21] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**12 [0.49]**	**12 [0.36]**	**8.5 [0.44]**	**9.3 [0.51]**
SW6020	7440-39-3	Barium	mg/kg	1100	82	100 [0.2]	100 [0.14]	87 [0.18]	93 [0.21]
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.19 [0.2] J	0.21 [0.14]	0.21 [0.18]	0.21 [0.21]
SW6020	7440-47-3	Chromium	mg/kg	25	180000	18 [0.2]	19 [0.14]	15 [0.18]	17 [0.21]
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.28 [0.69] J	0.27 [0.51] J	0.22 [0.61] J	0.44 [0.72] J
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.044 [0.021]	0.026 [0.017]	0.024 [0.017]	0.021 [0.015]
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.00036]	ND [0.00035] JS-	ND [0.0032]	ND [0.0016]
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.00036]	ND [0.00035] JS-	ND [0.0032]	ND [0.0016]
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.00059]	ND [0.00058] JS-	ND [0.0054]	ND [0.0027]
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.00059]	ND [0.00058] JS-	ND [0.0054]	ND [0.0027]
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.00059]	ND [0.00058] JS-	ND [0.0054]	ND [0.0027]
SW8081	319-86-8	delta-BHC	mg/kg	-	-	ND [0.00036]	ND [0.00035] JS-	ND [0.0032]	ND [0.0016]
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.00059]	ND [0.00058] JS-	ND [0.0054]	ND [0.0027]
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	0.18 [0.0024]	0.32 [0.012]	1 [0.021]	0.92 [0.011]
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.00036]	ND [0.00035] JS-	ND [0.0032]	ND [0.0016]
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.00036]	ND [0.00035] JS-	ND [0.0032]	ND [0.0016]
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.00059]	ND [0.00058] JS-	ND [0.0054]	ND [0.0027]
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.00036]	ND [0.00035] JS-	ND [0.0032]	ND [0.0016]
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.00036]	ND [0.00035] JS-	ND [0.0032]	ND [0.0016]
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.00036]	ND [0.00035] JS-	ND [0.0032]	ND [0.0016]
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.00059]	ND [0.00058] JS-	ND [0.0054]	ND [0.0027]
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	0.0037 [0.0024]	0.0073 [0.0023] JS-	0.059 [0.021]	0.052 [0.011]
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	0.038 [0.0024]	0.055 [0.0023] JS-	0.22 [0.021]	0.18 [0.011]
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.00059]	ND [0.00058] JS-	ND [0.0054]	ND [0.0027]
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.00059]	ND [0.00058] JS-	ND [0.0054]	ND [0.0027]
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.059]	ND [0.058] JS-	ND [0.54]	ND [0.27]
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.00036]	ND [0.00035] JS-	ND [0.0032] JM-	ND [0.0016]
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	ND [0.0059]	ND [0.0058]	ND [0.0054]	ND [0.0053]

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C01	MW62-C02	MW62-C03	MW62-C04
					Sample ID:	11FWA-TAKU-SO05-C01	11FWA-TAKU-SO03-C02	11FWA-TAKU-SO03-C03	11FWA-TAKU-SO03-C04
					Lab Sample ID:	27099-1	27099-2	27099-3	27099-4
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1435	6/28/2011 1438	6/28/2011 1444	6/28/2011 1444
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	ND [0.0059]	ND [0.0058]	ND [0.0054]	ND [0.0053]
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	ND [0.0095]	ND [0.0092]	ND [0.0086]	ND [0.0085]
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	ND [0.0095]	ND [0.0092]	ND [0.0086]	ND [0.0085]
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	ND [0.0036]	ND [0.0035]	ND [0.0032]	ND [0.0032]
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	ND [0.0059]	ND [0.0058]	ND [0.0054]	ND [0.0053]
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	ND [0.0059]	ND [0.0058]	ND [0.0054]	ND [0.0053]
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0042]	ND [0.0039]	ND [0.0037]	ND [0.0038]
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0042]	ND [0.0039]	ND [0.0037]	ND [0.0038]
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0083]	ND [0.0077]	ND [0.0074] JM-	ND [0.0075]
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.017]	ND [0.015]	ND [0.015]	ND [0.015]
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0083]	ND [0.0077]	ND [0.0074]	ND [0.0075]
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0083]	ND [0.0077]	ND [0.0074]	ND [0.0075]
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0083]	ND [0.0077]	ND [0.0074]	ND [0.0075]
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0042]	ND [0.0039]	ND [0.0037]	ND [0.0038]
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0042]	ND [0.0039]	ND [0.0037]	ND [0.0038]
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0042]	ND [0.0039]	ND [0.0037]	ND [0.0038]
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0042]	ND [0.0039]	ND [0.0037]	ND [0.0038]
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0042]	ND [0.0039]	ND [0.0037]	ND [0.0038]
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.012]	ND [0.011]	ND [0.014]	ND [0.011]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.012]	ND [0.011]	ND [0.014]	ND [0.011]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.037] E*	*ND [0.034] E*	*ND [0.042] E*	*ND [0.034] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.037] E*	*ND [0.034] E*	*ND [0.042] E*	*ND [0.034] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.19]	ND [0.17]	ND [0.21]	ND [0.17]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.037] E*	*ND [0.034] E*	*ND [0.042] E*	*ND [0.034] E*
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.019]	ND [0.017]	ND [0.021]	ND [0.017]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.019]	ND [0.017]	ND [0.021]	ND [0.017]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.19]	ND [0.17]	ND [0.21]	ND [0.17]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.37]	ND [0.34]	ND [0.42]	ND [0.34]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.012]	0.013 [0.018] J	ND [0.014]	ND [0.011]

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C01	MW62-C02	MW62-C03	MW62-C04
					Sample ID:	11FWA-TAKU-SO05-C01	11FWA-TAKU-SO03-C02	11FWA-TAKU-SO03-C03	11FWA-TAKU-SO03-C04
					Lab Sample ID:	27099-1	27099-2	27099-3	27099-4
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1435	6/28/2011 1438	6/28/2011 1444	6/28/2011 1444
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.12]	ND [0.11]	ND [0.14]	ND [0.11]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.37] E*	*ND [0.34] E*	*ND [0.42] E*	*ND [0.34] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.37]	ND [0.34]	ND [0.42]	ND [0.34]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0062]	ND [0.0057]	ND [0.007]	ND [0.0056]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.037] E*	*ND [0.034] E*	*ND [0.042] E*	*ND [0.034] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.019]	ND [0.017]	ND [0.021]	ND [0.017]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.037]	ND [0.034]	ND [0.042]	0.014 [0.045] J,B
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.012]	ND [0.011]	ND [0.014]	ND [0.011]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.37]	ND [0.34]	ND [0.42]	ND [0.34]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.011]	ND [0.0099]	ND [0.012]	ND [0.0099]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.012]	ND [0.011]	ND [0.014]	ND [0.011]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.011]	ND [0.0099]	ND [0.012]	ND [0.0099]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.19]	ND [0.17]	ND [0.21]	ND [0.17]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.037] E*	*ND [0.034] E*	*ND [0.042] E*	*ND [0.034] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.037]	ND [0.034]	ND [0.042]	ND [0.034]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.61]	ND [0.57]	ND [0.56]	ND [0.57]
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	110-86-1	Pyridine	mg/kg	-	-	ND [0.61]	ND [0.57]	ND [0.56]	ND [0.57]
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.024] E*	*ND [0.023] E*	*ND [0.022] E*	*ND [0.023] E*
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.12]	ND [0.11]	ND [0.11]	ND [0.11]
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	0.043 [0.61] J	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	120-12-7	Anthracene	mg/kg	3000	-	0.0076 [0.024] J	0.034 [0.023]	0.056 [0.022] JD	0.026 [0.023] JD

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C01	MW62-C02	MW62-C03	MW62-C04
					Sample ID:	11FWA-TAKU-SO05-C01	11FWA-TAKU-SO03-C02	11FWA-TAKU-SO03-C03	11FWA-TAKU-SO03-C04
					Lab Sample ID:	27099-1	27099-2	27099-3	27099-4
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1435	6/28/2011 1438	6/28/2011 1444	6/28/2011 1444
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.024] E*	*ND [0.023] E*	*ND [0.022] E*	*ND [0.023] E*
SW8270	129-00-0	Pyrene	mg/kg	1000	-	0.011 [0.024] J	0.12 [0.023]	0.25 [0.022] JD	0.11 [0.023] JD
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	0.012 [0.12] J	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.012]	0.0073 [0.11] J	0.017 [0.11] J	0.0071 [0.11] J
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	0.018 [0.03] J, B	0.029 [0.028] B	0.077 [0.028]	0.051 [0.028]
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	0.015 [0.049] J	0.029 [0.046] J	0.067 [0.044]	0.047 [0.045]
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	0.014 [0.024] J	0.055 [0.023]	0.17 [0.022] JD	0.085 [0.023] JD
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	0.011 [0.024] J	0.098 [0.023]	0.28 [0.022] JD	0.13 [0.023] JD
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	0.014 [0.03] J	0.014 [0.028] J	0.06 [0.028] JD	0.035 [0.028] JD
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	218-01-9	Chrysene	mg/kg	360	-	0.012 [0.03] J, B	0.061 [0.028]	0.16 [0.028] JD	0.072 [0.028] JD
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.012]	0.052 [0.034]	0.13 [0.033] JD	0.066 [0.034] JD
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [0.61] E*	*ND [0.57] E*	*ND [0.56] E*	*ND [0.57] E*
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.3]	ND [0.28]	ND [0.28]	ND [0.28]
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	0.013 [0.049] J	0.015 [0.046] J	0.034 [0.044] J	0.02 [0.045] J
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	0.013 [0.024] J, B	0.058 [0.023]	0.16 [0.022] JD	0.064 [0.023] JD
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.024] E*	*ND [0.023] E*	*ND [0.022] E*	*ND [0.023] E*
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.024] E*	*ND [0.023] E*	*ND [0.022] E*	*ND [0.023] E*
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.61] E*	*ND [0.57] E*	*ND [0.56] E*	*ND [0.57] E*
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.2]	ND [1.1]	ND [1.1]	ND [1.1]
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.012]	0.019 [0.023] J	0.022 [0.022] JD	ND [0.011] JD
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.12]	ND [0.11]	ND [0.11]	ND [0.11]
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	0.011 [0.024] J	0.13 [0.023]	0.29 [0.022] JD	0.11 [0.023] JD
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.12]	ND [0.11]	ND [0.11]	ND [0.11]
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.012]	0.016 [0.023] J	0.032 [0.022]	0.01 [0.023] J
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	0.0096 [0.12] J	0.013 [0.11] J	0.043 [0.11] J	0.023 [0.11] J
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	**0.11 [0.24] J, B**	0.042 [0.23] J, B	0.042 [0.22] J, B	*ND [0.057] E*
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.012]	0.0068 [0.034] J	ND [0.011]	ND [0.011]
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.012]	0.008 [0.023] J	0.0081 [0.022] J	ND [0.011]
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.011]
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.049]	ND [0.046]	ND [0.044]	ND [0.045]
SW8270	92-87-5	Benzidine	mg/kg	-	-	ND [0.49] JL-	ND [0.46] JL-	ND [0.44] JL-, JM-	ND [0.45] JC-,JL-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C01	MW62-C02	MW62-C03	MW62-C04
					Sample ID:	11FWA-TAKU-SO05-C01	11FWA-TAKU-SO03-C02	11FWA-TAKU-SO03-C03	11FWA-TAKU-SO03-C04
					Lab Sample ID:	27099-1	27099-2	27099-3	27099-4
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1435	6/28/2011 1438	6/28/2011 1444	6/28/2011 1444
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.061]	ND [0.057]	ND [0.056]	ND [0.057]
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.024]	ND [0.023]	ND [0.022]	ND [0.023]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C05	MW62-C06	MW62-C07	TB
					Sample ID:	11FWA-TAKU-SO05-C05	11FWA-TAKU-SO03-C06	11FWA-TAKU-SO03-C07	11FWA-TAKU-SO-TB01
					Lab Sample ID:	27099-5	27099-6	27099-7	27099-8
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1447	6/28/2011 1456	6/28/2011 1500	6/28/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
8270SIM	120-12-7	Anthracene	mg/kg	3000	-	ND [0.0033]	0.0026 [0.0059] J	0.12 [0.0058]	-
8270SIM	129-00-0	Pyrene	mg/kg	1000	-	ND [0.0033]	0.013 [0.0059]	0.35 [0.0058]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.0033]	0.0056 [0.0059] J	0.085 [0.0058]	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.0033]	0.0046 [0.0059] J	0.073 [0.0058]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.0033]	0.01 [0.0059]	0.14 [0.0058]	-
8270SIM	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.0033]	0.015 [0.0059]	0.28 [0.0058]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.0033]	0.0048 [0.0059] J	0.079 [0.0058]	-
8270SIM	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.0033]	ND [0.0029]	ND [0.0029]	-
8270SIM	218-01-9	Chrysene	mg/kg	360	-	ND [0.0033]	0.0095 [0.0059]	0.19 [0.0058]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.0033]	0.0079 [0.0059]	0.15 [0.0058]	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.0033]	0.0025 [0.0059] J	0.02 [0.0058]	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.0033]	0.0074 [0.0059]	0.15 [0.0058]	-
8270SIM	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.0033]	ND [0.0029]	0.03 [0.0058]	-
8270SIM	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.0033]	0.011 [0.0059]	0.31 [0.0058]	-
8270SIM	86-73-7	Fluorene	mg/kg	220	-	ND [0.0033]	ND [0.0029]	0.03 [0.0058]	-
8270SIM	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.0033]	ND [0.0029]	0.012 [0.0058]	-
8270SIM	91-20-3	Naphthalene	mg/kg	20	-	ND [0.0033]	ND [0.0029]	0.0072 [0.0058]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.0033]	ND [0.0029]	0.012 [0.0058]	-
AK101	-	Gasoline Range Organics	mg/kg	300	-	ND [1.4]	ND [1.2]	ND [1.2]	3.5 [4] J
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [8.1]	2.4 [23] J	19 [23] J	-
AK103	-	Residual Range Organics	mg/kg	10000*	-	48 [66] J, B	41 [59] J, B	370 [59]	-
SW6020	7439-92-1	Lead	mg/kg	400*	14	12 [0.2]	8.4 [0.19]	13 [0.18]	-
SW6020	7440-22-4	Silver	mg/kg	11.2	-	0.063 [0.2] J	0.088 [0.19] J	0.29 [0.18]	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**16 [0.51]**	**10 [0.48]**	**13 [0.44]**	-
SW6020	7440-39-3	Barium	mg/kg	1100	82	110 [0.2]	86 [0.19]	100 [0.18]	-
SW6020	7440-43-9	Cadmium	mg/kg	5	0.38	0.12 [0.2] J	0.15 [0.19] J	0.18 [0.18]	-
SW6020	7440-47-3	Chromium	mg/kg	25	180000	**26 [0.2]**	18 [0.19]	19 [0.18]	-
SW6020	7782-49-2	Selenium	mg/kg	3.4	0.26	0.34 [0.71] J	0.26 [0.67] J	0.27 [0.62] J	-
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.036 [0.019]	**1.8 [0.36]**	0.024 [0.016]	-
SW8081	1024-57-3	Heptachlor epoxide	mg/kg	0.014	0.0041	ND [0.00038] JS-	ND [0.00034] JS-	ND [0.0017]	-
SW8081	1031-07-8	Endosulfan sulfate	mg/kg	-	-	ND [0.00038] JS-	ND [0.00034] JS-	ND [0.0017]	-
SW8081	309-00-2	Aldrin	mg/kg	0.07	-	ND [0.00063] JS-	ND [0.00056] JS-	ND [0.0029]	-
SW8081	319-84-6	alpha-BHC	mg/kg	0.0064	-	ND [0.00063] JS-	ND [0.00056] JS-	ND [0.0029]	-
SW8081	319-85-7	beta-BHC	mg/kg	0.022	-	ND [0.00063] JS-	ND [0.00056] JS-	ND [0.0029]	-
SW8081	319-86-8	delta-BHC	mg/kg	-	-	ND [0.00038] JS-	ND [0.00034] JS-	ND [0.0017]	-
SW8081	33213-65-9	Endosulfan II	mg/kg	-	-	ND [0.00063] JS-	ND [0.00056] JS-	ND [0.0029]	-
SW8081	50-29-3	4,4'-DDT	mg/kg	7.3	-	0.0054 [0.0025] JS-	0.13 [0.0023] JS-	0.49 [0.012]	-
SW8081	5103-71-9	alpha-Chlordane	mg/kg	2.3	-	ND [0.00038] JS-	ND [0.00034] JS-	ND [0.0017]	-
SW8081	5103-74-2	gamma-Chlordane	mg/kg	2.3	-	ND [0.00038] JS-	ND [0.00034] JS-	ND [0.0017]	-
SW8081	53494-70-5	Endrin ketone	mg/kg	-	-	ND [0.00063] JS-	ND [0.00056] JS-	ND [0.0029]	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/kg	0.0095	0.0012	ND [0.00038] JS-	ND [0.00034] JS-	ND [0.0017]	-
SW8081	60-57-1	Dieldrin	mg/kg	0.0076	-	ND [0.00038] JS-	ND [0.00034] JS-	ND [0.0017]	-
SW8081	72-20-8	Endrin	mg/kg	0.29	0.081	ND [0.00038] JS-	ND [0.00034] JS-	ND [0.0017]	-
SW8081	72-43-5	Methoxychlor	mg/kg	23	2.2	ND [0.00063] JS-	ND [0.00056] JS-	ND [0.0029]	-
SW8081	72-54-8	4,4'-DDD	mg/kg	7.2	-	ND [0.00038] JS-	0.022 [0.0023] JS-	0.025 [0.012]	-
SW8081	72-55-9	4,4'-DDE	mg/kg	5.1	-	0.0017 [0.0025] J, JS-	0.083 [0.0023] JS-	0.18 [0.012]	-
SW8081	7421-93-4	Endrin aldehyde	mg/kg	-	-	ND [0.00063] JS-	ND [0.00056] JS-	ND [0.0029]	-
SW8081	76-44-8	Heptachlor	mg/kg	0.28	0.033	ND [0.00063] JS-	ND [0.00056] JS-	ND [0.0029]	-
SW8081	8001-35-2	Toxaphene	mg/kg	3.9	0.46	ND [0.063] JS-	ND [0.056] JS-	ND [0.29]	-
SW8081	959-98-8	Endosulfan I	mg/kg	-	-	ND [0.00038] JS-	ND [0.00034] JS-	ND [0.0017]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	1*	-	ND [0.0063]	ND [0.0056]	ND [0.0058]	-

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C05	MW62-C06	MW62-C07	TB
					Sample ID:	11FWA-TAKU-SO05-C05	11FWA-TAKU-SO03-C06	11FWA-TAKU-SO03-C07	11FWA-TAKU-SO-TB01
					Lab Sample ID:	27099-5	27099-6	27099-7	27099-8
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1447	6/28/2011 1456	6/28/2011 1500	6/28/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	1*	-	ND [0.0063]	ND [0.0056]	ND [0.0058]	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	1*	-	ND [0.01]	ND [0.009]	ND [0.0092]	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	1*	-	ND [0.01]	ND [0.009]	ND [0.0092]	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	1*	-	ND [0.0038]	ND [0.0034]	ND [0.0035]	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	1*	-	ND [0.0063]	ND [0.0056]	ND [0.0058]	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	1*	-	ND [0.0063]	ND [0.0056]	ND [0.0058]	-
SW8151A	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.0044]	ND [0.0039]	ND [0.0039]	-
SW8151A	120-36-5	Dichlorprop	mg/kg	-	-	ND [0.0044]	ND [0.0039]	ND [0.0039]	-
SW8151A	1918-00-9	Dicamba	mg/kg	-	-	ND [0.0087]	ND [0.0078]	ND [0.0078]	-
SW8151A	75-99-0	Dalapon	mg/kg	-	0.041	ND [0.017]	ND [0.016]	ND [0.016]	-
SW8151A	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	ND [0.0087]	ND [0.0078]	ND [0.0078]	-
SW8151A	88-85-7	Dinoseb	mg/kg	-	0.062	ND [0.0087]	ND [0.0078]	ND [0.0078]	-
SW8151A	93-65-2	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	-	ND [0.0087]	ND [0.0078]	ND [0.0078]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/kg	0.19	0.028	ND [0.0044]	ND [0.0039]	ND [0.0039]	-
SW8151A	93-76-5	2,4,5-T	mg/kg	-	-	ND [0.0044]	ND [0.0039]	ND [0.0039]	-
SW8151A	94-74-6	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	-	ND [0.0044]	ND [0.0039]	ND [0.0039]	-
SW8151A	94-75-7	2,4-D	mg/kg	0.21	0.018	ND [0.0044]	ND [0.0039]	ND [0.0039]	-
SW8151A	94-82-6	2,4-DB	mg/kg	-	-	ND [0.0044]	ND [0.0039]	ND [0.0039]	-
SW8260	100-41-4	Ethylbenzene	mg/kg	6.9	0.78	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	100-42-5	Styrene	mg/kg	0.96	0.11	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/kg	-	-	ND [0.013]	ND [0.011]	ND [0.011]	ND [0.01]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/kg	-	-	ND [0.013]	ND [0.011]	ND [0.011]	ND [0.01]
SW8260	103-65-1	n-Propylbenzene	mg/kg	15	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	104-51-8	n-Butylbenzene	mg/kg	15	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	106-43-4	4-Chlorotoluene	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	106-93-4	1,2-Dibromoethane	mg/kg	0.00016	0.000014	*ND [0.038] E*	*ND [0.034] E*	*ND [0.034] E*	*ND [0.03] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/kg	0.016	0.0014	*ND [0.038] E*	*ND [0.034] E*	*ND [0.034] E*	*ND [0.03] E*
SW8260	108-10-1	4-Methyl-2-pentanone	mg/kg	8.1	-	ND [0.19]	ND [0.17]	ND [0.17]	ND [0.15]
SW8260	108-38-2	Xylene, Isomers m & p	mg/kg	63	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/kg	23	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	108-86-1	Bromobenzene	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	108-88-3	Toluene	mg/kg	6.5	0.69	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	108-90-7	Chlorobenzene	mg/kg	0.63	0.068	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	124-48-1	Dibromochloromethane	mg/kg	0.032	0.021	*ND [0.038] E*	*ND [0.034] E*	*ND [0.034] E*	ND [0.03]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/kg	0.024	0.0023	ND [0.019]	ND [0.017]	ND [0.017]	ND [0.015]
SW8260	135-98-8	sec-Butylbenzene	mg/kg	12	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	142-28-9	1,3-Dichloropropane	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/kg	0.24	0.021	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/kg	0.37	0.029	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/kg	1.3	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	56-23-5	Carbon tetrachloride	mg/kg	0.023	0.0019	ND [0.019]	ND [0.017]	ND [0.017]	ND [0.015]
SW8260	563-58-6	1,1-Dichloropropene	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	591-78-6	2-Hexanone	mg/kg	-	-	ND [0.19]	ND [0.17]	ND [0.17]	ND [0.15]
SW8260	594-20-7	2,2-Dichloropropane	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	67-64-1	Acetone	mg/kg	88	-	ND [0.38]	ND [0.34]	ND [0.34]	ND [0.3]
SW8260	67-66-3	Chloroform	mg/kg	0.46	0.022	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.013]	ND [0.011]	ND [0.011]	ND [0.01]

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C05	MW62-C06	MW62-C07	TB
					Sample ID:	11FWA-TAKU-SO05-C05	11FWA-TAKU-SO03-C06	11FWA-TAKU-SO03-C07	11FWA-TAKU-SO-TB01
					Lab Sample ID:	27099-5	27099-6	27099-7	27099-8
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1447	6/28/2011 1456	6/28/2011 1500	6/28/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
SW8260	71-55-6	1,1,1-Trichloroethane	mg/kg	0.82	0.07	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	74-83-9	Bromomethane	mg/kg	0.16	-	ND [0.13]	ND [0.11]	ND [0.11]	ND [0.1]
SW8260	74-87-3	Chloromethane	mg/kg	0.21	-	*ND [0.38] E*	*ND [0.34] E*	*ND [0.34] E*	*ND [0.3] E*
SW8260	74-95-3	Dibromomethane	mg/kg	1.1	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	74-97-5	Bromochloromethane	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	75-00-3	Chloroethane	mg/kg	23	-	ND [0.38]	ND [0.34]	ND [0.34]	ND [0.3]
SW8260	75-01-4	Vinyl chloride	mg/kg	0.0085	0.00069	ND [0.0063]	ND [0.0056]	ND [0.0056]	ND [0.005]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.038] E*	*ND [0.034] E*	*ND [0.034] E*	*ND [0.03] E*
SW8260	75-15-0	Carbon disulfide	mg/kg	12	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	75-25-2	Bromoform	mg/kg	0.34	0.021	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	75-27-4	Bromodichloromethane	mg/kg	0.044	0.022	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	75-34-3	1,1-Dichloroethane	mg/kg	25	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.019]	ND [0.017]	ND [0.017]	ND [0.015]
SW8260	75-69-4	Trichlorofluoromethane	mg/kg	86	-	ND [0.038]	ND [0.034]	ND [0.034]	0.043 [0.04]
SW8260	75-71-8	Dichlorodifluoromethane	mg/kg	140	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	750	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.013]	ND [0.011]	ND [0.011]	ND [0.01]
SW8260	78-93-3	2-Butanone	mg/kg	59	-	ND [0.38]	ND [0.34]	ND [0.34]	ND [0.3]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/kg	0.018	0.0016	ND [0.011]	ND [0.0099]	ND [0.0099]	ND [0.0088]
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.013]	ND [0.011]	ND [0.011]	ND [0.01]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.017	-	ND [0.011]	ND [0.0099]	ND [0.0099]	ND [0.0088]
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	91-20-3	Naphthalene	mg/kg	20	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	95-47-6	o-Xylene	mg/kg	63	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	95-49-8	2-Chlorotoluene	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/kg	23	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	-	0.000086	ND [0.19]	ND [0.17]	ND [0.17]	ND [0.15]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/kg	0.00053	-	*ND [0.038] E*	*ND [0.034] E*	*ND [0.034] E*	*ND [0.03] E*
SW8260	98-06-6	tert-Butylbenzene	mg/kg	12	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	98-82-8	Isopropylbenzene	mg/kg	51	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8260	99-87-6	4-Isopropyltoluene	mg/kg	-	-	ND [0.038]	ND [0.034]	ND [0.034]	ND [0.03]
SW8270	100-01-6	4-Nitroaniline	mg/kg	-	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	100-02-7	4-Nitrophenol	mg/kg	-	-	ND [0.65]	ND [0.59]	ND [0.58]	-
SW8270	100-51-6	Benzyl alcohol	mg/kg	-	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/kg	-	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	103-33-3	Azobenzene	mg/kg	-	-	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	105-67-9	2,4-Dimethylphenol	mg/kg	8.8	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/kg	1.5	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/kg	0.64	0.72	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	106-47-8	4-Chloroaniline	mg/kg	0.057	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	-	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	108-95-2	Phenol	mg/kg	68	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	110-86-1	Pyridine	mg/kg	-	-	ND [0.65]	ND [0.59]	ND [0.58]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/kg	0.0022	-	*ND [0.026] E*	*ND [0.024] E*	*ND [0.023] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/kg	-	-	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/kg	13	1.4	ND [0.13]	ND [0.12]	ND [0.12]	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/kg	3100*	-	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	118-74-1	Hexachlorobenzene	mg/kg	0.047	0.013	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	120-12-7	Anthracene	mg/kg	3000	-	ND [0.013]	ND [0.012]	0.087 [0.023]	-

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C05	MW62-C06	MW62-C07	TB
					Sample ID:	11FWA-TAKU-SO05-C05	11FWA-TAKU-SO03-C06	11FWA-TAKU-SO03-C07	11FWA-TAKU-SO-TB01
					Lab Sample ID:	27099-5	27099-6	27099-7	27099-8
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1447	6/28/2011 1456	6/28/2011 1500	6/28/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	120-83-2	2,4-Dichlorophenol	mg/kg	1.3	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/kg	0.0093	-	*ND [0.026] E*	*ND [0.024] E*	*ND [0.023] E*	-
SW8270	129-00-0	Pyrene	mg/kg	1000	-	ND [0.013]	0.02 [0.024] J	0.4 [0.023]	-
SW8270	131-11-3	Dimethyl phthalate	mg/kg	1100	-	ND [0.013]	0.0078 [0.12] J	ND [0.012]	-
SW8270	132-64-9	Dibenzofuran	mg/kg	11	-	ND [0.013]	ND [0.012]	0.0096 [0.12] J	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/kg	1400*	-	ND [0.013]	0.0082 [0.029] J, B	0.11 [0.029]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	4.9*	-	ND [0.013]	0.0087 [0.047] J	0.091 [0.046]	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/kg	4.9*	-	ND [0.013]	0.014 [0.024] J	0.22 [0.023]	-
SW8270	206-44-0	Fluoranthene	mg/kg	1400	-	ND [0.013]	0.019 [0.024] J	0.3 [0.023]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/kg	49*	-	ND [0.013]	0.0095 [0.029] J	0.057 [0.029]	-
SW8270	208-96-8	Acenaphthylene	mg/kg	180	-	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	218-01-9	Chrysene	mg/kg	360	-	ND [0.013]	0.011 [0.029] J, B	0.2 [0.029]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/kg	0.49*	0.24	ND [0.013]	0.012 [0.035] J	0.18 [0.035]	-
SW8270	51-28-5	2,4-Dinitrophenol	mg/kg	0.54	-	*ND [0.65] E*	*ND [0.59] E*	*ND [0.58] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitrophenol	mg/kg	-	-	ND [0.33]	ND [0.29]	ND [0.29]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.49*	-	ND [0.013]	ND [0.012]	0.038 [0.046] J	-
SW8270	541-73-1	1,3-Dichlorobenzene	mg/kg	28	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/kg	3.6	-	ND [0.013]	0.015 [0.024] J, B	0.19 [0.023]	-
SW8270	59-50-7	4-Chloro-3-methylphenol	mg/kg	-	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/kg	0.0094	-	*ND [0.026] E*	*ND [0.024] E*	*ND [0.023] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/kg	0.0011	-	*ND [0.026] E*	*ND [0.024] E*	*ND [0.023] E*	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/kg	0.000053	-	*ND [0.65] E*	*ND [0.59] E*	*ND [0.58] E*	-
SW8270	65-85-0	Benzoic acid	mg/kg	410	-	ND [1.3]	ND [1.2]	ND [1.2]	-
SW8270	67-72-1	Hexachloroethane	mg/kg	0.21	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ether	mg/kg	-	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	77-47-4	Hexachlorocyclopentadiene	mg/kg	1.3	0.16	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	78-59-1	Isophorone	mg/kg	3.1	-	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	83-32-9	Acenaphthene	mg/kg	180	-	ND [0.013]	ND [0.012]	0.032 [0.023]	-
SW8270	84-66-2	Diethyl phthalate	mg/kg	130	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/kg	80	-	ND [0.13]	ND [0.12]	ND [0.12]	-
SW8270	85-01-8	Phenanthrene	mg/kg	3000	-	ND [0.013]	ND [0.012]	0.37 [0.023]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/kg	920	-	ND [0.13]	ND [0.12]	ND [0.12]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/kg	15	-	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	86-73-7	Fluorene	mg/kg	220	-	ND [0.013]	ND [0.012]	0.033 [0.023]	-
SW8270	86-74-8	Carbazole	mg/kg	6.5	-	ND [0.013]	ND [0.012]	0.027 [0.12] J	-
SW8270	87-68-3	Hexachlorobutadiene	mg/kg	0.12	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	0.029 [0.26] J, B	*ND [0.059] E*	*ND [0.058] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/kg	1.4	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	88-74-4	2-Nitroaniline	mg/kg	-	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	88-75-5	2-Nitrophenol	mg/kg	-	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	90-12-0	1-Methylnaphthalene	mg/kg	6.2	-	ND [0.013]	ND [0.012]	0.011 [0.035] J	-
SW8270	91-20-3	Naphthalene	mg/kg	20	-	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/kg	6.1	-	ND [0.013]	ND [0.012]	0.013 [0.023] J	-
SW8270	91-58-7	2-Chloronaphthalene	mg/kg	120	-	ND [0.013]	ND [0.012]	ND [0.012]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/kg	0.19	-	ND [0.052]	ND [0.047]	ND [0.046]	-
SW8270	92-87-5	Benzidine	mg/kg	-	-	ND [0.52] JC-,JL-	ND [0.47] JC-,JL-	ND [0.46] JC-,JL-	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/kg	15	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/kg	5.1	0.58	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	95-57-8	2-Chlorophenol	mg/kg	1.5	-	ND [0.026]	ND [0.024]	ND [0.023]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/kg	67	-	ND [0.026]	ND [0.024]	ND [0.023]	-

Table B-1-2h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) Laboratory Results

					Location ID:	MW62-C05	MW62-C06	MW62-C07	TB
					Sample ID:	11FWA-TAKU-SO05-C05	11FWA-TAKU-SO03-C06	11FWA-TAKU-SO03-C07	11FWA-TAKU-SO-TB01
					Lab Sample ID:	27099-5	27099-6	27099-7	27099-8
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1447	6/28/2011 1456	6/28/2011 1500	6/28/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
SW8270	98-95-3	Nitrobenzene	mg/kg	0.094	-	ND [0.065]	ND [0.059]	ND [0.058]	-
SW8270	99-09-2	3-Nitroaniline	mg/kg	-	-	ND [0.026]	ND [0.024]	ND [0.023]	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2i
2011 Former Communications Site Construction Support - Sewage Lift Station Laboratory Results

					Location ID:	Sewage LS	Sewage LS	Sewage LS	TB05
					Sample ID:	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWATB05-GWS
					Lab Sample ID:	580-27548-1	580-27548-1	580-27548-1	580-27574-1
					Matrix:	WX	WX	WX	WG
					Sample Date/Time:	7/21/2011 1340	7/21/2011 1340	7/21/2011 1340	7/20/2011 0800
					Lab ID:	TADC	TASG	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Criteria[1]**	**EPA Criteria[2]**				
8270SIM	120-12-7	Anthracene	mg/L	11	-	-	-	ND [0.00075]	-
8270SIM	129-00-0	Pyrene	mg/L	1.1	-	-	-	0.0033 [0.001]	-
8270SIM	191-24-2	Benzo(g,h,i)perylene	mg/L	1.1	-	-	-	ND [0.00075]	-
8270SIM	193-39-5	Indeno(1,2,3-cd)pyrene	mg/L	0.0012	-	-	-	ND [0.00075]	-
8270SIM	205-99-2	Benzo(b)fluoranthene	mg/L	0.0012	-	-	-	ND [0.00075]	-
8270SIM	206-44-0	Fluoranthene	mg/L	1.5	-	-	-	0.00037 [0.001]	-
8270SIM	207-08-9	Benzo(k)fluoranthene	mg/L	0.012	-	-	-	ND [0.00075]	-
8270SIM	208-96-8	Acenaphthylene	mg/L	2.2	-	-	-	ND [0.00075]	-
8270SIM	218-01-9	Chrysene	mg/L	0.12	-	-	-	ND [0.00075]	-
8270SIM	50-32-8	Benzo(a)pyrene	mg/L	0.0002	-	-	-	*ND [0.00075] E*	-
8270SIM	53-70-3	Dibenzo(a,h)anthracene	mg/L	0.00012	-	-	-	*ND [0.00075] E*	-
8270SIM	56-55-3	Benzo(a)anthracene	mg/L	0.0012	-	-	-	ND [0.00075]	-
8270SIM	83-32-9	Acenaphthene	mg/L	2.2	-	-	-	ND [0.00075]	-
8270SIM	85-01-8	Phenanthrene	mg/L	11	-	-	-	ND [0.00075]	-
8270SIM	86-73-7	Fluorene	mg/L	1.5	-	-	-	ND [0.00075]	-
8270SIM	91-20-3	Naphthalene	mg/L	0.73	-	-	-	ND [0.00075]	-
8270SIM	91-57-6	2-Methylnaphthalene	mg/L	0.15	-	-	-	0.0013 [0.0013]	-
AK101	-	Gasoline Range Organics	mg/L	2.2	-	-	-	**40 [2.5]**	ND [0.044]
AK102	-	Diesel Range Organics	mg/L	1.5	-	-	-	**330 [25]**	-
AK103	-	Residual Range Organics	mg/L	1.1	-	-	-	**2.3 [4.9]**	-
SW6010B	7429-90-5	Aluminum	mg/L	-	-	-	-	ND [0.31]	-
SW6010B	7439-89-6	Iron	mg/L	-	-	-	-	1.4 [0.2]	-
SW6010B	7439-95-4	Magnesium	mg/L	-	-	-	-	2.2 [1.1] JM-	-
SW6010B	7440-09-7	Potassium	mg/L	-	-	-	-	660 [330]	-
SW6010B	7440-23-5	Sodium	mg/L	-	-	-	-	11 [2]	-
SW6010B	7440-42-8	Boron	mg/L	-	-	-	-	0.69 [2.5]	-
SW6010B	7440-70-2	Calcium	mg/L	-	-	-	-	22 [1.1]	-
SW6020	7439-92-1	Lead	mg/L	0.015	0.015	-	-	0.0045 [0.002]	-
SW6020	7439-96-5	Manganese	mg/L	-	-	-	-	0.13 [0.002]	-
SW6020	7440-02-0	Nickel	mg/L	0.1	-	-	-	0.007 [0.015]	-
SW6020	7440-22-4	Silver	mg/L	0.1	-	-	-	0.00015 [0.002]	-
SW6020	7440-28-0	Thallium	mg/L	0.002	-	-	-	ND [0.0014]	-
SW6020	7440-36-0	Antimony	mg/L	0.006	-	-	-	**0.018 [0.002]**	-
SW6020	7440-38-2	Arsenic	mg/L	0.01	0.01	-	-	**0.056 [0.005]**	-
SW6020	7440-39-3	Barium	mg/L	2	2	-	-	0.028 [0.006]	-
SW6020	7440-41-7	Beryllium	mg/L	0.004	-	-	-	ND [0.00051]	-
SW6020	7440-43-9	Cadmium	mg/L	0.005	0.005	-	-	0.00021 [0.002]	-
SW6020	7440-47-3	Chromium	mg/L	0.1	0.1	-	-	0.0025 [0.002]	-
SW6020	7440-48-4	Cobalt	mg/L	-	-	-	-	0.0011 [0.002]	-
SW6020	7440-50-8	Copper	mg/L	1	-	-	-	0.56 [0.005]	-
SW6020	7440-62-2	Vanadium	mg/L	0.26	-	-	-	0.0076 [0.01]	-
SW6020	7440-66-6	Zinc	mg/L	5	-	-	-	0.045 [0.007]	-
SW6020	7782-49-2	Selenium	mg/L	0.05	0.05	-	-	0.041 [0.005]	-
SW7470A	7439-97-6	Mercury	mg/L	0.002	0.002	-	-	ND [0.000041] JM-	-
SW8015C	107-21-1	Ethylene glyco	mg/L	73	-	-	*ND [3000] JH, E*	-	-
SW8015C	57-55-6	Propylene glycol	mg/L	-	-	-	140000 [10000] JH	-	-
SW8081	1024-57-3	Heptachlor epoxide	mg/L	0.0002	-	-	-	ND [0.0000005]	-
SW8081	1031-07-8	Endosulfan sulfate	mg/L	-	-	-	-	ND [0.0000005]	-

Table B-1-2i
2011 Former Communications Site Construction Support - Sewage Lift Station Laboratory Results

					Location ID:	Sewage LS	Sewage LS	Sewage LS	TB05
					Sample ID:	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWATB05-GWS
					Lab Sample ID:	580-27548-1	580-27548-1	580-27548-1	580-27574-1
					Matrix:	WX	WX	WX	WG
					Sample Date/Time:	7/21/2011 1340	7/21/2011 1340	7/21/2011 1340	7/20/2011 0800
					Lab ID:	TADC	TASG	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Criteria[1]**	**EPA Criteria[2]**				
SW8081	309-00-2	Aldrin	mg/L	0.00005	-	-	-	ND [0.0000005]	-
SW8081	319-84-6	alpha-BHC	mg/L	0.00014	-	-	-	ND [0.0000005]	-
SW8081	319-85-7	beta-BHC	mg/L	0.00047	-	-	-	ND [0.0000005]	-
SW8081	319-86-8	delta-BHC	mg/L	-	-	-	-	ND [0.0000005]	-
SW8081	33213-65-9	Endosulfan II	mg/L	-	-	-	-	0.000024 [0.000019]	-
SW8081	50-29-3	4,4'-DDT	mg/L	0.0025	-	-	-	0.000019 [0.000019]	-
SW8081	5103-71-9	alpha-Chlordane	mg/L	0.002	-	-	-	ND [0.0000005]	-
SW8081	5103-74-2	gamma-Chlordane	mg/L	0.002	-	-	-	ND [0.0000005]	-
SW8081	53494-70-5	Endrin ketone	mg/L	-	-	-	-	ND [0.0000005]	-
SW8081	58-89-9	gamma-BHC (Lindane)	mg/L	0.0002	-	-	-	0.00002 [0.0000095]	-
SW8081	60-57-1	Dieldrin	mg/L	0.000053	-	-	-	ND [0.0000005]	-
SW8081	72-20-8	Endrin	mg/L	0.002	-	-	-	ND [0.0000005]	-
SW8081	72-43-5	Methoxychlor	mg/L	0.04	-	-	-	ND [0.0000005]	-
SW8081	72-54-8	4,4'-DDD	mg/L	0.0035	-	-	-	ND [0.0000005]	-
SW8081	72-55-9	4,4'-DDE	mg/L	0.0025	-	-	-	ND [0.0000005]	-
SW8081	7421-93-4	Endrin aldehyde	mg/L	-	-	-	-	ND [0.0000005]	-
SW8081	76-44-8	Heptachlor	mg/L	0.0004	-	-	-	0.00011 [0.0000095]	-
SW8081	8001-35-2	Toxaphene	mg/L	0.003	-	-	-	ND [0.000048]	-
SW8081	959-98-8	Endosulfan I	mg/L	-	-	-	-	ND [0.0000005]	-
SW8082	11096-82-5	PCB-1260 (Aroclor 1260)	mg/L	0.0005	-	-	-	ND [0.000076] JS-	-
SW8082	11097-69-1	PCB-1254 (Aroclor 1254)	mg/L	0.0005	-	-	-	ND [0.000057] JS-	-
SW8082	11104-28-2	PCB-1221 (Aroclor 1221)	mg/L	0.0005	-	-	-	ND [0.000059] JS-	-
SW8082	11141-16-5	PCB-1232 (Aroclor 1232)	mg/L	0.0005	-	-	-	ND [0.000048] JS-	-
SW8082	12672-29-6	PCB-1248 (Aroclor 1248)	mg/L	0.0005	-	-	-	ND [0.000057] JS-	-
SW8082	12674-11-2	PCB-1016 (Aroclor 1016)	mg/L	0.0005	-	-	-	ND [0.000076] JS-	-
SW8082	53469-21-9	PCB-1242 (Aroclor 1242)	mg/L	0.0005	-	-	-	ND [0.000057] JS-	-
SW8151A	100-02-7	4-Nitrophenol	mg/L	-	-	-	-	ND [0.0001]	-
SW8151A	120-36-5	Dichlorprop	mg/L	-	-	-	-	ND [0.0001]	-
SW8151A	1918-00-9	Dicamba	mg/L	-	-	-	-	ND [0.0001]	-
SW8151A	75-99-0	Dalapon	mg/L	-	-	-	-	ND [0.0001]	-
SW8151A	88-85-7	Dinoseb	mg/L	-	-	-	-	ND [0.0001]	-
SW8151A	93-72-1	2,4,5-TP (Silvex)	mg/L	0.05	-	-	-	ND [0.0001]	-
SW8151A	93-76-5	2,4,5-T	mg/L	-	-	-	-	ND [0.0001]	-
SW8151A	94-75-7	2,4-D	mg/L	0.07	-	-	-	ND [0.000051]	-
SW8151A	94-82-6	2,4-DB	mg/L	-	-	-	-	ND [0.000051]	-
SW8260	100-41-4	Ethylbenzene	mg/L	0.7	0.07	-	-	0.004 [0.001]	ND [0.00045]
SW8260	100-42-5	Styrene	mg/L	0.1	0.1	-	-	ND [0.00045]	ND [0.00045]
SW8260	10061-01-5	cis-1,3-Dichloropropene	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	10061-02-6	trans-1,3-Dichloropropene	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	103-65-1	n-Propylbenzene	mg/L	0.37	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	104-51-8	n-Butylbenzene	mg/L	0.37	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	106-43-4	4-Chlorotoluene	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	106-46-7	1,4-Dichlorobenzene	mg/L	0.075	0.075	-	-	ND [0.00045]	ND [0.00045]
SW8260	106-93-4	1,2-Dibromoethane	mg/L	0.00005	0.00005	-	-	*ND [0.0009] E*	*ND [0.0009] E*
SW8260	107-06-2	1,2-Dichloroethane	mg/L	0.005	0.005	-	-	ND [0.00045]	ND [0.00045]
SW8260	108-10-1	4-Methyl-2-pentanone	mg/L	2.9	-	-	-	0.00085 [0.005]	ND [0.0023]
SW8260	108-38-2	Xylene, Isomers m & p	mg/L	10	-	-	-	0.018 [0.002]	ND [0.0009]
SW8260	108-67-8	1,3,5-Trimethylbenzene	mg/L	1.8	-	-	-	ND [0.00045]	ND [0.00045]

Table B-1-2i
2011 Former Communications Site Construction Support - Sewage Lift Station Laboratory Results

					Location ID:	Sewage LS	Sewage LS	Sewage LS	TB05
					Sample ID:	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWATB05-GWS
					Lab Sample ID:	580-27548-1	580-27548-1	580-27548-1	580-27574-1
					Matrix:	WX	WX	WX	WG
					Sample Date/Time:	7/21/2011 1340	7/21/2011 1340	7/21/2011 1340	7/20/2011 0800
					Lab ID:	TADC	TASG	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Criteria[1]**	**EPA Criteria[2]**				
SW8260	108-86-1	Bromobenzene	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	108-88-3	Toluene	mg/L	1	1	-	-	0.0015 [0.001]	ND [0.00045]
SW8260	108-90-7	Chlorobenzene	mg/L	0.1	0.1	-	-	ND [0.00045]	ND [0.00045]
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/L	0.07	0.07	-	-	ND [0.00045]	ND [0.00045]
SW8260	124-48-1	Dibromochloromethane	mg/L	0.01	0.08	-	-	ND [0.0009]	ND [0.0009]
SW8260	127-18-4	Tetrachloroethene (PCE)	mg/L	0.005	0.005	-	-	0.0021 [0.001]	ND [0.00045]
SW8260	135-98-8	sec-Butylbenzene	mg/L	0.37	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	142-28-9	1,3-Dichloropropane	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	156-59-2	cis-1,2-Dichloroethene	mg/L	0.07	0.07	-	-	ND [0.00045]	ND [0.00045]
SW8260	156-60-5	trans-1,2-Dichloroethene	mg/L	0.1	0.1	-	-	ND [0.00045]	ND [0.00045]
SW8260	1634-04-4	Methyl-tert-butyl ether (MTBE)	mg/L	0.47	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	541-73-1	1,3-Dichlorobenzene	mg/L	3.3	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	56-23-5	Carbon tetrachloride	mg/L	0.005	0.005	-	-	ND [0.00045]	ND [0.00045]
SW8260	563-58-6	1,1-Dichloropropene	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	591-78-6	2-Hexanone	mg/L	-	-	-	-	ND [0.0023]	ND [0.0023]
SW8260	594-20-7	2,2-Dichloropropane	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	630-20-6	1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	67-64-1	Acetone	mg/L	33	-	-	-	4.4 [0.1]	ND [0.0045]
SW8260	67-66-3	Chloroform	mg/L	0.14	0.08	-	-	0.0039 [0.001]	ND [0.00045]
SW8260	71-43-2	Benzene	mg/L	0.005	0.005	-	-	0.00026 [0.001]	ND [0.00045]
SW8260	71-55-6	1,1,1-Trichloroethane	mg/L	0.2	0.2	-	-	ND [0.00045]	ND [0.00045]
SW8260	74-83-9	Bromomethane	mg/L	0.051	-	-	-	ND [0.0023]	ND [0.0023]
SW8260	74-87-3	Chloromethane	mg/L	0.066	-	-	-	ND [0.0023]	ND [0.0023]
SW8260	74-95-3	Dibromomethane	mg/L	0.37	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	74-97-5	Bromochloromethane	mg/L	-	-	-	-	ND [0.0007]	ND [0.0007]
SW8260	75-00-3	Chloroethane	mg/L	0.29	-	-	-	ND [0.0023]	ND [0.0023]
SW8260	75-01-4	Vinyl chloride	mg/L	0.002	0.002	-	-	ND [0.00045]	ND [0.00045]
SW8260	75-09-2	Methylene chloride	mg/L	0.005	0.005	-	-	ND [0.00045]	**0.18 [0.003]**
SW8260	75-15-0	Carbon disulfide	mg/L	3.7	-	-	-	0.0004 [0.001]	ND [0.00045]
SW8260	75-25-2	Bromoform	mg/L	0.11	0.08	-	-	ND [0.00045]	ND [0.00045]
SW8260	75-27-4	Bromodichloromethane	mg/L	0.014	0.08	-	-	ND [0.00045]	ND [0.00045]
SW8260	75-34-3	1,1-Dichloroethane	mg/L	7.3	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	75-35-4	1,1-Dichloroethene	mg/L	0.007	0.007	-	-	ND [0.00045]	ND [0.00045]
SW8260	75-69-4	Trichlorofluoromethane	mg/L	11	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	75-71-8	Dichlorodifluoromethane	mg/L	7.3	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	78-87-5	1,2-Dichloropropane	mg/L	0.005	0.005	-	-	ND [0.00045]	ND [0.00045]
SW8260	78-93-3	2-Butanone	mg/L	22	-	-	-	0.035 [0.01]	0.0042 [0.01]
SW8260	79-00-5	1,1,2-Trichloroethane	mg/L	0.005	0.005	-	-	ND [0.00045]	ND [0.00045]
SW8260	79-01-6	Trichloroethene (TCE)	mg/L	0.005	0.005	-	-	ND [0.00045]	ND [0.00045]
SW8260	79-34-5	1,1,2,2-Tetrachloroethane	mg/L	0.0043	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	87-68-3	Hexachlorobutadiene	mg/L	0.0073	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	91-20-3	Naphthalene	mg/L	0.73	-	-	-	0.00023 [0.001]	ND [0.00045]
SW8260	95-47-6	o-Xylene	mg/L	10	-	-	-	0.0067 [0.001]	ND [0.00045]
SW8260	95-49-8	2-Chlorotoluene	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	95-50-1	1,2-Dichlorobenzene	mg/L	0.6	0.6	-	-	ND [0.00045]	ND [0.00045]
SW8260	95-63-6	1,2,4-Trimethylbenzene	mg/L	1.8	-	-	-	0.00029 [0.001]	ND [0.00045]
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/L	-	-	-	-	ND [0.0015]	ND [0.0015]
SW8260	96-18-4	1,2,3-Trichloropropane	mg/L	0.00012	-	-	-	*ND [0.00045] E*	*ND [0.00045] E*

Table B-1-2i
2011 Former Communications Site Construction Support - Sewage Lift Station Laboratory Results

					Location ID:	Sewage LS	Sewage LS	Sewage LS	TB05
					Sample ID:	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWATB05-GWS
					Lab Sample ID:	580-27548-1	580-27548-1	580-27548-1	580-27574-1
					Matrix:	WX	WX	WX	WG
					Sample Date/Time:	7/21/2011 1340	7/21/2011 1340	7/21/2011 1340	7/20/2011 0800
					Lab ID:	TADC	TASG	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Criteria[1]**	**EPA Criteria[2]**				
SW8260	98-06-6	tert-Butylbenzene	mg/L	0.37	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	98-82-8	Isopropylbenzene	mg/L	3.7	-	-	-	ND [0.00045]	ND [0.00045]
SW8260	99-87-6	4-Isopropyltoluene	mg/L	-	-	-	-	ND [0.00045]	ND [0.00045]
SW8260L	106-93-4	1,2-Dibromoethane	mg/L	0.00005	0.00005	-	-	ND [0.00005]	ND [0.00005]
SW8260L	107-06-2	1,2-Dichloroethane	mg/L	0.005	0.005	-	-	ND [0.00005]	ND [0.00005]
SW8260L	127-18-4	Tetrachloroethene (PCE)	mg/L	0.005	0.005	-	-	0.0024 [0.0005] JS+	ND [0.00005]
SW8260L	56-23-5	Carbon tetrachloride	mg/L	0.005	0.005	-	-	ND [0.00005]	ND [0.00005]
SW8260L	71-43-2	Benzene	mg/L	0.005	0.005	-	-	0.00024 [0.0005]	ND [0.00005]
SW8260L	75-01-4	Vinyl chloride	mg/L	0.002	0.002	-	-	0.00002 [0.0002]	ND [0.00002]
SW8260L	75-35-4	1,1-Dichloroethene	mg/L	0.007	0.007	-	-	ND [0.00006]	ND [0.00006]
SW8260L	79-01-6	Trichloroethene (TCE)	mg/L	0.005	0.005	-	-	ND [0.00005]	ND [0.00005]
SW8260L	79-34-5	1,1,2,2-Tetrachloroethane	mg/L	0.0043	-	-	-	ND [0.00005]	ND [0.00005]
SW8260L	96-18-4	1,2,3-Trichloropropane	mg/L	0.00012	-	-	-	ND [0.0001]	ND [0.0001]
SW8270	100-01-6	4-Nitroaniline	mg/L	-	-	-	-	ND [0.01]	-
SW8270	100-02-7	4-Nitrophenol	mg/L	-	-	-	-	ND [0.1]	-
SW8270	100-51-6	Benzyl alcoho	mg/L	-	-	-	-	ND [0.01]	-
SW8270	101-55-3	4-Bromophenyl phenyl ether	mg/L	-	-	-	-	ND [0.01]	-
SW8270	103-33-3	Azobenzene	mg/L	-	-	-	-	ND [0.01]	-
SW8270	105-67-9	2,4-Dimethylpheno	mg/L	0.73	-	-	-	ND [0.02]	-
SW8270	106-44-5	3-Methylphenol/4-Methylphenol Coelution	mg/L	0.18	-	-	-	ND [0.01]	-
SW8270	106-46-7	1,4-Dichlorobenzene	mg/L	0.075	0.075	-	-	ND [0.01]	-
SW8270	106-47-8	4-Chloroaniline	mg/L	0.016	-	-	-	ND [0.01]	-
SW8270	108-60-1	bis(2-Chloroisopropyl)ether	mg/L	-	-	-	-	ND [0.01]	-
SW8270	108-95-2	Phenol	mg/L	11	-	-	-	ND [0.01]	-
SW8270	111-44-4	bis-(2-Chloroethyl)ether	mg/L	0.00077	-	-	-	*ND [0.01] E*	-
SW8270	111-91-1	bis-(2-Chloroethoxy)methane	mg/L	-	-	-	-	ND [0.01]	-
SW8270	117-81-7	bis-(2-Ethylhexyl)phthalate	mg/L	0.006	0.006	-	-	*ND [0.1] E*	-
SW8270	117-84-0	Di-n-octyl phthalate	mg/L	1.5	-	-	-	ND [0.01]	-
SW8270	118-74-1	Hexachlorobenzene	mg/L	0.001	0.001	-	-	*ND [0.01] E*	-
SW8270	120-12-7	Anthracene	mg/L	11	-	-	-	ND [0.0015]	-
SW8270	120-82-1	1,2,4-Trichlorobenzene	mg/L	0.07	0.07	-	-	ND [0.01]	-
SW8270	120-83-2	2,4-Dichloropheno	mg/L	0.11	-	-	-	ND [0.01]	-
SW8270	121-14-2	2,4-Dinitrotoluene	mg/L	0.0013	-	-	-	*ND [0.01] E*	-
SW8270	129-00-0	Pyrene	mg/L	1.1	-	-	-	0.0016 [0.003]	-
SW8270	131-11-3	Dimethyl phthalate	mg/L	370	-	-	-	ND [0.01]	-
SW8270	132-64-9	Dibenzofuran	mg/L	0.073	-	-	-	ND [0.01]	-
SW8270	191-24-2	Benzo(g,h,i)perylene	mg/L	1.1	-	-	-	ND [0.0015]	-
SW8270	193-39-5	Indeno(1,2,3-cd)pyrene	mg/L	0.0012	-	-	-	*ND [0.0015] E*	-
SW8270	205-99-2	Benzo(b)fluoranthene	mg/L	0.0012	-	-	-	*ND [0.0015] E*	-
SW8270	206-44-0	Fluoranthene	mg/L	1.5	-	-	-	ND [0.0015]	-
SW8270	207-08-9	Benzo(k)fluoranthene	mg/L	0.012	-	-	-	ND [0.0015]	-
SW8270	208-96-8	Acenaphthylene	mg/L	2.2	-	-	-	ND [0.0015]	-
SW8270	218-01-9	Chrysene	mg/L	0.12	-	-	-	ND [0.0015]	-
SW8270	50-32-8	Benzo(a)pyrene	mg/L	0.0002	-	-	-	*ND [0.0015] E*	-
SW8270	51-28-5	2,4-Dinitropheno	mg/L	0.073	-	-	-	*ND [0.1] E*	-
SW8270	534-52-1	2-Methyl-4,6-dinitropheno	mg/L	-	-	-	-	ND [0.1]	-
SW8270	53-70-3	Dibenzo(a,h)anthracene	mg/L	0.00012	-	-	-	*ND [0.0015] E*	-

Table B-1-2i
2011 Former Communications Site Construction Support - Sewage Lift Station Laboratory Results

					Location ID:	Sewage LS	Sewage LS	Sewage LS	TB05
					Sample ID:	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWATB05-GWS
					Lab Sample ID:	580-27548-1	580-27548-1	580-27548-1	580-27574-1
					Matrix:	WX	WX	WX	WG
					Sample Date/Time:	7/21/2011 1340	7/21/2011 1340	7/21/2011 1340	7/20/2011 0800
					Lab ID:	TADC	TASG	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Criteria[1]**	**EPA Criteria[2]**				
SW8270	541-73-1	1,3-Dichlorobenzene	mg/L	3.3	-	-	-	ND [0.01]	-
SW8270	56-55-3	Benzo(a)anthracene	mg/L	0.0012	-	-	-	*ND [0.0015] E*	-
SW8270	59-50-7	4-Chloro-3-methylpheno	mg/L	-	-	-	-	ND [0.01]	-
SW8270	606-20-2	2,6-Dinitrotoluene	mg/L	0.0013	-	-	-	*ND [0.01] E*	-
SW8270	621-64-7	n-Nitrosodi-n-propylamine	mg/L	0.00012	-	-	-	*ND [0.01] E*	-
SW8270	62-75-9	n-Nitrosodimethylamine	mg/L	0.000017	-	-	-	*ND [0.025] E*	-
SW8270	65-85-0	Benzoic acid	mg/L	150	-	-	-	ND [0.05]	-
SW8270	67-72-1	Hexachloroethane	mg/L	0.04	-	-	-	ND [0.01]	-
SW8270	7005-72-3	4-Chlorophenyl phenyl ethe	mg/L	-	-	-	-	ND [0.01]	-
SW8270	78-59-1	Isophorone	mg/L	0.9	-	-	-	ND [0.01]	-
SW8270	83-32-9	Acenaphthene	mg/L	2.2	-	-	-	ND [0.0015]	-
SW8270	84-66-2	Diethyl phthalate	mg/L	29	-	-	-	ND [0.01]	-
SW8270	84-74-2	Di-n-butyl phthalate	mg/L	3.7	-	-	-	ND [0.01]	-
SW8270	85-01-8	Phenanthrene	mg/L	11	-	-	-	ND [0.0015]	-
SW8270	85-68-7	Benzyl butyl phthalate	mg/L	7.3	-	-	-	ND [0.01]	-
SW8270	86-30-6	n-Nitrosodiphenylamine	mg/L	0.17	-	-	-	ND [0.01]	-
SW8270	86-73-7	Fluorene	mg/L	1.5	-	-	-	ND [0.0015]	-
SW8270	86-74-8	Carbazole	mg/L	0.043	-	-	-	ND [0.01]	-
SW8270	87-68-3	Hexachlorobutadiene	mg/L	0.0073	-	-	-	*ND [0.01] E*	-
SW8270	87-86-5	Pentachloropheno	mg/L	0.001	0.001	-	-	*ND [0.01] E*	-
SW8270	88-06-2	2,4,6-Trichlorophenol	mg/L	0.077	-	-	-	ND [0.01]	-
SW8270	88-74-4	2-Nitroaniline	mg/L	-	-	-	-	ND [0.01]	-
SW8270	88-75-5	2-Nitrophenol	mg/L	-	-	-	-	ND [0.01]	-
SW8270	91-20-3	Naphthalene	mg/L	0.73	-	-	-	ND [0.01]	-
SW8270	91-57-6	2-Methylnaphthalene	mg/L	0.15	-	-	-	ND [0.0015]	-
SW8270	91-58-7	2-Chloronaphthalene	mg/L	2.9	-	-	-	ND [0.0015]	-
SW8270	91-94-1	3,3'-Dichlorobenzidine	mg/L	0.0019	-	-	-	*ND [0.01] E*	-
SW8270	95-48-7	2-Methylphenol (o-Cresol)	mg/L	1.8	-	-	-	ND [0.01]	-
SW8270	95-50-1	1,2-Dichlorobenzene	mg/L	0.6	0.6	-	-	ND [0.01]	-
SW8270	95-57-8	2-Chloropheno	mg/L	0.18	-	-	-	ND [0.01]	-
SW8270	95-95-4	2,4,5-Trichlorophenol	mg/L	3.7	-	-	-	ND [0.01]	-
SW8270	98-95-3	Nitrobenzene	mg/L	0.018	-	-	-	ND [0.01]	-
SW8270	99-09-2	3-Nitroaniline	mg/L	-	-	-	-	ND [0.01]	-
SW8330	118-96-7	2,4,6-Trinitrotoluene	mg/L	0.018	-	ND [0.00015]	-	-	-
SW8330	121-14-2	2,4-Dinitrotoluene	mg/L	0.0013	-	0.00022 [0.0004] JS+	-	-	-
SW8330	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine	mg/L	0.0077	-	ND [0.00015]	-	-	-
SW8330	19406-51-0	4-Amino-2,6-dinitrotoluene	mg/L	0.0073	-	0.0012 [0.0002] JS+	-	-	-
SW8330	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	mg/L	1.8	-	ND [0.00015]	-	-	-
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/L	0.0073	-	ND [0.00015]	-	-	-
SW8330	479-45-8	Methyl-2,4,6-trinitrophenylnitramine	mg/L	0.15	-	ND [0.00015]	-	-	-
SW8330	606-20-2	2,6-Dinitrotoluene	mg/L	0.0013	-	ND [0.00015]	-	-	-
SW8330	88-72-2	o-Nitrotoluene	mg/L	0.0037	-	ND [0.00015]	-	-	-
SW8330	98-95-3	Nitrobenzene	mg/L	0.018	-	ND [0.00015]	-	-	-
SW8330	99-08-1	m-Nitrotoluene	mg/L	0.73	-	ND [0.00015]	-	-	-
SW8330	99-35-4	1,3,5-Trinitrobenzene	mg/L	1.1	-	0.0037 [0.00099] JS+	-	-	-

Table B-1-2i
2011 Former Communications Site Construction Support - Sewage Lift Station Laboratory Results

					Location ID:	Sewage LS	Sewage LS	Sewage LS	TB05
					Sample ID:	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWA-TAKU-WX01	11FWATB05-GWS
					Lab Sample ID:	580-27548-1	580-27548-1	580-27548-1	580-27574-1
					Matrix:	WX	WX	WX	WG
					Sample Date/Time:	7/21/2011 1340	7/21/2011 1340	7/21/2011 1340	7/20/2011 0800
					Lab ID:	TADC	TASG	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Criteria[1]**	**EPA Criteria[2]**				
SW8330	99-65-0	1,3-Dinitrobenzene	mg/L	0.0037	-	ND [0.00015]	-	-	-
SW8330	99-99-0	p-Nitrotoluene	mg/L	0.05	-	ND [0.0004]	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result nondetect and LOD greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B24-SS07	B24-SS11	Trip Blank	B27-W01	B27-TB01	B42-W01	B42-W02
			Sample ID:	11TAKU-B24-SO-W01	11TAKU-B24-SO-W02	TB	11TAKU-B27-SO-W01	11TAKU-B27-TB01	11TAKU-B42-SO-W01	11TAKU-B42-SO-W02
			Lab Sample ID:	28179-4	28179-5	28179-6	1118745001	1118745002	28262-1	28262-2
			Matrix:	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/24/2011
			Lab ID:	TATW	TATW	TATW	SGSA	SGSA	TATW	TATW
			QA/QC:	Primary	Primary	Trip Blank	Primary	Primary	Primary	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**							
8270SIM	1-Methylnaphthalene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	0.0079 [0.0054]
8270SIM	2-Methylnaphthalene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	0.046 [0.0054]
8270SIM	Acenaphthene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Acenaphthylene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Anthracene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Benzo(a)anthracene	mg/kg	-	0.0017 [0.0053] J	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Benzo(a)pyrene	mg/kg	-	0.0018 [0.0053] J	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Benzo(b)fluoranthene	mg/kg	-	0.0035 [0.0053] J	0.0021 [0.0054] J	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Benzo(g,h,i)perylene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Benzo(k)fluoranthene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Chrysene	mg/kg	-	0.0029 [0.0053] J	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Dibenzo(a,h)anthracene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Fluoranthene	mg/kg	-	0.0034 [0.0053] J	0.0025 [0.0054] J	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Fluorene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Indeno(1,2,3-cd)pyrene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	ND [0.0027]
8270SIM	Naphthalene	mg/kg	-	ND [0.0027]	ND [0.0027]	-	-	-	ND [0.0026]	0.018 [0.0054]
8270SIM	Phenanthrene	mg/kg	-	0.0032 [0.0053] J	0.0019 [0.0054] J	-	-	-	ND [0.0026]	0.0045 [0.0054] J
8270SIM	Pyrene	mg/kg	-	0.004 [0.0053] J	0.0034 [0.0054] J	-	-	-	0.0024 [0.0052] J	0.0032 [0.0054] J
AK101	Gasoline Range Organics	mg/kg	-	ND [1.2]	ND [1]	ND [1.1]	ND [4.06]	ND [1.56]	0.56 [3.4] J	0.9 [3.5] J
AK102	Diesel Range Organics	mg/kg	-	7.6 [21] J	8.5 [21] J	-	ND [14]	-	9.6 [21] J	8.6 [21] J
AK103	Residual Range Organics	mg/kg	-	37 [53] J	29 [53] J	-	38.5 [22.5]	-	ND [33]	ND [33]
OCPSTSM	4,4'-DDD	mg/kg	-	-	-	-	0.0036 [0.0022]	-	-	-
OCPSTSM	4,4'-DDE	mg/kg	-	-	-	-	0.0027 [0.0022]	-	-	-
OCPSTSM	4,4'-DDT	mg/kg	-	-	-	-	0.0008 [0.0022] J	-	-	-
OCPSTSM	Aldrin	mg/kg	-	-	-	-	ND [0.0011]	-	-	-
OCPSTSM	alpha-BHC	mg/kg	-	-	-	-	ND [0.0011]	-	-	-
OCPSTSM	alpha-Chlordane	mg/kg	0.6	-	-	-	ND [0.0011]	-	-	-
OCPSTSM	beta-BHC	mg/kg	-	-	-	-	ND [0.0011]	-	-	-
OCPSTSM	Chlordane	mg/kg	0.6	-	-	-	ND [0.0338]	-	-	-
OCPSTSM	delta-BHC	mg/kg	-	-	-	-	ND [0.0011]	-	-	-
OCPSTSM	Dieldrin	mg/kg	-	-	-	-	ND [0.0014]	-	-	-
OCPSTSM	Endosulfan I	mg/kg	-	-	-	-	ND [0.0011]	-	-	-
OCPSTSM	Endosulfan II	mg/kg	-	-	-	-	ND [0.0014]	-	-	-
OCPSTSM	Endosulfan sulfate	mg/kg	-	-	-	-	ND [0.0014]	-	-	-
OCPSTSM	Endrin	mg/kg	0.4	-	-	-	ND [0.0014]	-	-	-
OCPSTSM	Endrin aldehyde	mg/kg	-	-	-	-	ND [0.0014]	-	-	-
OCPSTSM	Endrin ketone	mg/kg	-	-	-	-	ND [0.0034]	-	-	-
OCPSTSM	gamma-BHC (Lindane)	mg/kg	8	-	-	-	ND [0.0011]	-	-	-
OCPSTSM	gamma-Chlordane	mg/kg	0.6	-	-	-	ND [0.0011]	-	-	-
OCPSTSM	Heptachlor	mg/kg	-	-	-	-	ND [0.0014]	-	-	-
OCPSTSM	Heptachlor epoxide	mg/kg	-	-	-	-	ND [0.0014]	-	-	-
OCPSTSM	Methoxychlor	mg/kg	200	-	-	-	ND [0.0014]	-	-	-
OCPSTSM	Toxaphene	mg/kg	10	-	-	-	ND [0.0698]	-	-	-
SW6020	Arsenic	mg/kg	100	11 [0.55]	9.4 [0.52]	-	9.95 [1.09]	-	11 [0.47]	11 [0.52]
SW6020	Barium	mg/kg	2000	100 [0.22]	98 [0.21]	-	105 [0.328]	-	110 [0.19]	110 [0.21]
SW6020	Cadmium	mg/kg	20	0.71 [0.22]	0.62 [0.21]	-	0.217 [0.219] J	-	0.19 [0.19]	0.19 [0.21] J
SW6020	Chromium	mg/kg	100	16 [0.22]	16 [0.21]	-	17 [0.437]	-	17 [0.19]	17 [0.21]
SW6020	Lead	mg/kg	100	**100 [0.22]**	33 [0.21]	-	10.3 [0.219]	-	8.7 [0.19]	8.8 [0.21]
SW6020	Selenium	mg/kg	20	0.49 [0.77] J	0.47 [0.73] J	-	0.314 [0.546] J	-	0.64 [0.65] J	0.62 [0.72] J
SW6020	Silver	mg/kg	100	0.093 [0.22] J	0.14 [0.21] J	-	0.162 [0.109]	-	0.076 [0.19] J	0.078 [0.21] J
SW7471	Mercury	mg/kg	4	0.025 [0.014]	0.02 [0.018]	-	ND [0.0266]	-	0.035 [0.014]	0.018 [0.014]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B24-SS07	B24-SS11	Trip Blank	B27-W01	B27-TB01	B42-W01	B42-W02
			Sample ID:	11TAKU-B24-SO-W01	11TAKU-B24-SO-W02	TB	11TAKU-B27-SO-W01	11TAKU-B27-TB01	11TAKU-B42-SO-W01	11TAKU-B42-SO-W02
			Lab Sample ID:	28179-4	28179-5	28179-6	1118745001	1118745002	28262-1	28262-2
			Matrix:	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/24/2011
			Lab ID:	TATW	TATW	TATW	SGSA	SGSA	TATW	TATW
			QA/QC:	Primary	Primary	Trip Blank	Primary	Primary	Primary	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**							
SW8081	4,4'-DDD	mg/kg	-	0.0023 [0.0021]	0.0028 [0.0021]	-	-	-	0.0014 [0.002] J	0.00084 [0.0021] J
SW8081	4,4'-DDE	mg/kg	-	0.008 [0.0021]	0.011 [0.0021]	-	-	-	0.01 [0.002]	0.0098 [0.0021]
SW8081	4,4'-DDT	mg/kg	-	0.042 [0.0021]	0.038 [0.0021]	-	-	-	0.018 [0.002]	0.018 [0.0021]
SW8081	Aldrin	mg/kg	-	ND [0.00053]	ND [0.00053]	-	-	-	ND [0.00051]	ND [0.00052]
SW8081	alpha-BHC	mg/kg	-	ND [0.00053]	ND [0.00053]	-	-	-	ND [0.00051]	ND [0.00052]
SW8081	alpha-Chlordane	mg/kg	0.6	ND [0.00032]	ND [0.00032]	-	-	-	ND [0.00031]	ND [0.00031]
SW8081	beta-BHC	mg/kg	-	ND [0.00053]	ND [0.00053]	-	-	-	ND [0.00051]	ND [0.00052]
SW8081	delta-BHC	mg/kg	-	ND [0.00032]	ND [0.00032]	-	-	-	ND [0.00031]	ND [0.00031]
SW8081	Dieldrin	mg/kg	-	ND [0.00032]	ND [0.00032]	-	-	-	ND [0.00031]	ND [0.00031]
SW8081	Endosulfan I	mg/kg	-	ND [0.00032]	ND [0.00032]	-	-	-	ND [0.00031]	ND [0.00031]
SW8081	Endosulfan II	mg/kg	-	0.00063 [0.0021] J	0.00022 [0.0021] J	-	-	-	ND [0.00051]	ND [0.00052]
SW8081	Endosulfan sulfate	mg/kg	-	ND [0.00032]	ND [0.00032]	-	-	-	ND [0.00031]	ND [0.00031]
SW8081	Endrin	mg/kg	0.4	ND [0.00032]	ND [0.00032]	-	-	-	ND [0.00031]	0.0015 [0.0021] J
SW8081	Endrin aldehyde	mg/kg	-	ND [0.00053]	ND [0.00053]	-	-	-	ND [0.00051]	ND [0.00052]
SW8081	Endrin ketone	mg/kg	-	ND [0.00053]	ND [0.00053]	-	-	-	ND [0.00051]	ND [0.00052]
SW8081	gamma-BHC (Lindane)	mg/kg	8	ND [0.00032]	ND [0.00032]	-	-	-	ND [0.00031]	ND [0.00031]
SW8081	gamma-Chlordane	mg/kg	0.6	ND [0.00032]	ND [0.00032]	-	-	-	ND [0.00031]	ND [0.00031]
SW8081	Heptachlor	mg/kg	-	ND [0.00053]	ND [0.00053]	-	-	-	ND [0.00051]	ND [0.00052]
SW8081	Heptachlor epoxide	mg/kg	-	ND [0.00032]	ND [0.00032]	-	-	-	ND [0.00031]	ND [0.00031]
SW8081	Methoxychlor	mg/kg	200	ND [0.00053]	ND [0.00053]	-	-	-	ND [0.00051]	ND [0.00052]
SW8081	Toxaphene	mg/kg	10	ND [0.053]	ND [0.053]	-	-	-	ND [0.051]	ND [0.052]
SW8082	PCB-1016 (Aroclor 1016)	mg/kg	-	ND [0.0053]	ND [0.0053]	-	-	-	ND [0.0051]	ND [0.0052]
SW8082	PCB-1221 (Aroclor 1221)	mg/kg	-	ND [0.0085]	ND [0.0086]	-	-	-	ND [0.0082]	ND [0.0083]
SW8082	PCB-1232 (Aroclor 1232)	mg/kg	-	ND [0.0085]	ND [0.0086]	-	-	-	ND [0.0082]	ND [0.0083]
SW8082	PCB-1242 (Aroclor 1242)	mg/kg	-	ND [0.0053]	ND [0.0053]	-	-	-	ND [0.0051]	ND [0.0052]
SW8082	PCB-1248 (Aroclor 1248)	mg/kg	-	ND [0.0032]	ND [0.0032]	-	-	-	ND [0.0031]	ND [0.0031]
SW8082	PCB-1254 (Aroclor 1254)	mg/kg	-	ND [0.0053]	ND [0.0053]	-	-	-	ND [0.0051]	ND [0.0052]
SW8082	PCB-1260 (Aroclor 1260)	mg/kg	-	ND [0.0053]	ND [0.0053]	-	-	-	ND [0.0051]	ND [0.0052]
SW8151A	2,4,5-T	mg/kg	-	ND [0.0037]	ND [0.0037]	-	-	-	ND [0.0036]	ND [0.0036]
SW8151A	2,4,5-TP (Silvex)	mg/kg	20	ND [0.0037]	ND [0.0037]	-	-	-	ND [0.0036]	ND [0.0036]
SW8151A	2,4-D	mg/kg	200	ND [0.0037]	ND [0.0037]	-	-	-	ND [0.0036]	ND [0.0036]
SW8151A	2,4-DB	mg/kg	-	ND [0.0037]	ND [0.0037]	-	-	-	ND [0.0036]	ND [0.0036]
SW8151A	4-Nitrophenol	mg/kg	-	ND [0.0037]	ND [0.0037]	-	-	-	ND [0.0036]	ND [0.0036]
SW8151A	Dalapon	mg/kg	-	ND [0.015]	ND [0.015]	-	-	-	ND [0.014]	ND [0.014]
SW8151A	Dicamba	mg/kg	-	ND [0.0073]	ND [0.0073]	-	-	-	ND [0.0071]	ND [0.0072]
SW8151A	Dichlorprop	mg/kg	-	ND [0.0037]	ND [0.0037]	-	-	-	ND [0.0036]	ND [0.0036]
SW8151A	Dinoseb	mg/kg	-	ND [0.0037]	ND [0.0037]	-	-	-	ND [0.0036]	ND [0.0036]
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	ND [0.0037]	ND [0.0037]	-	-	-	ND [0.0036]	ND [0.0036]
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	ND [0.0037]	ND [0.0037]	-	-	-	ND [0.0036]	ND [0.0036]
SW8151A	Pentachlorophenol	mg/kg	2000	ND [0.0073]	ND [0.0073]	-	-	-	ND [0.0071]	ND [0.0072]
SW8260	1,1,1,2-Tetrachloroethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,1,1-Trichloroethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	-	ND [0.0098]	ND [0.0084]	ND [0.0088]	ND [0.0814]	ND [0.0312]	ND [0.0075]	ND [0.0067]
SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	-	-	ND [0.026]	ND [0.023]
SW8260	1,1,2-Trichloroethane	mg/kg	-	ND [0.0098]	ND [0.0084]	ND [0.0088]	ND [0.0424]	ND [0.0163]	ND [0.0075]	ND [0.0067]
SW8260	1,1-Dichloroethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,1-Dichloroethene	mg/kg	14	ND [0.017]	ND [0.014]	ND [0.015]	ND [0.0424]	ND [0.0163]	ND [0.013]	ND [0.011]
SW8260	1,1-Dichloropropene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,2,3-Trichlorobenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0814]	ND [0.0312]	ND [0.026]	ND [0.023]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B24-SS07	B24-SS11	Trip Blank	B27-W01	B27-TB01	B42-W01	B42-W02
			Sample ID:	11TAKU-B24-SO-W01	11TAKU-B24-SO-W02	TB	11TAKU-B27-SO-W01	11TAKU-B27-TB01	11TAKU-B42-SO-W01	11TAKU-B42-SO-W02
			Lab Sample ID:	28179-4	28179-5	28179-6	1118745001	1118745002	28262-1	28262-2
			Matrix:	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/24/2011
			Lab ID:	TATW	TATW	TATW	SGSA	SGSA	TATW	TATW
			QA/QC:	Primary	Primary	Trip Blank	Primary	Primary	Primary	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**							
SW8260	1,2,3-Trichloropropane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,2,4-Trichlorobenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,2,4-Trimethylbenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0814]	ND [0.0312]	ND [0.026]	ND [0.023]
SW8260	1,2-Dibromo-3-chloropropane	mg/kg	-	ND [0.17]	ND [0.14]	ND [0.15]	ND [0.168]	ND [0.0646]	ND [0.13]	ND [0.11]
SW8260	1,2-Dibromoethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,2-Dichlorobenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424] JM-	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,2-Dichloroethane	mg/kg	10	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,2-Dichloropropane	mg/kg	-	ND [0.011]	ND [0.0095]	ND [0.01]	ND [0.0424]	ND [0.0163]	ND [0.0085]	ND [0.0076]
SW8260	1,3,5-Trimethylbenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,3-Dichlorobenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424] JM-	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,3-Dichloropropane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	1,4-Dichlorobenzene	mg/kg	150	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424] JM-	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	2,2-Dichloropropane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	2-Butanone	mg/kg	4000	ND [0.33]	ND [0.29]	ND [0.3]	ND [0.424]	ND [0.163]	ND [0.26]	ND [0.23]
SW8260	2-Chlorotoluene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	2-Hexanone	mg/kg	-	ND [0.17]	ND [0.14]	ND [0.15]	ND [0.424]	ND [0.163]	ND [0.13]	ND [0.11]
SW8260	4-Chlorotoluene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	4-Isopropyltoluene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	4-Methyl-2-pentanone	mg/kg	-	ND [0.17]	ND [0.14]	ND [0.15]	ND [0.424]	ND [0.163]	ND [0.13]	ND [0.11]
SW8260	Acetone	mg/kg	-	ND [0.33]	ND [0.29]	ND [0.3]	ND [0.424]	ND [0.163]	ND [0.26]	ND [0.23]
SW8260	Benzene	mg/kg	10	ND [0.011]	ND [0.0095]	ND [0.01]	ND [0.0212]	ND [0.0081]	ND [0.0085]	ND [0.0076]
SW8260	Bromobenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Bromochloromethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Bromodichloromethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Bromoform	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Bromomethane	mg/kg	-	ND [0.11]	ND [0.095]	ND [0.1]	ND [0.336]	ND [0.129]	ND [0.085]	ND [0.076]
SW8260	Carbon disulfide	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.168]	ND [0.0646]	ND [0.026]	ND [0.023]
SW8260	Carbon tetrachloride	mg/kg	10	ND [0.017]	ND [0.014]	ND [0.015]	ND [0.0424]	ND [0.0163]	ND [0.013]	ND [0.011]
SW8260	Chlorobenzene	mg/kg	2000	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Chloroethane	mg/kg	-	ND [0.33]	ND [0.29]	ND [0.3]	ND [0.336]	ND [0.129]	ND [0.26]	ND [0.23]
SW8260	Chloroform	mg/kg	120	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Chloromethane	mg/kg	-	ND [0.33]	ND [0.29]	ND [0.3]	ND [0.0424]	ND [0.0163]	ND [0.26]	ND [0.23]
SW8260	cis-1,2-Dichloroethene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	cis-1,3-Dichloropropene	mg/kg	-	ND [0.011]	ND [0.0095]	ND [0.01]	ND [0.0424]	ND [0.0163]	ND [0.0085]	ND [0.0076]
SW8260	Dibromochloromethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Dibromomethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Dichlorodifluoromethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0814]	ND [0.0312]	ND [0.026]	ND [0.023]
SW8260	Ethylbenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Hexachlorobutadiene	mg/kg	10	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0814]	ND [0.0312]	ND [0.026]	ND [0.023]
SW8260	Isopropylbenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Methylene chloride	mg/kg	-	0.031 [0.044] J	0.022 [0.038] J	ND [0.03]	ND [0.168]	ND [0.0646]	0.016 [0.034] J	0.01 [0.03] J
SW8260	Methyl-tert-butyl ether (MTBE)	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.168]	ND [0.0646]	ND [0.026]	ND [0.023]
SW8260	Naphthalene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0814]	ND [0.0312]	ND [0.026]	ND [0.023]
SW8260	n-Butylbenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	n-Propylbenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	o-Xylene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0814]	ND [0.0312]	ND [0.026]	ND [0.023]
SW8260	sec-Butylbenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Styrene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	tert-Butylbenzene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	Tetrachloroethene (PCE)	mg/kg	14	ND [0.017]	ND [0.014]	ND [0.015]	ND [0.0212]	ND [0.0081]	ND [0.013]	ND [0.011]
SW8260	Toluene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0814]	ND [0.0312]	ND [0.026]	ND [0.023]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B24-SS07	B24-SS11	Trip Blank	B27-W01	B27-TB01	B42-W01	B42-W02
			Sample ID:	11TAKU-B24-SO-W01	11TAKU-B24-SO-W02	TB	11TAKU-B27-SO-W01	11TAKU-B27-TB01	11TAKU-B42-SO-W01	11TAKU-B42-SO-W02
			Lab Sample ID:	28179-4	28179-5	28179-6	1118745001	1118745002	28262-1	28262-2
			Matrix:	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/24/2011
			Lab ID:	TATW	TATW	TATW	SGSA	SGSA	TATW	TATW
			QA/QC:	Primary	Primary	Trip Blank	Primary	Primary	Primary	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**							
SW8260	trans-1,2-Dichloroethene	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0424]	ND [0.0163]	ND [0.026]	ND [0.023]
SW8260	trans-1,3-Dichloropropene	mg/kg	-	ND [0.011]	ND [0.0095]	ND [0.01]	ND [0.0424]	ND [0.0163]	ND [0.0085]	ND [0.0076]
SW8260	Trichloroethene (TCE)	mg/kg	10	ND [0.011]	ND [0.0095]	ND [0.01]	ND [0.0212]	ND [0.0081]	ND [0.0085]	ND [0.0076]
SW8260	Trichlorofluoromethane	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0814]	ND [0.0312]	ND [0.026]	ND [0.023]
SW8260	Vinyl chloride	mg/kg	4	ND [0.0056]	ND [0.0048]	ND [0.005]	ND [0.0424]	ND [0.0163]	ND [0.0043]	ND [0.0038]
SW8260	Xylene, Isomers m & p	mg/kg	-	ND [0.033]	ND [0.029]	ND [0.03]	ND [0.0814]	ND [0.0312]	ND [0.026]	ND [0.023]
SW8260	Xylenes	mg/kg	-	-	-	-	ND [0.168]	ND [0.0646]	-	-
SW8270	1,2,4-Trichlorobenzene	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177] JM-	-	ND [0.021]	ND [0.022]
SW8270	1,2-Dichlorobenzene	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177] JM-	-	ND [0.021]	ND [0.022]
SW8270	1,3-Dichlorobenzene	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177] JM-	-	ND [0.021]	ND [0.022]
SW8270	1,4-Dichlorobenzene	mg/kg	150	ND [0.021]	ND [0.022]	-	ND [0.177] JM-	-	ND [0.021]	ND [0.022]
SW8270	1-Methylnaphthalene	mg/kg	-	ND [0.011]	ND [0.011]	-	-	-	ND [0.01]	0.0092 [0.032] J
SW8270	2,4,5-Trichlorophenol	mg/kg	8000	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	2,4,6-Trichlorophenol	mg/kg	40	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	2,4-Dichlorophenol	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	2,4-Dimethylphenol	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	2,4-Dinitrophenol	mg/kg	-	ND [0.53]	ND [0.54]	-	ND [2.14]	-	ND [0.52]	ND [0.54]
SW8270	2,4-Dinitrotoluene	mg/kg	2.6	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	2,6-Dinitrotoluene	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	2-Chloronaphthalene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	2-Chlorophenol	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	2-Methyl-4,6-dinitrophenol	mg/kg	-	ND [0.27]	ND [0.27]	-	ND [1.41]	-	ND [0.26]	ND [0.27]
SW8270	2-Methylnaphthalene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	0.049 [0.022]
SW8270	2-Methylphenol (o-Cresol)	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	2-Nitroaniline	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	2-Nitrophenol	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	3,3'-Dichlorobenzidine	mg/kg	-	ND [0.043]	ND [0.043]	-	ND [0.177]	-	ND [0.042]	ND [0.043]
SW8270	3-Methylphenol/4-Methylphenol Coelution	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.704]	-	ND [0.021]	ND [0.022]
SW8270	3-Nitroaniline	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.34]	-	ND [0.021]	ND [0.022]
SW8270	4-Bromophenyl phenyl ether	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	4-Chloro-3-methylphenol	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	4-Chloroaniline	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.34]	-	ND [0.021]	ND [0.022]
SW8270	4-Chlorophenyl phenyl ether	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	4-Nitroaniline	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [2.14]	-	ND [0.021]	ND [0.022]
SW8270	4-Nitrophenol	mg/kg	-	ND [0.53]	ND [0.54]	-	ND [0.704]	-	ND [0.52]	ND [0.54]
SW8270	Acenaphthene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Acenaphthylene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Aniline	mg/kg	-	-	-	-	ND [1.41]	-	-	-
SW8270	Anthracene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Azobenzene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Benzidine	mg/kg	-	ND [0.43] JL-	ND [0.43] JL-	-	-	-	ND [0.42] JL-	ND [0.43] JL-
SW8270	Benzo(a)anthracene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Benzo(a)pyrene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Benzo(b)fluoranthene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Benzo(g,h,i)perylene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Benzo(k)fluoranthene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Benzoic acid	mg/kg	-	ND [1.1]	ND [1.1]	-	ND [1.7]	-	ND [1]	ND [1.1]
SW8270	Benzyl alcohol	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	Benzyl butyl phthalate	mg/kg	-	ND [0.11]	ND [0.11]	-	ND [0.177]	-	ND [0.1]	ND [0.11]
SW8270	bis-(2-Chloroethoxy)methane	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B24-SS07	B24-SS11	Trip Blank	B27-W01	B27-TB01	B42-W01	B42-W02
			Sample ID:	11TAKU-B24-SO-W01	11TAKU-B24-SO-W02	TB	11TAKU-B27-SO-W01	11TAKU-B27-TB01	11TAKU-B42-SO-W01	11TAKU-B42-SO-W02
			Lab Sample ID:	28179-4	28179-5	28179-6	1118745001	1118745002	28262-1	28262-2
			Matrix:	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/24/2011
			Lab ID:	TATW	TATW	TATW	SGSA	SGSA	TATW	TATW
			QA/QC:	Primary	Primary	Trip Blank	Primary	Primary	Primary	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**							
SW8270	bis-(2-Chloroethyl)ether	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	bis-(2-Ethylhexyl)phthalate	mg/kg	-	ND [0.11]	ND [0.11]	-	ND [0.177]	-	ND [0.1]	ND [0.11]
SW8270	Carbazole	mg/kg	-	ND [0.011]	ND [0.011]	-	-	-	ND [0.01]	ND [0.011]
SW8270	Chrysene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Dibenzo(a,h)anthracene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Dibenzofuran	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Diethyl phthalate	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	Dimethyl phthalate	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Di-n-butyl phthalate	mg/kg	-	ND [0.11]	ND [0.11]	-	ND [0.177]	-	ND [0.1]	ND [0.11]
SW8270	Di-n-octyl phthalate	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.34]	-	ND [0.01]	ND [0.011]
SW8270	Fluoranthene	mg/kg	-	0.0057 [0.021] J	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Fluorene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Hexachlorobenzene	mg/kg	2.6	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Hexachlorobutadiene	mg/kg	10	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	Hexachlorocyclopentadiene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.454]	-	ND [0.01]	ND [0.011]
SW8270	Hexachloroethane	mg/kg	60	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	Indeno(1,2,3-cd)pyrene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Isophorone	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Naphthalene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	0.021 [0.022] J
SW8270	Nitrobenzene	mg/kg	40	ND [0.053]	ND [0.054]	-	ND [0.177]	-	ND [0.052]	ND [0.054]
SW8270	n-Nitrosodimethylamine	mg/kg	-	ND [0.53]	ND [0.54]	-	ND [0.177]	-	ND [0.52]	ND [0.54]
SW8270	n-Nitrosodi-n-propylamine	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	n-Nitrosodiphenylamine	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Pentachlorophenol	mg/kg	2000	ND [0.053]	ND [0.054]	-	ND [1.41]	-	ND [0.052]	ND [0.054]
SW8270	Phenanthrene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Phenol	mg/kg	-	ND [0.021]	ND [0.022]	-	ND [0.177]	-	ND [0.021]	ND [0.022]
SW8270	Pyrene	mg/kg	-	ND [0.011]	ND [0.011]	-	ND [0.177]	-	ND [0.01]	ND [0.011]
SW8270	Pyridine	mg/kg	100	ND [0.53]	ND [0.54]	-	-	-	ND [0.52]	ND [0.54]

Notes:

[1] Table 1, Maximum Concentration of Contaminants for the Toxicity Characteristic (McCoy)

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B42-W03	B42-W04	B48-SS05	Trip Blank	B49-W03	B49-W04	B49-TB03	MW62-SS14
			Sample ID:	11TAKU-B42-SO-W03	11TAKU-B42-SO-W04	11TAKU-B48-SO-W01	TB	11TAKU-B49-SO-W03	11TAKU-B49-SO-W04	11TAKU-B49-TB03	11TAKU-MW62-SO-W01
			Lab Sample ID:	28262-3	28262-4	28179-3	28179-6	28262-5	28262-6	28262-7	28179-1
			Matrix:	SO	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/24/2011	8/24/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/20/2011
			Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QA/QC:	Primary	Primary	Primary	Trip Blank	Primary	Primary	Trip Blank	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**								
8270SIM	1-Methylnaphthalene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.0018 [0.0055] J
8270SIM	2-Methylnaphthalene	mg/kg	-	ND [0.0026]	0.0026 [0.0051] J	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.0023 [0.0055] J
8270SIM	Acenaphthene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.0065 [0.0055]
8270SIM	Acenaphthylene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	ND [0.0027]
8270SIM	Anthracene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.019 [0.0055]
8270SIM	Benzo(a)anthracene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.055 [0.0055]
8270SIM	Benzo(a)pyrene	mg/kg	-	0.0019 [0.0053] J	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.048 [0.0055]
8270SIM	Benzo(b)fluoranthene	mg/kg	-	0.0035 [0.0053] J	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.073 [0.0055]
8270SIM	Benzo(g,h,i)perylene	mg/kg	-	0.002 [0.0053] J	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.024 [0.0055]
8270SIM	Benzo(k)fluoranthene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.021 [0.0055]
8270SIM	Chrysene	mg/kg	-	0.0048 [0.0053] J	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.057 [0.0055]
8270SIM	Dibenzo(a,h)anthracene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.01 [0.0055]
8270SIM	Fluoranthene	mg/kg	-	0.0033 [0.0053] J	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.091 [0.0055]
8270SIM	Fluorene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.0069 [0.0055]
8270SIM	Indeno(1,2,3-cd)pyrene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.026 [0.0055]
8270SIM	Naphthalene	mg/kg	-	ND [0.0026]	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	ND [0.0027]
8270SIM	Phenanthrene	mg/kg	-	0.002 [0.0053] J	ND [0.0026]	ND [0.003]	-	ND [0.0027]	ND [0.0027]	-	0.086 [0.0055]
8270SIM	Pyrene	mg/kg	-	0.0055 [0.0053]	ND [0.0026]	ND [0.003]	-	0.0016 [0.0054] J	ND [0.0027]	-	0.083 [0.0055]
AK101	Gasoline Range Organics	mg/kg	-	0.92 [4.9] J	1.1 [4.6] J	ND [1.2]	ND [1.1]	2 [4] J	2.5 [3.6] J	0.88 [4] J	ND [1.2]
AK102	Diesel Range Organics	mg/kg	-	21 [22] J	25 [21]	ND [7.7]	-	22 [22]	16 [22] J	-	8.4 [21] J
AK103	Residual Range Organics	mg/kg	-	210 [54]	55 [51]	23 [62] J	-	77 [55]	ND [34]	-	30 [53] J
OCPSTSM	4,4'-DDD	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	4,4'-DDE	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	4,4'-DDT	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Aldrin	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	alpha-BHC	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	alpha-Chlordane	mg/kg	0.6	-	-	-	-	-	-	-	-
OCPSTSM	beta-BHC	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Chlordane	mg/kg	0.6	-	-	-	-	-	-	-	-
OCPSTSM	delta-BHC	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Dieldrin	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Endosulfan I	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Endosulfan II	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Endosulfan sulfate	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Endrin	mg/kg	0.4	-	-	-	-	-	-	-	-
OCPSTSM	Endrin aldehyde	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Endrin ketone	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	gamma-BHC (Lindane)	mg/kg	8	-	-	-	-	-	-	-	-
OCPSTSM	gamma-Chlordane	mg/kg	0.6	-	-	-	-	-	-	-	-
OCPSTSM	Heptachlor	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Heptachlor epoxide	mg/kg	-	-	-	-	-	-	-	-	-
OCPSTSM	Methoxychlor	mg/kg	200	-	-	-	-	-	-	-	-
OCPSTSM	Toxaphene	mg/kg	10	-	-	-	-	-	-	-	-
SW6020	Arsenic	mg/kg	100	12 [0.48]	9.7 [0.44]	24 [0.49]	-	11 [0.55]	8.3 [0.46]	-	9.3 [0.44]
SW6020	Barium	mg/kg	2000	110 [0.19]	93 [0.18]	100 [0.2]	-	100 [0.22]	81 [0.18]	-	87 [0.18]
SW6020	Cadmium	mg/kg	20	0.22 [0.19]	0.15 [0.18] J	0.2 [0.2]	-	0.23 [0.22]	0.18 [0.18]	-	0.21 [0.18]
SW6020	Chromium	mg/kg	100	18 [0.19]	15 [0.18]	18 [0.2]	-	18 [0.22]	17 [0.18]	-	15 [0.18]
SW6020	Lead	mg/kg	100	9.2 [0.19]	7.7 [0.18]	8.4 [0.2]	-	8 [0.22]	7 [0.18]	-	7.9 [0.18]
SW6020	Selenium	mg/kg	20	0.63 [0.67] J	0.53 [0.61] J	0.62 [0.69] J	-	0.7 [0.77] J	0.53 [0.64] J	-	0.48 [0.62] J
SW6020	Silver	mg/kg	100	0.068 [0.19] J	0.057 [0.18] J	0.07 [0.2] J	-	0.06 [0.22] J	0.065 [0.18] J	-	0.11 [0.18] J
SW7471	Mercury	mg/kg	4	0.31 [0.016]	0.018 [0.018]	0.019 [0.018]	-	0.023 [0.018]	0.017 [0.018] J	-	0.025 [0.015]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B42-W03	B42-W04	B48-SS05	Trip Blank	B49-W03	B49-W04	B49-TB03	MW62-SS14
			Sample ID:	11TAKU-B42-SO-W03	11TAKU-B42-SO-W04	11TAKU-B48-SO-W01	TB	11TAKU-B49-SO-W03	11TAKU-B49-SO-W04	11TAKU-B49-TB03	11TAKU-MW62-SO-W01
			Lab Sample ID:	28262-3	28262-4	28179-3	28179-6	28262-5	28262-6	28262-7	28179-1
			Matrix:	SO	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/24/2011	8/24/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/20/2011
			Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QA/QC:	Primary	Primary	Primary	Trip Blank	Primary	Primary	Trip Blank	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**								
SW8081	4,4'-DDD	mg/kg	-	0.0012 [0.0022] J	0.0008 [0.0021] J	0.0007 [0.0024] J	-	0.00041 [0.0022] J	ND [0.00033]	-	0.031 [0.0022]
SW8081	4,4'-DDE	mg/kg	-	0.0034 [0.0022]	0.0096 [0.0021]	0.0013 [0.0024] J	-	0.00048 [0.0022] J	0.00026 [0.0022] J	-	0.25 [0.043]
SW8081	4,4'-DDT	mg/kg	-	0.011 [0.0022]	0.012 [0.0021]	0.0041 [0.0024]	-	0.0039 [0.0022]	0.001 [0.0022] J	-	1.7 [0.043]
SW8081	Aldrin	mg/kg	-	ND [0.00056]	ND [0.00053]	ND [0.0006]	-	ND [0.00056]	ND [0.00056]	-	ND [0.00054]
SW8081	alpha-BHC	mg/kg	-	ND [0.00056]	ND [0.00053]	ND [0.0006]	-	ND [0.00056]	ND [0.00056]	-	ND [0.00054]
SW8081	alpha-Chlordane	mg/kg	0.6	ND [0.00033]	ND [0.00032]	ND [0.00036]	-	ND [0.00034]	ND [0.00033]	-	ND [0.00032]
SW8081	beta-BHC	mg/kg	-	ND [0.00056]	ND [0.00053]	ND [0.0006]	-	ND [0.00056]	ND [0.00056]	-	ND [0.00054]
SW8081	delta-BHC	mg/kg	-	ND [0.00033]	ND [0.00032]	ND [0.00036]	-	ND [0.00034]	ND [0.00033]	-	ND [0.00032]
SW8081	Dieldrin	mg/kg	-	ND [0.00033]	ND [0.00032]	ND [0.00036]	-	ND [0.00034]	ND [0.00033]	-	ND [0.00032]
SW8081	Endosulfan I	mg/kg	-	ND [0.00033]	ND [0.00032]	ND [0.00036]	-	ND [0.00034]	ND [0.00033]	-	ND [0.00032]
SW8081	Endosulfan II	mg/kg	-	ND [0.00056]	ND [0.00053]	0.00071 [0.0024] J	-	ND [0.00056]	ND [0.00056]	-	ND [0.00054]
SW8081	Endosulfan sulfate	mg/kg	-	ND [0.00033]	ND [0.00032]	ND [0.00036]	-	ND [0.00034]	ND [0.00033]	-	ND [0.00032]
SW8081	Endrin	mg/kg	0.4	ND [0.00033]	ND [0.00032]	ND [0.00036]	-	ND [0.00034]	ND [0.00033]	-	ND [0.00032]
SW8081	Endrin aldehyde	mg/kg	-	ND [0.00056]	ND [0.00053]	ND [0.0006]	-	ND [0.00056]	ND [0.00056]	-	ND [0.00054]
SW8081	Endrin ketone	mg/kg	-	ND [0.00056]	ND [0.00053]	0.0018 [0.0024] J	-	ND [0.00056]	ND [0.00056]	-	ND [0.00054]
SW8081	gamma-BHC (Lindane)	mg/kg	8	ND [0.00033]	ND [0.00032]	ND [0.00036]	-	ND [0.00034]	ND [0.00033]	-	ND [0.00032]
SW8081	gamma-Chlordane	mg/kg	0.6	ND [0.00033]	ND [0.00032]	ND [0.00036]	-	ND [0.00034]	ND [0.00033]	-	ND [0.00032]
SW8081	Heptachlor	mg/kg	-	ND [0.00056]	ND [0.00053]	ND [0.0006]	-	ND [0.00056]	ND [0.00056]	-	ND [0.00054]
SW8081	Heptachlor epoxide	mg/kg	-	ND [0.00033]	ND [0.00032]	ND [0.00036]	-	ND [0.00034]	ND [0.00033]	-	ND [0.00032]
SW8081	Methoxychlor	mg/kg	200	ND [0.00056]	ND [0.00053]	ND [0.0006]	-	ND [0.00056]	ND [0.00056]	-	ND [0.00054]
SW8081	Toxaphene	mg/kg	10	ND [0.056]	ND [0.053]	ND [0.06]	-	ND [0.056]	ND [0.056]	-	ND [0.054]
SW8082	PCB-1016 (Aroclor 1016)	mg/kg	-	ND [0.0056]	ND [0.0053]	ND [0.006]	-	ND [0.0056]	ND [0.0056]	-	ND [0.0054]
SW8082	PCB-1221 (Aroclor 1221)	mg/kg	-	ND [0.0089]	ND [0.0085]	ND [0.0096]	-	ND [0.009]	ND [0.0089]	-	ND [0.0086]
SW8082	PCB-1232 (Aroclor 1232)	mg/kg	-	ND [0.0089]	ND [0.0085]	ND [0.0096]	-	ND [0.009]	ND [0.0089]	-	ND [0.0086]
SW8082	PCB-1242 (Aroclor 1242)	mg/kg	-	ND [0.0056]	ND [0.0053]	ND [0.006]	-	ND [0.0056]	ND [0.0056]	-	ND [0.0054]
SW8082	PCB-1248 (Aroclor 1248)	mg/kg	-	ND [0.0033]	ND [0.0032]	ND [0.0036]	-	ND [0.0034]	ND [0.0033]	-	ND [0.0032]
SW8082	PCB-1254 (Aroclor 1254)	mg/kg	-	ND [0.0056]	ND [0.0053]	ND [0.006]	-	ND [0.0056]	ND [0.0056]	-	ND [0.0054]
SW8082	PCB-1260 (Aroclor 1260)	mg/kg	-	ND [0.0056]	ND [0.0053]	ND [0.006]	-	ND [0.0056]	ND [0.0056]	-	ND [0.0054]
SW8151A	2,4,5-T	mg/kg	-	ND [0.0037]	ND [0.0035]	ND [0.0041]	-	ND [0.0038]	ND [0.0037]	-	ND [0.0038]
SW8151A	2,4,5-TP (Silvex)	mg/kg	20	ND [0.0037]	ND [0.0035]	ND [0.0041]	-	ND [0.0038]	ND [0.0037]	-	ND [0.0038]
SW8151A	2,4-D	mg/kg	200	ND [0.0037]	ND [0.0035]	ND [0.0041]	-	ND [0.0038]	ND [0.0037]	-	ND [0.0038]
SW8151A	2,4-DB	mg/kg	-	ND [0.0037]	ND [0.0035]	ND [0.0041]	-	ND [0.0038]	ND [0.0037]	-	ND [0.0038]
SW8151A	4-Nitrophenol	mg/kg	-	ND [0.0037]	ND [0.0035]	ND [0.0041]	-	ND [0.0038]	ND [0.0037]	-	ND [0.0038]
SW8151A	Dalapon	mg/kg	-	ND [0.015]	ND [0.014]	ND [0.017]	-	ND [0.015]	ND [0.015]	-	ND [0.015]
SW8151A	Dicamba	mg/kg	-	ND [0.0074]	ND [0.007]	ND [0.0082]	-	ND [0.0075]	ND [0.0074]	-	ND [0.0075]
SW8151A	Dichlorprop	mg/kg	-	ND [0.0037]	ND [0.0035]	ND [0.0041]	-	ND [0.0038]	ND [0.0037]	-	ND [0.0038]
SW8151A	Dinoseb	mg/kg	-	ND [0.0037]	ND [0.0035]	ND [0.0041]	-	ND [0.0038]	ND [0.0037]	-	ND [0.0038]
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	ND [0.0037]	ND [0.0035]	ND [0.0041]	-	ND [0.0038]	ND [0.0037]	-	ND [0.0038]
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	ND [0.0037]	ND [0.0035]	ND [0.0041]	-	ND [0.0038]	ND [0.0037]	-	ND [0.0038]
SW8151A	Pentachlorophenol	mg/kg	2000	ND [0.0074]	ND [0.007]	ND [0.0082]	-	ND [0.0075]	ND [0.0074]	-	ND [0.0075]
SW8260	1,1,1,2-Tetrachloroethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,1,1-Trichloroethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0088]	ND [0.0088]	ND [0.008]	ND [0.0088]	ND [0.0097]
SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,1,2-Trichloroethane	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.0088]	ND [0.0088]	ND [0.008]	ND [0.0088]	ND [0.0097]
SW8260	1,1-Dichloroethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,1-Dichloroethene	mg/kg	14	ND [0.018]	ND [0.017]	ND [0.017]	ND [0.015]	ND [0.015]	ND [0.014]	ND [0.015]	ND [0.016]
SW8260	1,1-Dichloropropene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,2,3-Trichlorobenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B42-W03	B42-W04	B48-SS05	Trip Blank	B49-W03	B49-W04	B49-TB03	MW62-SS14
			Sample ID:	11TAKU-B42-SO-W03	11TAKU-B42-SO-W04	11TAKU-B48-SO-W01	TB	11TAKU-B49-SO-W03	11TAKU-B49-SO-W04	11TAKU-B49-TB03	11TAKU-MW62-SO-W01
			Lab Sample ID:	28262-3	28262-4	28179-3	28179-6	28262-5	28262-6	28262-7	28179-1
			Matrix:	SO	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/24/2011	8/24/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/20/2011
			Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QA/QC:	Primary	Primary	Primary	Trip Blank	Primary	Primary	Trip Blank	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**								
SW8260	1,2,3-Trichloropropane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,2,4-Trichlorobenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,2,4-Trimethylbenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,2-Dibromo-3-chloropropane	mg/kg	-	ND [0.18]	ND [0.17]	ND [0.17]	ND [0.15]	ND [0.15]	ND [0.14]	ND [0.15]	ND [0.16]
SW8260	1,2-Dibromoethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,2-Dichlorobenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,2-Dichloroethane	mg/kg	10	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,2-Dichloropropane	mg/kg	-	ND [0.012]	ND [0.012]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.009]	ND [0.01]	ND [0.011]
SW8260	1,3,5-Trimethylbenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,3-Dichlorobenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,3-Dichloropropane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	1,4-Dichlorobenzene	mg/kg	150	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	2,2-Dichloropropane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	2-Butanone	mg/kg	4000	ND [0.37]	ND [0.35]	ND [0.34]	ND [0.3]	ND [0.3]	ND [0.27]	ND [0.3]	ND [0.33]
SW8260	2-Chlorotoluene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	2-Hexanone	mg/kg	-	ND [0.18]	ND [0.17]	ND [0.17]	ND [0.15]	ND [0.15]	ND [0.14]	ND [0.15]	ND [0.16]
SW8260	4-Chlorotoluene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	4-Isopropyltoluene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	4-Methyl-2-pentanone	mg/kg	-	ND [0.18]	ND [0.17]	ND [0.17]	ND [0.15]	ND [0.15]	ND [0.14]	ND [0.15]	ND [0.16]
SW8260	Acetone	mg/kg	-	ND [0.37]	ND [0.35]	ND [0.34]	ND [0.3]	ND [0.3]	ND [0.27]	ND [0.3]	ND [0.33]
SW8260	Benzene	mg/kg	10	ND [0.012]	ND [0.012]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.009]	ND [0.01]	ND [0.011]
SW8260	Bromobenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Bromochloromethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Bromodichloromethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Bromoform	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Bromomethane	mg/kg	-	ND [0.12]	ND [0.12]	ND [0.11]	ND [0.1]	ND [0.1]	ND [0.09]	ND [0.1]	ND [0.11]
SW8260	Carbon disulfide	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Carbon tetrachloride	mg/kg	10	ND [0.018]	ND [0.017]	ND [0.017]	ND [0.015]	ND [0.015]	ND [0.014]	ND [0.015]	ND [0.016]
SW8260	Chlorobenzene	mg/kg	2000	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Chloroethane	mg/kg	-	ND [0.37]	ND [0.35]	ND [0.34]	ND [0.3]	ND [0.3]	ND [0.27]	ND [0.3]	ND [0.33]
SW8260	Chloroform	mg/kg	120	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Chloromethane	mg/kg	-	ND [0.37]	ND [0.35]	ND [0.34]	ND [0.3]	ND [0.3]	ND [0.27]	ND [0.3]	ND [0.33]
SW8260	cis-1,2-Dichloroethene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	cis-1,3-Dichloropropene	mg/kg	-	ND [0.012]	ND [0.012]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.009]	ND [0.01]	ND [0.011]
SW8260	Dibromochloromethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Dibromomethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Dichlorodifluoromethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Ethylbenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Hexachlorobutadiene	mg/kg	10	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Isopropylbenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Methylene chloride	mg/kg	-	0.028 [0.049] J	0.017 [0.046] J	0.028 [0.045] J	ND [0.03]	0.019 [0.04] J	0.016 [0.036] J	ND [0.03]	0.025 [0.044] J
SW8260	Methyl-tert-butyl ether (MTBE)	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Naphthalene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	n-Butylbenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	n-Propylbenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	o-Xylene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	sec-Butylbenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Styrene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	tert-Butylbenzene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Tetrachloroethene (PCE)	mg/kg	14	ND [0.018]	ND [0.017]	ND [0.017]	ND [0.015]	ND [0.015]	ND [0.014]	ND [0.015]	ND [0.016]
SW8260	Toluene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B42-W03	B42-W04	B48-SS05	Trip Blank	B49-W03	B49-W04	B49-TB03	MW62-SS14
			Sample ID:	11TAKU-B42-SO-W03	11TAKU-B42-SO-W04	11TAKU-B48-SO-W01	TB	11TAKU-B49-SO-W03	11TAKU-B49-SO-W04	11TAKU-B49-TB03	11TAKU-MW62-SO-W01
			Lab Sample ID:	28262-3	28262-4	28179-3	28179-6	28262-5	28262-6	28262-7	28179-1
			Matrix:	SO	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/24/2011	8/24/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/20/2011
			Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QA/QC:	Primary	Primary	Primary	Trip Blank	Primary	Primary	Trip Blank	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**								
SW8260	trans-1,2-Dichloroethene	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	trans-1,3-Dichloropropene	mg/kg	-	ND [0.012]	ND [0.012]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.009]	ND [0.01]	ND [0.011]
SW8260	Trichloroethene (TCE)	mg/kg	10	ND [0.012]	ND [0.012]	ND [0.011]	ND [0.01]	ND [0.01]	ND [0.009]	ND [0.01]	ND [0.011]
SW8260	Trichlorofluoromethane	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Vinyl chloride	mg/kg	4	ND [0.0061]	ND [0.0058]	ND [0.0057]	ND [0.005]	ND [0.005]	ND [0.0045]	ND [0.005]	ND [0.0055]
SW8260	Xylene, Isomers m & p	mg/kg	-	ND [0.037]	ND [0.035]	ND [0.034]	ND [0.03]	ND [0.03]	ND [0.027]	ND [0.03]	ND [0.033]
SW8260	Xylenes	mg/kg	-	-	-	-	-	-	-	-	-
SW8270	1,2,4-Trichlorobenzene	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	1,2-Dichlorobenzene	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	1,3-Dichlorobenzene	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	1,4-Dichlorobenzene	mg/kg	150	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	1-Methylnaphthalene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	2,4,5-Trichlorophenol	mg/kg	8000	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	2,4,6-Trichlorophenol	mg/kg	40	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	2,4-Dichlorophenol	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	2,4-Dimethylphenol	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	2,4-Dinitrophenol	mg/kg	-	ND [0.53]	ND [0.51]	ND [0.61]	-	ND [0.54]	ND [0.54]	-	ND [0.55]
SW8270	2,4-Dinitrotoluene	mg/kg	2.6	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	2,6-Dinitrotoluene	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	2-Chloronaphthalene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	2-Chlorophenol	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	2-Methyl-4,6-dinitrophenol	mg/kg	-	ND [0.26]	ND [0.26]	ND [0.3]	-	ND [0.27]	ND [0.27]	-	ND [0.27]
SW8270	2-Methylnaphthalene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	2-Methylphenol (o-Cresol)	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	2-Nitroaniline	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	2-Nitrophenol	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	3,3'-Dichlorobenzidine	mg/kg	-	ND [0.042]	ND [0.041]	ND [0.049]	-	ND [0.043]	ND [0.043]	-	ND [0.044]
SW8270	3-Methylphenol/4-Methylphenol Coelution	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	3-Nitroaniline	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	4-Bromophenyl phenyl ether	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	4-Chloro-3-methylphenol	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	4-Chloroaniline	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	4-Chlorophenyl phenyl ether	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	4-Nitroaniline	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	4-Nitrophenol	mg/kg	-	ND [0.53]	ND [0.51]	ND [0.61]	-	ND [0.54]	ND [0.54]	-	ND [0.55]
SW8270	Acenaphthene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Acenaphthylene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Aniline	mg/kg	-	-	-	-	-	-	-	-	-
SW8270	Anthracene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.023 [0.022] JL+
SW8270	Azobenzene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Benzidine	mg/kg	-	ND [0.42] JL-	ND [0.41] JL-	ND [0.49] JL-	-	ND [0.43] JL-	ND [0.43] JL-	-	ND [0.44] JL-
SW8270	Benzo(a)anthracene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.07 [0.022]
SW8270	Benzo(a)pyrene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.065 [0.033]
SW8270	Benzo(b)fluoranthene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.086 [0.022]
SW8270	Benzo(g,h,i)perylene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.04 [0.027]
SW8270	Benzo(k)fluoranthene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.031 [0.027]
SW8270	Benzoic acid	mg/kg	-	ND [1.1]	ND [1]	ND [1.2]	-	ND [1.1]	ND [1.1]	-	ND [1.1]
SW8270	Benzyl alcohol	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	Benzyl butyl phthalate	mg/kg	-	ND [0.11]	ND [0.1]	ND [0.12]	-	ND [0.11]	ND [0.11]	-	ND [0.11]
SW8270	bis-(2-Chloroethoxy)methane	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B42-W03	B42-W04	B48-SS05	Trip Blank	B49-W03	B49-W04	B49-TB03	MW62-SS14
			Sample ID:	11TAKU-B42-SO-W03	11TAKU-B42-SO-W04	11TAKU-B48-SO-W01	TB	11TAKU-B49-SO-W03	11TAKU-B49-SO-W04	11TAKU-B49-TB03	11TAKU-MW62-SO-W01
			Lab Sample ID:	28262-3	28262-4	28179-3	28179-6	28262-5	28262-6	28262-7	28179-1
			Matrix:	SO	SO	SO	SO	SO	SO	SO	SO
			Sample Date/Time:	8/24/2011	8/24/2011	8/20/2011	8/20/2011	8/24/2011	8/24/2011	8/24/2011	8/20/2011
			Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QA/QC:	Primary	Primary	Primary	Trip Blank	Primary	Primary	Trip Blank	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**								
SW8270	bis-(2-Chloroethyl)ether	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	bis-(2-Ethylhexyl)phthalate	mg/kg	-	ND [0.11]	ND [0.1]	ND [0.12]	-	ND [0.11]	ND [0.11]	-	ND [0.11]
SW8270	Carbazole	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.017 [0.11] J
SW8270	Chrysene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.076 [0.027]
SW8270	Dibenzo(a,h)anthracene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.018 [0.044] J
SW8270	Dibenzofuran	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.0055 [0.11] J,JL+
SW8270	Diethyl phthalate	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	Dimethyl phthalate	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Di-n-butyl phthalate	mg/kg	-	ND [0.11]	ND [0.1]	ND [0.12]	-	ND [0.11]	ND [0.11]	-	ND [0.11]
SW8270	Di-n-octyl phthalate	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Fluoranthene	mg/kg	-	0.0063 [0.021] J	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.12 [0.022]
SW8270	Fluorene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.0087 [0.022] J
SW8270	Hexachlorobenzene	mg/kg	2.6	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Hexachlorobutadiene	mg/kg	10	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	Hexachlorocyclopentadiene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Hexachloroethane	mg/kg	60	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	Indeno(1,2,3-cd)pyrene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.036 [0.044] J
SW8270	Isophorone	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Naphthalene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Nitrobenzene	mg/kg	40	ND [0.053]	ND [0.051]	ND [0.061]	-	ND [0.054]	ND [0.054]	-	ND [0.055]
SW8270	n-Nitrosodimethylamine	mg/kg	-	ND [0.53]	ND [0.51]	ND [0.61]	-	ND [0.54]	ND [0.54]	-	ND [0.55]
SW8270	n-Nitrosodi-n-propylamine	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	n-Nitrosodiphenylamine	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	ND [0.011]
SW8270	Pentachlorophenol	mg/kg	2000	ND [0.053]	ND [0.051]	ND [0.061]	-	ND [0.054]	ND [0.054]	-	ND [0.055]
SW8270	Phenanthrene	mg/kg	-	ND [0.011]	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.11 [0.022]
SW8270	Phenol	mg/kg	-	ND [0.021]	ND [0.02]	ND [0.024]	-	ND [0.021]	ND [0.021]	-	ND [0.022]
SW8270	Pyrene	mg/kg	-	0.0076 [0.021] J	ND [0.01]	ND [0.012]	-	ND [0.011]	ND [0.011]	-	0.11 [0.022]
SW8270	Pyridine	mg/kg	100	ND [0.53]	ND [0.51]	ND [0.61]	-	ND [0.54]	ND [0.54]	-	ND [0.55]

Notes:

[1] Table 1, Maximum Concentration of Contaminants for the Toxicity Characteristic (

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	MW62-SS28	Trip Blank
			Sample ID:	11TAKU-MW62-SO-W02	TB
			Lab Sample ID:	28179-2	28179-6
			Matrix:	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011
			Lab ID:	TATW	TATW
			QA/QC:	Primary	Trip Blank
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**		
8270SIM	1-Methylnaphthalene	mg/kg	-	0.0017 [0.0055] J	-
8270SIM	2-Methylnaphthalene	mg/kg	-	ND [0.0028]	-
8270SIM	Acenaphthene	mg/kg	-	0.0021 [0.0055] J	-
8270SIM	Acenaphthylene	mg/kg	-	ND [0.0028]	-
8270SIM	Anthracene	mg/kg	-	0.0058 [0.0055]	-
8270SIM	Benzo(a)anthracene	mg/kg	-	0.021 [0.0055]	-
8270SIM	Benzo(a)pyrene	mg/kg	-	0.021 [0.0055]	-
8270SIM	Benzo(b)fluoranthene	mg/kg	-	0.029 [0.0055]	-
8270SIM	Benzo(g,h,i)perylene	mg/kg	-	0.011 [0.0055]	-
8270SIM	Benzo(k)fluoranthene	mg/kg	-	0.0089 [0.0055]	-
8270SIM	Chrysene	mg/kg	-	0.022 [0.0055]	-
8270SIM	Dibenzo(a,h)anthracene	mg/kg	-	0.0045 [0.0055] J	-
8270SIM	Fluoranthene	mg/kg	-	0.029 [0.0055]	-
8270SIM	Fluorene	mg/kg	-	0.0026 [0.0055] J	-
8270SIM	Indeno(1,2,3-cd)pyrene	mg/kg	-	0.011 [0.0055]	-
8270SIM	Naphthalene	mg/kg	-	ND [0.0028]	-
8270SIM	Phenanthrene	mg/kg	-	0.025 [0.0055]	-
8270SIM	Pyrene	mg/kg	-	0.03 [0.0055]	-
AK101	Gasoline Range Organics	mg/kg	-	6 [8.9] J	ND [1.1]
AK102	Diesel Range Organics	mg/kg	-	9.2 [23] J	-
AK103	Residual Range Organics	mg/kg	-	41 [57] J	-
OCPSTSM	4,4'-DDD	mg/kg	-	-	-
OCPSTSM	4,4'-DDE	mg/kg	-	-	-
OCPSTSM	4,4'-DDT	mg/kg	-	-	-
OCPSTSM	Aldrin	mg/kg	-	-	-
OCPSTSM	alpha-BHC	mg/kg	-	-	-
OCPSTSM	alpha-Chlordane	mg/kg	0.6	-	-
OCPSTSM	beta-BHC	mg/kg	-	-	-
OCPSTSM	Chlordane	mg/kg	0.6	-	-
OCPSTSM	delta-BHC	mg/kg	-	-	-
OCPSTSM	Dieldrin	mg/kg	-	-	-
OCPSTSM	Endosulfan I	mg/kg	-	-	-
OCPSTSM	Endosulfan II	mg/kg	-	-	-
OCPSTSM	Endosulfan sulfate	mg/kg	-	-	-
OCPSTSM	Endrin	mg/kg	0.4	-	-
OCPSTSM	Endrin aldehyde	mg/kg	-	-	-
OCPSTSM	Endrin ketone	mg/kg	-	-	-
OCPSTSM	gamma-BHC (Lindane)	mg/kg	8	-	-
OCPSTSM	gamma-Chlordane	mg/kg	0.6	-	-
OCPSTSM	Heptachlor	mg/kg	-	-	-
OCPSTSM	Heptachlor epoxide	mg/kg	-	-	-
OCPSTSM	Methoxychlor	mg/kg	200	-	-
OCPSTSM	Toxaphene	mg/kg	10	-	-
SW6020	Arsenic	mg/kg	100	10 [0.5]	-
SW6020	Barium	mg/kg	2000	96 [0.2]	-
SW6020	Cadmium	mg/kg	20	0.23 [0.2]	-
SW6020	Chromium	mg/kg	100	16 [0.2]	-
SW6020	Lead	mg/kg	100	9.5 [0.2]	-
SW6020	Selenium	mg/kg	20	0.54 [0.7] J	-
SW6020	Silver	mg/kg	100	0.12 [0.2] J	-
SW7471	Mercury	mg/kg	4	0.024 [0.017]	-

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	MW62-SS28	Trip Blank
			Sample ID:	11TAKU-MW62-SO-W02	TB
			Lab Sample ID:	28179-2	28179-6
			Matrix:	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011
			Lab ID:	TATW	TATW
			QA/QC:	Primary	Trip Blank
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**		
SW8081	4,4'-DDD	mg/kg	-	0.05 [0.0022]	-
SW8081	4,4'-DDE	mg/kg	-	0.42 [0.045]	-
SW8081	4,4'-DDT	mg/kg	-	1.9 [0.045]	-
SW8081	Aldrin	mg/kg	-	ND [0.00056]	-
SW8081	alpha-BHC	mg/kg	-	ND [0.00056]	-
SW8081	alpha-Chlordane	mg/kg	0.6	ND [0.00033]	-
SW8081	beta-BHC	mg/kg	-	ND [0.00056]	-
SW8081	delta-BHC	mg/kg	-	ND [0.00033]	-
SW8081	Dieldrin	mg/kg	-	ND [0.00033]	-
SW8081	Endosulfan I	mg/kg	-	ND [0.00033]	-
SW8081	Endosulfan II	mg/kg	-	ND [0.00056]	-
SW8081	Endosulfan sulfate	mg/kg	-	ND [0.00033]	-
SW8081	Endrin	mg/kg	0.4	ND [0.00033]	-
SW8081	Endrin aldehyde	mg/kg	-	ND [0.00056]	-
SW8081	Endrin ketone	mg/kg	-	0.00096 [0.0022] J	-
SW8081	gamma-BHC (Lindane)	mg/kg	8	ND [0.00033]	-
SW8081	gamma-Chlordane	mg/kg	0.6	ND [0.00033]	-
SW8081	Heptachlor	mg/kg	-	ND [0.00056]	-
SW8081	Heptachlor epoxide	mg/kg	-	ND [0.00033]	-
SW8081	Methoxychlor	mg/kg	200	ND [0.00056]	-
SW8081	Toxaphene	mg/kg	10	ND [0.056]	-
SW8082	PCB-1016 (Aroclor 1016)	mg/kg	-	ND [0.0056]	-
SW8082	PCB-1221 (Aroclor 1221)	mg/kg	-	ND [0.0089]	-
SW8082	PCB-1232 (Aroclor 1232)	mg/kg	-	ND [0.0089]	-
SW8082	PCB-1242 (Aroclor 1242)	mg/kg	-	ND [0.0056]	-
SW8082	PCB-1248 (Aroclor 1248)	mg/kg	-	ND [0.0033]	-
SW8082	PCB-1254 (Aroclor 1254)	mg/kg	-	ND [0.0056]	-
SW8082	PCB-1260 (Aroclor 1260)	mg/kg	-	ND [0.0056]	-
SW8151A	2,4,5-T	mg/kg	-	ND [0.0038]	-
SW8151A	2,4,5-TP (Silvex)	mg/kg	20	ND [0.0038]	-
SW8151A	2,4-D	mg/kg	200	ND [0.0038]	-
SW8151A	2,4-DB	mg/kg	-	ND [0.0038]	-
SW8151A	4-Nitrophenol	mg/kg	-	ND [0.0038]	-
SW8151A	Dalapon	mg/kg	-	ND [0.015]	-
SW8151A	Dicamba	mg/kg	-	ND [0.0076]	-
SW8151A	Dichlorprop	mg/kg	-	ND [0.0038]	-
SW8151A	Dinoseb	mg/kg	-	ND [0.0038]	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	-	ND [0.0038]	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	mg/kg	-	ND [0.0038]	-
SW8151A	Pentachlorophenol	mg/kg	2000	ND [0.0076]	-
SW8260	1,1,1,2-Tetrachloroethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,1,1-Trichloroethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	-	ND [0.02]	ND [0.0088]
SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,1,2-Trichloroethane	mg/kg	-	ND [0.02]	ND [0.0088]
SW8260	1,1-Dichloroethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,1-Dichloroethene	mg/kg	14	ND [0.034]	ND [0.015]
SW8260	1,1-Dichloropropene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,2,3-Trichlorobenzene	mg/kg	-	ND [0.067]	ND [0.03]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	MW62-SS28	Trip Blank
			Sample ID:	11TAKU-MW62-SO-W02	TB
			Lab Sample ID:	28179-2	28179-6
			Matrix:	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011
			Lab ID:	TATW	TATW
			QA/QC:	Primary	Trip Blank
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**		
SW8260	1,2,3-Trichloropropane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,2,4-Trichlorobenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,2,4-Trimethylbenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,2-Dibromo-3-chloropropane	mg/kg	-	ND [0.34]	ND [0.15]
SW8260	1,2-Dibromoethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,2-Dichlorobenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,2-Dichloroethane	mg/kg	10	ND [0.067]	ND [0.03]
SW8260	1,2-Dichloropropane	mg/kg	-	ND [0.022]	ND [0.01]
SW8260	1,3,5-Trimethylbenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,3-Dichlorobenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,3-Dichloropropane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	1,4-Dichlorobenzene	mg/kg	150	ND [0.067]	ND [0.03]
SW8260	2,2-Dichloropropane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	2-Butanone	mg/kg	4000	ND [0.67]	ND [0.3]
SW8260	2-Chlorotoluene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	2-Hexanone	mg/kg	-	ND [0.34]	ND [0.15]
SW8260	4-Chlorotoluene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	4-Isopropyltoluene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	4-Methyl-2-pentanone	mg/kg	-	ND [0.34]	ND [0.15]
SW8260	Acetone	mg/kg	-	ND [0.67]	ND [0.3]
SW8260	Benzene	mg/kg	10	ND [0.022]	ND [0.01]
SW8260	Bromobenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Bromochloromethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Bromodichloromethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Bromoform	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Bromomethane	mg/kg	-	ND [0.22]	ND [0.1]
SW8260	Carbon disulfide	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Carbon tetrachloride	mg/kg	10	ND [0.034]	ND [0.015]
SW8260	Chlorobenzene	mg/kg	2000	ND [0.067]	ND [0.03]
SW8260	Chloroethane	mg/kg	-	ND [0.67]	ND [0.3]
SW8260	Chloroform	mg/kg	120	ND [0.067]	ND [0.03]
SW8260	Chloromethane	mg/kg	-	ND [0.67]	ND [0.3]
SW8260	cis-1,2-Dichloroethene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	cis-1,3-Dichloropropene	mg/kg	-	ND [0.022]	ND [0.01]
SW8260	Dibromochloromethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Dibromomethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Dichlorodifluoromethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Ethylbenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Hexachlorobutadiene	mg/kg	10	ND [0.067]	ND [0.03]
SW8260	Isopropylbenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Methylene chloride	mg/kg	-	0.06 [0.089] J	ND [0.03]
SW8260	Methyl-tert-butyl ether (MTBE)	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Naphthalene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	n-Butylbenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	n-Propylbenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	o-Xylene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	sec-Butylbenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Styrene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	tert-Butylbenzene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Tetrachloroethene (PCE)	mg/kg	14	ND [0.034]	ND [0.015]
SW8260	Toluene	mg/kg	-	ND [0.067]	ND [0.03]

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	MW62-SS28	Trip Blank
			Sample ID:	11TAKU-MW62-SO-W02	TB
			Lab Sample ID:	28179-2	28179-6
			Matrix:	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011
			Lab ID:	TATW	TATW
			QA/QC:	Primary	Trip Blank
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**		
SW8260	trans-1,2-Dichloroethene	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	trans-1,3-Dichloropropene	mg/kg	-	ND [0.022]	ND [0.01]
SW8260	Trichloroethene (TCE)	mg/kg	10	ND [0.022]	ND [0.01]
SW8260	Trichlorofluoromethane	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Vinyl chloride	mg/kg	4	ND [0.011]	ND [0.005]
SW8260	Xylene, Isomers m & p	mg/kg	-	ND [0.067]	ND [0.03]
SW8260	Xylenes	mg/kg	-	-	-
SW8270	1,2,4-Trichlorobenzene	mg/kg	-	ND [0.022]	-
SW8270	1,2-Dichlorobenzene	mg/kg	-	ND [0.022]	-
SW8270	1,3-Dichlorobenzene	mg/kg	-	ND [0.022]	-
SW8270	1,4-Dichlorobenzene	mg/kg	150	ND [0.022]	-
SW8270	1-Methylnaphthalene	mg/kg	-	ND [0.011]	-
SW8270	2,4,5-Trichlorophenol	mg/kg	8000	ND [0.022]	-
SW8270	2,4,6-Trichlorophenol	mg/kg	40	ND [0.022]	-
SW8270	2,4-Dichlorophenol	mg/kg	-	ND [0.022]	-
SW8270	2,4-Dimethylphenol	mg/kg	-	ND [0.022]	-
SW8270	2,4-Dinitrophenol	mg/kg	-	ND [0.55]	-
SW8270	2,4-Dinitrotoluene	mg/kg	2.6	ND [0.022]	-
SW8270	2,6-Dinitrotoluene	mg/kg	-	ND [0.022]	-
SW8270	2-Chloronaphthalene	mg/kg	-	ND [0.011]	-
SW8270	2-Chlorophenol	mg/kg	-	ND [0.022]	-
SW8270	2-Methyl-4,6-dinitrophenol	mg/kg	-	ND [0.28]	-
SW8270	2-Methylnaphthalene	mg/kg	-	ND [0.011]	-
SW8270	2-Methylphenol (o-Cresol)	mg/kg	-	ND [0.022]	-
SW8270	2-Nitroaniline	mg/kg	-	ND [0.022]	-
SW8270	2-Nitrophenol	mg/kg	-	ND [0.022]	-
SW8270	3,3'-Dichlorobenzidine	mg/kg	-	ND [0.044]	-
SW8270	3-Methylphenol/4-Methylphenol Coelution	mg/kg	-	ND [0.022]	-
SW8270	3-Nitroaniline	mg/kg	-	ND [0.022]	-
SW8270	4-Bromophenyl phenyl ether	mg/kg	-	ND [0.022]	-
SW8270	4-Chloro-3-methylphenol	mg/kg	-	ND [0.022]	-
SW8270	4-Chloroaniline	mg/kg	-	ND [0.022]	-
SW8270	4-Chlorophenyl phenyl ether	mg/kg	-	ND [0.022]	-
SW8270	4-Nitroaniline	mg/kg	-	ND [0.022]	-
SW8270	4-Nitrophenol	mg/kg	-	ND [0.55]	-
SW8270	Acenaphthene	mg/kg	-	ND [0.011]	-
SW8270	Acenaphthylene	mg/kg	-	ND [0.011]	-
SW8270	Aniline	mg/kg	-	-	-
SW8270	Anthracene	mg/kg	-	0.0072 [0.022] J,JL+	-
SW8270	Azobenzene	mg/kg	-	ND [0.011]	-
SW8270	Benzidine	mg/kg	-	ND [0.44] JL-	-
SW8270	Benzo(a)anthracene	mg/kg	-	0.032 [0.022]	-
SW8270	Benzo(a)pyrene	mg/kg	-	0.029 [0.033] J	-
SW8270	Benzo(b)fluoranthene	mg/kg	-	0.041 [0.022]	-
SW8270	Benzo(g,h,i)perylene	mg/kg	-	0.016 [0.028] J	-
SW8270	Benzo(k)fluoranthene	mg/kg	-	0.0084 [0.028] J	-
SW8270	Benzoic acid	mg/kg	-	ND [1.1]	-
SW8270	Benzyl alcohol	mg/kg	-	ND [0.022]	-
SW8270	Benzyl butyl phthalate	mg/kg	-	ND [0.11]	-
SW8270	bis-(2-Chloroethoxy)methane	mg/kg	-	ND [0.011]	-

Table B-1-2j
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	MW62-SS28	Trip Blank
			Sample ID:	11TAKU-MW62-SO-W02	TB
			Lab Sample ID:	28179-2	28179-6
			Matrix:	SO	SO
			Sample Date/Time:	8/20/2011	8/20/2011
			Lab ID:	TATW	TATW
			QA/QC:	Primary	Trip Blank
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**		
SW8270	bis-(2-Chloroethyl)ether	mg/kg	-	ND [0.022]	-
SW8270	bis(2-Chloroisopropyl)ether	mg/kg	-	ND [0.022]	-
SW8270	bis-(2-Ethylhexyl)phthalate	mg/kg	-	ND [0.11]	-
SW8270	Carbazole	mg/kg	-	0.01 [0.11] J	-
SW8270	Chrysene	mg/kg	-	0.03 [0.028]	-
SW8270	Dibenzo(a,h)anthracene	mg/kg	-	ND [0.011]	-
SW8270	Dibenzofuran	mg/kg	-	ND [0.011]	-
SW8270	Diethyl phthalate	mg/kg	-	0.02 [0.22] J,JL+	-
SW8270	Dimethyl phthalate	mg/kg	-	ND [0.011]	-
SW8270	Di-n-butyl phthalate	mg/kg	-	ND [0.11]	-
SW8270	Di-n-octyl phthalate	mg/kg	-	ND [0.011]	-
SW8270	Fluoranthene	mg/kg	-	0.044 [0.022]	-
SW8270	Fluorene	mg/kg	-	ND [0.011]	-
SW8270	Hexachlorobenzene	mg/kg	2.6	ND [0.011]	-
SW8270	Hexachlorobutadiene	mg/kg	10	ND [0.022]	-
SW8270	Hexachlorocyclopentadiene	mg/kg	-	ND [0.011]	-
SW8270	Hexachloroethane	mg/kg	60	ND [0.022]	-
SW8270	Indeno(1,2,3-cd)pyrene	mg/kg	-	0.014 [0.044] J	-
SW8270	Isophorone	mg/kg	-	ND [0.011]	-
SW8270	Naphthalene	mg/kg	-	ND [0.011]	-
SW8270	Nitrobenzene	mg/kg	40	ND [0.055]	-
SW8270	n-Nitrosodimethylamine	mg/kg	-	ND [0.55]	-
SW8270	n-Nitrosodi-n-propylamine	mg/kg	-	ND [0.022]	-
SW8270	n-Nitrosodiphenylamine	mg/kg	-	ND [0.011]	-
SW8270	Pentachlorophenol	mg/kg	2000	ND [0.055]	-
SW8270	Phenanthrene	mg/kg	-	0.034 [0.022]	-
SW8270	Phenol	mg/kg	-	ND [0.022]	-
SW8270	Pyrene	mg/kg	-	0.045 [0.022]	-
SW8270	Pyridine	mg/kg	100	ND [0.55]	-

Notes:

[1] Table 1, Maximum Concentration of Contaminants for the Toxicity Characteristic (

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

For additional definitions, refer to the Data Quality Assessment.

Table B-1-2k
2011 Former Communications Site Construction Support - Waste Laboratory Results

			Location ID:	B24-SS07
			Sample ID:	11TAKU-B24-SO-W01
			Lab Sample ID:	28179-4
			Matrix:	SO
			Sample Date/Time:	8/20/2011
			Lab ID:	TATW
			QA/QC:	Primary
Method	**Analyte**	**Units**	**RCRA TCLP Concentration[1]**	
SW6010B	Lead	mg/L	5	2 [0.03]

Notes:
[1] Table 1, Maximum Concentration of Contaminants for the Toxicity Characteristic (McCoy
– = not analyzed
[ ] = limit of quantitation (LOQ) if analyte is detected
[ ] = limit of detection (LOD) if analyte result is nondetect
BOLD = Exceeds ADEC Most Stringent Criteria
mg/kg = milligram per kilogram
ND = nondetect
QA/QC - quality assurance/quality control
SO - Soil
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For additional definitions, refer to the Data Quality Assessment.

Table B-1-3a
2011 Former Communications Site Construction Support - Area B8 ADEC Exceedances

					Location ID:	B08-C01	B08-C02	B08-C02	B08-C03	B08-C04	B08-C05
					Sample ID:	11TAKU-B08-SO6-C01	11TAKU-B08-SO7-C02	11TAKU-B08-SO7-C02	11TAKU-B08-SO6-C03	11TAKU-B08-SO5-C04	11TAKU-B08-SO7-C05
					Lab Sample ID:	1118873001	1118873002	28771-2	1118873003	1118985001	1118985002
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/19/2011 1620	9/19/2011 1630	9/19/2011 1630	9/20/2011 1150	10/6/2011 0808	10/6/2011 0817
					Lab ID:	SGSA	SGSA	TADC	SGSA	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
AK102	-	Diesel Range Organics	mg/kg	250	-	**31900 [2050]**	**13500 [1070]**	-	ND [12.3]	8.45 [23.6] J	**13000 [1120]**
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**14.6 [1.06]**	**10.9 [1.02]**	-	2.59 [0.91]	**12.6 [1.18]**	**12.5 [1.13]**
SW6020	7440-47-3	Chromium	mg/kg	25	180000	21.4 [0.423]	20.4 [0.409]	-	6.68 [0.364]	18.7 [0.473]	21.1 [0.452]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [1.53] E*	*ND [0.942] E*	-	**0.0368 [0.111] J**	**0.195 [0.213] J**	**0.21 [0.237] J**
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	**2.5 [0.25] JS+**	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

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[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3a
2011 Former Communications Site Construction Support - Area B8 ADEC Exceedances

					Location ID:	B08-C06	B08-C07	B08-C08	B08-C09	B08-C13	B08-C14
					Sample ID:	11TAKU-B08-SO7-C06	11TAKU-B08-SO8-C07	11TAKU-B08-SO6-C08	11TAKU-B08-SO6-C09	11TAKU-B08-SO12-C13	11TAKU-B08-SO12-C14
					Lab Sample ID:	1118985003	1118985004	1118985005	1118985008	1118985012	1118985013
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 0817	10/6/2011 0828	10/6/2011 0843	10/6/2011 0851	10/6/2011 1623	10/6/2011 1629
					Lab ID:	SGSA	SGSA	SGSA	SGSA	SGSA	SGSA
					QA/QC:	Duplicate	Primary	Primary	Primary	Duplicate	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
AK102	-	Diesel Range Organics	mg/kg	250	-	**14800 [1130]**	ND [12.6]	47 [25.7]	22.9 [25.8] J	67.2 [21.2]	**2310 [101]**
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**11.7 [1.12]**	**4.38 [0.953]**	**11.7 [1.3]**	**13.7 [1.29]**	**4.44 [1.05]**	**4.13 [0.989]**
SW6020	7440-47-3	Chromium	mg/kg	25	180000	21.6 [0.449]	12.1 [0.381]	**28.4 [0.518]**	**26.1 [0.516]**	10.7 [0.422]	8.22 [0.395]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.13] E*	**0.0726 [0.0981] J**	*ND [0.16] E*	*ND [0.161] E*	**0.0999 [0.153] J**	**0.109 [0.0961]**
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

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italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

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Table B-1-3a
2011 Former Communications Site Construction Support - Area B8 ADEC Exceedances

					Location ID:	B08-C15	B08-C16	B08-C17	B08-C18	B08-C19	B08-C20
					Sample ID:	11TAKU-B08-SO8-C15	11TAKU-B08-SO9-C16	11TAKU-B08-SO6-C17	11TAKU-B08-SO4-C18	11TAKU-B08-SO1-C19	11TAKU-B08-SO4-C20
					Lab Sample ID:	1118985014	1118985015	1118985016	1118985017	1118985018	1118985019
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1636	10/6/2011 1640	10/6/2011 1644	10/6/2011 1647	10/6/2011 1652	10/6/2011 1656
					Lab ID:	SGSA	SGSA	SGSA	SGSA	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
AK102	-	Diesel Range Organics	mg/kg	250	-	**5700 [215]**	**425 [20.1]**	**528 [22.5]**	**1400 [104]**	15.1 [21.4] J	ND [13.9]
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**10.3 [1.07]**	3.15 [1]	**10.9 [1.12]**	**6.74 [0.988]**	**7.76 [1.06]**	**11.4 [1.1]**
SW6020	7440-47-3	Chromium	mg/kg	25	180000	17.6 [0.427]	8.43 [0.401]	18.1 [0.446]	13.1 [0.395]	13.7 [0.422]	18.9 [0.44]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.0739 [0.166] J**	**0.0929 [0.0994] J**	**0.176 [0.201] J**	**0.0862 [0.124] J**	*ND [0.0814] E*	*ND [0.109] E*
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

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[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3a
2011 Former Communications Site Construction Support - Area B8 ADEC Exceedances

					Location ID:	B08-C21	B08-C22	B08-C23	B08-C24	B08-C27	B08-W01
					Sample ID:	11TAKU-B08-SO5-C21	11TAKU-B08-SO4-C22	11TAKU-B08-SO2-C23	11TAKU-B08-SO2-C24	11TAKU-B08-SB01-C27	11TAKU-B08-SO1-W01
					Lab Sample ID:	1118985020	1118985021	1118985022	1118985023	29621-3	1118819001
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	10/6/2011 1700	10/6/2011 1706	10/6/2011 1709	10/6/2011 1714	10/31/2011 1450	9/8/2011 1259
					Lab ID:	SGSA	SGSA	SGSA	SGSA	TATW	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**						
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [13.4]	10.4 [21.7] J	ND [13.4]	**838 [101]**	**4800 [21]**	**5870 [218]**
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**9 [1.06]**	**10.5 [1.08]**	**11.2 [1.02]**	**5.14 [0.995]**	-	**11.6 [1.02]**
SW6020	7440-47-3	Chromium	mg/kg	25	180000	16.1 [0.425]	18.7 [0.433]	18.7 [0.408]	11.4 [0.398]	-	18.9 [0.407]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.0895 [0.15] J**	*ND [0.103] E*	**0.147 [0.151] J**	**0.108 [0.121] J**	0.0087 [0.03] J	*ND [0.113] E*
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

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[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3a
2011 Former Communications Site Construction Support - Area B8 ADEC Exceedances

					Location ID:	B08-W02
					Sample ID:	11TAKU-B08-SO2-W02
					Lab Sample ID:	1118819002
					Matrix:	SO
					Sample Date/Time:	9/8/2011 1311
					Lab ID:	SGSA
					QA/QC:	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent Criteria[1]**	**EPA MCL Criteria[2]**	
AK102	-	Diesel Range Organics	mg/kg	250	-	**2830 [204]**
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**12 [0.997]**
SW6020	7440-47-3	Chromium	mg/kg	25	180000	16.6 [0.399]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.0668] E*
SW8330	35572-78-2	2-Amino-4,6-dinitrotoluene	mg/kg	0.029	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3b
2011 Former Communications Site Construction Support - Area B24 ADEC Exceedances

					Location ID:	B24-C01	B24-C02	B24-C03	B24-C04	B24-C05	B24-C06	B24-C07
					Sample ID:	11TAKU-B24-SO3-C01	11TAKU-B24-SO3-C02	11TAKU-B24-SO4-C03	11TAKU-B24-SO4-C04	11TAKU-B24-SO3-C05	11TAKU-B24-SO3-C06	11TAKU-B24-SO3-C07
					Lab Sample ID:	27865-1	27865-2	27865-3	27865-4	27865-5	27865-6	27865-7
					Matrix:	SO	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1120	8/6/2011 1125	8/6/2011 1130	8/6/2011 1130	8/6/2011 1135	8/6/2011 1140	8/6/2011 1145
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**							
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**10 [0.53]**	**11 [0.48]**	**4.8 [0.44]**	**4.6 [0.47]**	**4.2 [0.44]**	**12 [0.41]**	**12 [0.54]**
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.036] E*	*ND [0.035] E*	*ND [0.031] E*	**0.018 [0.043] J**	**0.089 [0.043]**	*ND [0.036] E*	*ND [0.037] E*

Notes:
[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)
[2] EPA Region 9 PRGs (EPA May 2010)
* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)
mg/kg = milligram per kilogram
ND = nondetect
QA/QC - quality assurance/quality control
SO - Soil
TATW-Test America Tacoma, Washington
TADC-Test America Denver, Colorado
SGSA-SGS Anchorage, Alaska
– = not analyzed or not available
[ ] = limit of quantitation (LOQ) if analyte is detected
[ ] = limit of detection (LOD) if analyte result is nondetect
BOLD = Exceeds ADEC Most Stringent Criteria
italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level
For additional definitions, refer to the Data Quality Assessment.

Table B-1-3c
2011 Former Communications Site Construction Support - Area B27 ADEC Exceedances

					Location ID:	B27-C01	B27-C02	B27-C03	B27-C04	B27-C05	B27-C06
					Sample ID:	11TAKU-B27-SO01-C01	11TAKU-B27-SO04-C02	11TAKU-B27-SO04-C03	11TAKU-B27-SO04-C04	11TAKU-B27-SO02-C05	11TAKU-B27-SO03-C06
					Lab Sample ID:	27820-1	27820-2	27820-3	27820-4	27820-5	27820-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/3/2011 1833	8/3/2011 1835	8/3/2011 1835	8/3/2011 1841	8/3/2011 1844	8/3/2011 1848
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Duplicate	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**18 [0.64]**	**8.8 [0.5]**	**7.9 [0.52]**	**18 [0.66]**	**18 [0.56]**	**19 [0.59]**
SW6020	7440-47-3	Chromium	mg/kg	25	180000	22 [0.26]	16 [0.2]	14 [0.21]	22 [0.26]	**36 [0.23]**	**37 [0.24]**
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.033 [0.037] J**	**0.033 [0.042] J**	**0.027 [0.032] J**	**0.033 [0.043] J**	**0.032 [0.037] J**	**0.033 [0.038] J**
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [0.066] E*	*ND [0.05] E*	*ND [0.05] E*	*ND [0.065] E*	*ND [0.056] E*	**0.14 [0.23] J**

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

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[ ] = limit of quantitation (LOQ) if analyte is detected

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BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3d
2011 Former Communications Site Construction Support - Area B38 ADEC Exceedances

					Location ID:	B38-C01	B38-C02	B38-C03	B38-C04	B38-C05	B38-C06
					Sample ID:	11TAKU-B38-SO3-C01	11TAKU-B38-SO3-C02	11TAKU-B38-SO1-C03	11TAKU-B38-SO2-C04	11TAKU-B38-SO1-C05	11TAKU-B38-SO1-C06
					Lab Sample ID:	1118887001	1118887004	1118887005	1118887006	1118927001	1118927002
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/20/2011 1625	9/20/2011 1625	9/20/2011 1635	9/20/2011 1641	9/28/2011 1152	9/28/2011 1204
					Lab ID:	SGSA	SGSA	SGSA	SGSA	SGSA	SGSA
					QA/QC:	Primary	Duplicate	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
AK102	-	Diesel Range Organics	mg/kg	250	-	39 [21.7]	25.3 [21.5]	29.4 [23.5]	ND [13]	25.1 [22.4]	13.5 [22.9] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**6.85 [1.05]**	**6.91 [0.995]**	**13 [1.18]**	**6.11 [0.954]**	**7.29 [1.05]**	**8.7 [1.15]**
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	*ND [0.0262] E*	ND [0.021]	**0.0285 [0.0297] J,JS-**	ND [0.0125]	ND [0.0234]	ND [0.0246]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.208] E*	*ND [0.166] E*	*ND [0.147] JS- E*	*ND [0.0994] E*	*ND [0.185] E*	**0.135 [0.315] J,JC+**
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	**0.073 [0.042] JD**	*ND [0.021] JD E*	ND [0.0185] JS-	ND [0.0125]	*ND [0.0234] E*	*ND [0.0246] E*

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

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For additional definitions, refer to the Data Quality Assessment.

Table B-1-3d
2011 Former Communications Site Construction Support - Area B38 ADEC Exceedances

					Location ID:	B38-C07	B38-C08	B38-C09	B38-C10	B38-C11	B38-C12
					Sample ID:	11TAKU-B38-SO2-C07	11TAKU-B38-SO2-C08	11TAKU-B38-SO2-C09	11TAKU-B38-SO3-C10	11TAKU-B38-SO4-C11	11TAKU-B38-SO4-C12
					Lab Sample ID:	1118927003	1118927004	1118927005	1118927006	1118927007	1118927008
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1208	9/28/2011 1212	9/28/2011 1357	9/28/2011 1401	9/28/2011 1405	9/28/2011 1412
					Lab ID:	SGSA	SGSA	SGSA	SGSA	SGSA	SGSA
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
AK102	-	Diesel Range Organics	mg/kg	250	-	12.3 [23.3] J	14.8 [24.2] J	ND [13.4]	ND [13.6]	ND [13.7]	ND [13.3]
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**11.3 [1.07]**	**12.6 [1.2]**	**8.57 [1.07]**	**10.8 [1.08]**	**12.1 [1.11]**	**10.8 [0.982]**
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0184]	ND [0.02]	ND [0.015]	ND [0.0173]	ND [0.0167]	ND [0.0204]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.146] E*	*ND [0.159] E*	*ND [0.12] E*	0.0744 [0.222] J,JC+	*ND [0.133] E*	*ND [0.163] E*
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0184]	ND [0.02]	ND [0.015]	ND [0.0173]	ND [0.0167]	*ND [0.0204] E*

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

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italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3d
2011 Former Communications Site Construction Support - Area B38 ADEC Exceedances

					Location ID:	B38-C13	B38-C14	B38-C15	B38-W01
					Sample ID:	11TAKU-B38-SO4-C13	11TAKU-B38-SO4-C14	11TAKU-B38-SO4-C15	11TAKU-B38-S01-W01
					Lab Sample ID:	1118927011	1118927012	1118927013	28623-1
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	9/28/2011 1419	9/28/2011 1419	9/28/2011 1424	9/10/2011 1232
					Lab ID:	SGSA	SGSA	SGSA	TATW
					QA/QC:	Primary	Duplicate	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
AK102	-	Diesel Range Organics	mg/kg	250	-	ND [13.8]	ND [13.7]	ND [13.8]	**472 [23.3]**
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**12.8 [1.09]**	**12.4 [1.06]**	**11.5 [1.1]**	**10.6 [1.11]**
SW8260	71-43-2	Benzene	mg/kg	0.025	0.0026	ND [0.0184]	ND [0.018]	ND [0.0152]	ND [0.0212]
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	*ND [0.146] E*	*ND [0.143] E*	*ND [0.121] E*	*ND [0.168] E*
SW8260	79-01-6	Trichloroethene (TCE)	mg/kg	0.02	0.0018	ND [0.0184]	ND [0.018]	ND [0.0152]	*ND [0.0212] E*

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

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BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3e
2011 Former Communications Site Construction Support - Area B42 ADEC Exceedances

					Location ID:	B42-C01	B42-C02	B42-C03	B42-C04	B42-C05	B42-C06	B42-C07
					Sample ID:	11TAKU-B42-SO1-C01	11TAKU-B42-SO1-C02	11TAKU-B42-SO1-C03	11TAKU-B42-SO2-C04	11TAKU-B42-SO1-C05	11TAKU-B42-SO1-C06	11TAKU-B42-SO1-C07
					Lab Sample ID:	27869-1	27869-2	27869-3	27869-4	27869-5	27869-6	27869-7
					Matrix:	SO	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1135	8/6/2011 1138	8/6/2011 1142	8/6/2011 1145	8/6/2011 1149	8/6/2011 1151	8/6/2011 1155
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**							
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**12 [0.55]**	**10 [0.49]**	**11 [0.49]**	**11 [0.53]**	**14 [0.48]**	**11 [0.52]**	**11 [0.48]**

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

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TATW-Test America Tacoma, Washington

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italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3e
2011 Former Communications Site Construction Support - Area B42 ADEC Exceedances

					Location ID:	B42-C08	B42-C09	B42-C10	B42-C11	B42-C12	B42-C13	B42-C14
					Sample ID:	11TAKU-B42-SO1-C08	11TAKU-B42-SO1-C09	11TAKU-B42-SO1-C10	11TAKU-B42-SO1-C11	11TAKU-B42-SO2-C12	11TAKU-B42-SO2-C13	11TAKU-B42-SO2-C14
					Lab Sample ID:	27869-8	27869-9	27869-10	27869-11	27869-12	27869-13	27869-14
					Matrix:	SO	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1158	8/6/2011 1201	8/6/2011 1204	8/6/2011 1208	8/6/2011 1215	8/6/2011 1218	8/6/2011 1225
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**							
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**7.3 [0.45]**	**10 [0.54]**	**9.9 [0.52]**	**12 [0.56]**	**9.4 [0.47]**	**10 [0.53]**	**9.8 [0.48]**

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor

mg/kg = milligram per kilogram

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Table B-1-3e
2011 Former Communications Site Construction Support - Area B42 ADEC Exceedances

					Location ID:	B42-C15	B42-C16	B42-C18	B42-C19	B42-C20	B42-C21	B42-C22
					Sample ID:	11TAKU-B42-SO5-C15	11TAKU-B42-SO5-C16	11TAKU-B42-SO5-C18	11TAKU-B42-SO3-C19	11TAKU-B42-SO1-C20	11TAKU-B42-SO1-C21	11TAKU-B42-SO1-C22
					Lab Sample ID:	27869-15	27869-16	27869-18	27869-19	27869-20	27869-21	27869-22
					Matrix:	SO	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1229	8/6/2011 1229	8/6/2011 1239	8/6/2011 1243	8/6/2011 1245	8/6/2011 1249	8/6/2011 1208
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Duplicate	Primary	Primary	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**							
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**8.1 [0.46]**	**8.2 [0.47]**	**8.5 [0.54]**	**12 [0.53]**	**8.6 [0.51]**	**10 [0.53]**	**11 [0.54]**

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

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BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup leve

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3e
2011 Former Communications Site Construction Support - Area B42 ADEC Exceedances

					Location ID:	B42-C23	B42-C24	B42-C25
					Sample ID:	11TAKU-B42-SO2-C23	11TAKU-B42-SO2-C24	11TAKU-B42-SO2-C25
					Lab Sample ID:	27869-23	27869-24	27869-25
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/6/2011 1254	8/6/2011 1254	8/6/2011 1303
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Duplicate	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**8.5 [0.53]**	**8.5 [0.51]**	**8.6 [0.5]**

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor

mg/kg = milligram per kilogram

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[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup leve

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3f
2011 Former Communications Site Construction Support - Area B48 ADEC Exceedances

					Location ID:	B48-C01	B48-C02	B48-C03	B48-C04	B48-C05	B48-C06
					Sample ID:	11TAKU-B48-SO10-C01	11TAKU-B48-SO10-C02	11TAKU-B48-SO10-C03	11TAKU-B48-SO8-C04	11TAKU-B48-SO8-C05	11TAKU-B48-SO8-C06
					Lab Sample ID:	27870-1	27870-2	27870-3	27870-4	27870-5	27870-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/6/2011 1735	8/6/2011 1740	8/6/2011 1740	8/6/2011 1745	8/6/2011 1748	8/6/2011 1750
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Duplicate	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**9.3 [0.54]**	**6.1 [0.49]**	**6.5 [0.51]**	**11 [0.54]**	**9.6 [0.64]**	**11 [0.55]**
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.054 [0.039] B**	**0.048 [0.034] B**	**0.038 [0.034] B**	**0.067 [0.042] B**	**0.09 [0.039] B,JS**	**0.087 [0.045] B**

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3f
2011 Former Communications Site Construction Support - Area B48 ADEC Exceedances

					Location ID:	B48-C07	TB01
					Sample ID:	11TAKU-B48-SO8-C07	11TAKU-B48-TB01
					Lab Sample ID:	27870-7	27870-8
					Matrix:	SO	SO
					Sample Date/Time:	8/6/2011 1755	8/6/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**		
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**11 [0.54]**	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	**0.086 [0.04] B**	**0.05 [0.04]**

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3g
2011 Former Communications Site Construction Support - Area B49 ADEC Exceedances

					Location ID:	B49-C01	B49-C02	B49-C03	B49-C04	B49-C05	B49-C06
					Sample ID:	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C03	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C06
					Lab Sample ID:	28045-1	28045-2	28045-3	28045-4	28045-5	28045-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1515	8/16/2011 1522	8/16/2011 1522	8/16/2011 1525	8/16/2011 1530	8/16/2011 1534
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Duplicate	Primary	Primary	Primary
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
AK102	-	Diesel Range Organics	mg/kg	250	-	5.1 [24] J	9.3 [25] J,JM-	11 [26] J	11 [21] J	21 [23] J	3.6 [21] J
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**8.4 [0.46]**	**9.1 [0.52]**	**11 [0.59]**	**10 [0.51]**	**10 [0.51]**	**7 [0.47]**
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	0.012 [0.04] J,B	0.015 [0.043] J,B,JM-	0.013 [0.039] J,B	0.012 [0.04] J,B	0.012 [0.036] J,B	0.012 [0.045] J,B
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	ND [0.015]	ND [0.016] JM-	ND [0.015]	ND [0.015]	ND [0.014]	ND [0.017]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3g
2011 Former Communications Site Construction Support - Area B49 ADEC Exceedances

					Location ID:	B49-W01	B49-W01	B49-TB
					Sample ID:	11TAKU-B49-SO-W01	11TAKU-B49-SO-W01	11TAKU-B49-TB02
					Lab Sample ID:	28021-1	G1H170431001	28045-7
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/15/2011 0845	8/15/2011 0845	8/16/2011 0800
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
AK102	-	Diesel Range Organics	mg/kg	250	-	**750 [21]**	-	-
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	0.74 [0.049]	-	-
SW8260	75-09-2	Methylene chloride	mg/kg	0.016	0.0013	-	0.0063 [0.045] J,B	**0.029 [0.04] J**
SW8260	75-35-4	1,1-Dichloroethene	mg/kg	0.03	0.0025	-	**0.031 [0.045] J**	ND [0.015]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) ADEC Exceedances

					Location ID:	MW62-C01	MW62-C02	MW62-C03	MW62-C04	MW62-C05	MW62-C06
					Sample ID:	11FWA-TAKU-SO05-C01	11FWA-TAKU-SO03-C02	11FWA-TAKU-SO03-C03	11FWA-TAKU-SO03-C04	11FWA-TAKU-SO05-C05	11FWA-TAKU-SO03-C06
					Lab Sample ID:	27099-1	27099-2	27099-3	27099-4	27099-5	27099-6
					Matrix:	SO	SO	SO	SO	SO	SO
					Sample Date/Time:	6/28/2011 1435	6/28/2011 1438	6/28/2011 1444	6/28/2011 1444	6/28/2011 1447	6/28/2011 1456
					Lab ID:	TATW	TATW	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**						
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**12 [0.49]**	**12 [0.36]**	**8.5 [0.44]**	**9.3 [0.51]**	**16 [0.51]**	**10 [0.48]**
SW6020	7440-47-3	Chromium	mg/kg	25	180000	18 [0.2]	19 [0.14]	15 [0.18]	17 [0.21]	**26 [0.2]**	18 [0.19]
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.044 [0.021]	0.026 [0.017]	0.024 [0.017]	0.021 [0.015]	0.036 [0.019]	**1.8 [0.36]**
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	**0.11 [0.24] J**	0.042 [0.23] J	0.042 [0.22] J	*ND [0.057] E*	0.029 [0.26] J	*ND [0.059] E*

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3h
2011 Former Communications Site Construction Support - FCS Hotspot (MW62) ADEC Exceedances

					Location ID:	MW62-C07
					Sample ID:	11FWA-TAKU-SO03-C07
					Lab Sample ID:	27099-7
					Matrix:	SO
					Sample Date/Time:	6/28/2011 1500
					Lab ID:	TATW
					QA/QC:	Primary
Method	**CASNumber**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**	
SW6020	7440-38-2	Arsenic	mg/kg	3.9	0.29	**13 [0.44]**
SW6020	7440-47-3	Chromium	mg/kg	25	180000	19 [0.18]
SW7471	7439-97-6	Mercury	mg/kg	1.4	0.1	0.024 [0.016]
SW8270	87-86-5	Pentachlorophenol	mg/kg	0.047	0.01	*ND [0.058] E*

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

TADC-Test America Denver, Colorado

SGSA-SGS Anchorage, Alaska

– = not analyzed or not available

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is nondetect

BOLD = Exceeds ADEC Most Stringent Criteria

italic = Sample result was nondetect and the LOD was greater than the ADEC cleanup level

For additional definitions, refer to the Data Quality Assessment.

Table B-1-3i
2011 Former Communications Site Construction Support - Sewage Lift Station ADEC Exceedances

					Location ID:	Sewage LS	TB05
					Sample ID:	11FWA-TAKU-WX01	11FWATB05-GWS
					Lab Sample ID:	580-27548-1	580-27574-1
					Matrix:	WX	WG
					Sample Date/Time:	7/21/2011 1340	7/20/2011 0800
					Lab ID:	TATW	TATW
					QA/QC:	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Criteria[1]**	**EPA Criteria[2]**		
AK101	-	Gasoline Range Organics	mg/L	2.2	-	**40 [2.5]**	ND [0.044]
AK102	-	Diesel Range Organics	mg/L	1.5	-	**330 [25]**	-
AK103	-	Residual Range Organics	mg/L	1.1	-	**2.3 [4.9]**	-
SW6020	7440-36-0	Antimony	mg/L	0.006	-	**0.018 [0.002]**	-
SW6020	7440-38-2	Arsenic	mg/L	0.01	0.01	**0.056 [0.005]**	-
SW8260	75-09-2	Methylene chloride	mg/L	0.005	0.005	ND [0.00045]	**0.18 [0.003]**

Notes:
[1]18 AAC 75, Table C (ADEC 2008)
[2]EPA Region 9 PGRs (EPA May 2010)
QA/QC - quality assurance/quality control
TATW-Test America Tacoma Washington
TADC-Test America Denver Colorado
TASG-Test America Savannah Georgia
WG-Groundwater
– = not analyzed or not available
[ ] = limit of quantitation (LOQ)
mg/L = milligram per liter
ND = nondetect
BOLD = Exceeds ADEC Criteria
italic = The sample result was non-detect and the LOD was greater than the ADEC clean up level.
For additional definitions, refer to the Data Quality Assessment.

Table B-1-3j
2011 Former Communications Site Construction Support - Waste 20 Times TCLP Exceedances

			Location ID:	B24-SS07
			Sample ID:	11TAKU-B24-SO-W01
			Lab Sample ID:	28179-4
			Matrix:	SO
			Sample Date/Time:	8/20/2011
			Lab ID:	TATW
			QA/QC:	Primary
Method	**Analyte**	**Units**	**20 Times TCLP Action Level[1]**	
SW6020	Lead	mg/kg	100	**100 [0.22]**

Notes:
[1] Table1, Maximum Concentration of Contaminants for the Toxicity Characteristic (McCoy).
– = not analyzed or not available
[ ] = limit of quantitation (LOQ) if analyte is detected
[ ] = limit of detection (LOD) if analyte result is non-detect
BOLD = Exceeds ADEC Most Stringent Criteria
mg/kg = milligram per kilogram
ND = nondetect
QA/QC - quality assurance/quality control
SO - Soil
TATW-Test America Tacoma, Washington
For additional definitions, refer to the Data Quality Assessment.

ATTACHMENT B-2

Qualified Data Tables

Table B-2-1
2011 Former Communication Site Construction Support - Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	LOD	LOQ	Units	Qualifier
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8015C	Ethylene glycol	ND	3000	10000	mg/L	JH
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8015C	Propylene glycol	140000	3000	10000	mg/L	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	2-Amino-4,6-dinitrotoluene	ND	0.061	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	4-Amino-2,6-dinitrotoluene	ND	0.031	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	1,3-Dinitrobenzene	ND	0.031	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	2,4-Dinitrotoluene	ND	0.031	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	2,6-Dinitrotoluene	ND	0.061	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	0.031	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	Nitrobenzene	ND	0.031	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	m-Nitrotoluene	ND	0.061	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	o-Nitrotoluene	ND	0.031	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	p-Nitrotoluene	ND	0.061	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	0.031	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	Methyl-2,4,6-trinitrophenylnitramine	ND	0.031	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	1,3,5-Trinitrobenzene	ND	0.061	0.25	mg/kg	JH
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	2,4,6-Trinitrotoluene	ND	0.031	0.25	mg/kg	JH

Notes:
ND = nondetect
LOD = limit of detection
LOQ = limit of quantitation
mg/kg = milligrams per kilogram

Table B-2-2
2011 Former Communication Site Construction Support - Blank Contamination Summary

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Method Blank Concentration	Trip Blank Concentration	Units	Qualifier
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8270	Phenanthrene	0.011	0.017	NA	mg/kg	J,B
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8270	Phenanthrene	0.0065	0.017	NA	mg/kg	J,B
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8270	Phenanthrene	0.0086	0.017	NA	mg/kg	J,B
11TAKU-B24-SO4-C03	27865-3	508-27865-1	SW8270SIM	Benzo(g,h,i)perylene	0.0023	0.00156	NA	mg/kg	J,B
11TAKU-B24-SO3-C07	27865-7	508-27865-1	SW8270SIM	Benzo(g,h,i)perylene	0.0027	0.00156	NA	mg/kg	J,B
11TAKU-B24-SO-W01	28179-4	508-28179-1	AK103	Residual Range Organics	37	18.8	NA	mg/kg	J, B
11TAKU-B24-SO-W02	28179-5	508-28179-2	AK103	Residual Range Organics	29	18.8	NA	mg/kg	J, B
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	AK103	Residual Range Organics	46	21.2	NA	mg/kg	J, B
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	AK103	Residual Range Organics	44	21.2	NA	mg/kg	J, B
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	AK103	Residual Range Organics	53	21.2	NA	mg/kg	J, B
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	AK103	Residual Range Organics	57	21.2	NA	mg/kg	B
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	AK103	Residual Range Organics	48	21.2	NA	mg/kg	J, B
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	AK103	Residual Range Organics	41	21.2	NA	mg/kg	J, B
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8260	Trichlorofluoromethane	0.014	ND	0.043	mg/kg	J,B
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	Benzo(a)anthracene	0.013	0.00742	NA	mg/kg	J, B
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	Benzo(a)anthracene	0.015	0.00742	NA	mg/kg	J, B
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	Benzo(g,h,i)perylene	0.018	0.00612	NA	mg/kg	J, B
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8270	Benzo(g,h,i)perylene	0.029	0.00612	NA	mg/kg	B
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	Benzo(g,h,i)perylene	0.0082	0.00612	NA	mg/kg	J, B
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	Chrysene	0.012	0.00705	NA	mg/kg	J, B
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	Chrysene	0.011	0.00705	NA	mg/kg	J, B
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	Pentachlorophenol	0.11	0.0574	NA	mg/kg	J, B
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8270	Pentachlorophenol	0.042	0.0574	NA	mg/kg	J, B
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8270	Pentachlorophenol	0.042	0.0574	NA	mg/kg	J, B
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8270	Pentachlorophenol	0.029	0.0574	NA	mg/kg	J, B
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8260	Acetone	0.42	ND	0.5	mg/kg	B,JL+
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8260	Acetone	0.46	ND	0.5	mg/kg	B,JL+
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8260	Acetone	0.35	ND	0.5	mg/kg	B,JL+
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8260	Acetone	0.47	ND	0.5	mg/kg	B,JL+
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8260	Acetone	0.42	ND	0.5	mg/kg	B,JL+
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8260	Acetone	0.39	ND	0.5	mg/kg	B,JL+
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8260	Methylene chloride	0.033	0.0156	0.011	mg/kg	J, B
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8260	Methylene chloride	0.033	0.0156	0.011	mg/kg	J, B
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8260	Methylene chloride	0.027	0.0156	0.011	mg/kg	J, B
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8260	Methylene chloride	0.033	0.0156	0.011	mg/kg	J, B
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8260	Methylene chloride	0.032	0.0156	0.011	mg/kg	J, B
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8260	Methylene chloride	0.033	0.0156	0.011	mg/kg	J, B
11TAKU-B27-TB07	27820-7	580-27820-1	SW8260	Methylene chloride	0.011	0.0156	NA	mg/kg	J, B
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8260	Benzene	0.0058	0.00723	0.0073	mg/kg	J,B
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8260	Benzene	0.005	0.00723	0.0073	mg/kg	J,B
11FWA-TAKU-TB06	27675-3	580-27675-1	SW8260	Benzene	0.0073	0.00723	NA	mg/kg	J,B
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8260	m,p-Xylene	0.015	0.0145	0.017	mg/kg	J,B
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8260	m,p-Xylene	0.012	0.0145	0.017	mg/kg	J,B
11FWA-TAKU-TB06	27675-3	580-27675-1	SW8260	m,p-Xylene	0.017	0.0145	NA	mg/kg	J,B
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8260	Tetrachloroethene	0.0061	0.00798	0.0086	mg/kg	J,B
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8260	Tetrachloroethene	0.0054	0.00798	0.0086	mg/kg	J,B
11FWA-TAKU-TB06	27675-3	580-27675-1	SW8260	Tetrachloroethene	0.0086	0.00798	NA	mg/kg	J,B
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8260	trans-1,2-dichloroethene	0.0083	ND	0.01	mg/kg	J,B
11TAKU-B42-SO1-C01	27869-1	580-27869-1	AK102	Diesel Range Organics	4.7	2.02	NA	mg/kg	J, B
11TAKU-B42-SO1-C02	27869-2	580-27869-1	AK102	Diesel Range Organics	2.9	2.02	NA	mg/kg	J, B
11TAKU-B42-SO1-C03	27869-3	580-27869-1	AK102	Diesel Range Organics	2.5	2.02	NA	mg/kg	J, B
11TAKU-B42-SO2-C04	27869-4	580-27869-1	AK102	Diesel Range Organics	2.9	2.02	NA	mg/kg	J, B
11TAKU-B42-SO1-C05	27869-5	580-27869-1	AK102	Diesel Range Organics	3.2	2.02	NA	mg/kg	J, B
11TAKU-B42-SO1-C06	27869-6	580-27869-1	AK102	Diesel Range Organics	3.1	2.02	NA	mg/kg	J, B
11TAKU-B42-SO1-C09	27869-9	580-27869-1	AK102	Diesel Range Organics	2.6	2.02	NA	mg/kg	J, B
11TAKU-B42-SO1-C10	27869-10	580-27869-1	AK102	Diesel Range Organics	4.3	2.02	NA	mg/kg	J, B
11TAKU-B42-SO1-C11	27869-11	580-27869-1	AK102	Diesel Range Organics	3.1	2.02	NA	mg/kg	J, B
11TAKU-B42-SO1-C10	27869-10	580-27869-1	SW8270SIM	Pyrene	0.003	0.00173	NA	mg/kg	J, B
11TAKU-B42-SO-W01	28262-1	580-27869-1	AK101	Gasoline Range Organics	0.56	0.704	0.88	mg/kg	J, B
11TAKU-B42-SO-W02	28262-2	580-27869-1	AK101	Gasoline Range Organics	0.9	0.704	0.88	mg/kg	J, B
11TAKU-B42-SO-W03	28262-3	580-27869-1	AK101	Gasoline Range Organics	0.92	0.704	0.88	mg/kg	J, B
11TAKU-B42-SO-W04	28262-4	580-27869-1	AK101	Gasoline Range Organics	1.1	0.704	0.88	mg/kg	J, B
11TAKU-B42-SO-W01	28262-1	580-27869-1	AK102	Diesel Range Organics	9.6	4.77	NA	mg/kg	J, B

Table B-2-2
2011 Former Communication Site Construction Support - Blank Contamination Summary

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Method Blank Concentration	Trip Blank Concentration	Units	Qualifier
11TAKU-B42-SO-W02	28262-2	580-27869-1	AK102	Diesel Range Organics	8.6	4.77	NA	mg/kg	J, B
11TAKU-B42-SO-W03	28262-3	580-27869-1	AK102	Diesel Range Organics	21	4.77	NA	mg/kg	J, B
11TAKU-B42-SO-W04	28262-4	580-27869-1	AK102	Diesel Range Organics	25	4.77	NA	mg/kg	B
11TAKU-B42-SO-W01	28262-1	580-27869-1	SW8270SIM	Pyrene	0.0024	0.00152	NA	mg/kg	J, B
11TAKU-B42-SO-W02	28262-2	580-27869-1	SW8270SIM	Pyrene	0.0032	0.00152	NA	mg/kg	J, B
11TAKU-B42-SO-W03	28262-3	580-27869-1	SW8270SIM	Pyrene	0.0055	0.00152	NA	mg/kg	B
11TAKU-B48-SO10-C01	27870-1	580-27870-1	AK101	Gasoline Range Organics	0.92	0.692	NA	mg/kg	J, B
11TAKU-B48-SO8-C04	27870-4	580-27870-1	AK102	Diesel Range Organics	5.8	2.02	NA	mg/kg	J, B
11TAKU-B48-SO8-C05	27870-5	580-27870-1	AK102	Diesel Range Organics	7.1	2.02	NA	mg/kg	J, JM-, B
11TAKU-B48-SO8-C06	27870-6	580-27870-1	AK102	Diesel Range Organics	10	2.02	NA	mg/kg	J, B
11TAKU-B48-SO8-C07	27870-7	580-27870-1	AK102	Diesel Range Organics	8.5	2.02	NA	mg/kg	J, B
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8260	Methylene chloride	0.054	ND	0.05	mg/kg	B
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8260	Methylene chloride	0.048	ND	0.05	mg/kg	B
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8260	Methylene chloride	0.038	ND	0.05	mg/kg	B
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8260	Methylene chloride	0.067	ND	0.05	mg/kg	B
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8260	Methylene chloride	0.09	ND	0.029	mg/kg	B,JS
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8260	Methylene chloride	0.087	ND	0.05	mg/kg	B
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8260	Methylene chloride	0.086	ND	0.05	mg/kg	B
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8270	Phenanthrene	0.0062	0.00977	NA	mg/kg	J, B
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8270	Phenanthrene	0.0085	0.00977	NA	mg/kg	J, B
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8270SIM	Pyrene	0.0047	0.00173	NA	mg/kg	J, B
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8270SIM	Pyrene	0.0043	0.00173	NA	mg/kg	J, B
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8270SIM	Pyrene	0.007	0.00173	NA	mg/kg	B
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8270SIM	Pyrene	0.009	0.00173	NA	mg/kg	B
11TAKU-B48-SO-W01	28179-3	580-28179-1	AK103	Residual Range Organics	23	18.8	NA	mg/kg	J, B
11TAKU-B49-SO10-C01	28045-1	580-28045-1	AK102	Diesel Range Organics	5.1	2.14	NA	mg/kg	J, B
11TAKU-B49-SO10-C02	28045-2	580-28045-1	AK102	Diesel Range Organics	9.3	2.14	NA	mg/kg	J, JM-, B
11TAKU-B49-SO10-C03	28045-3	580-28045-1	AK102	Diesel Range Organics	11	2.14	NA	mg/kg	J, B
11TAKU-B49-SO9-C04	28045-4	580-28045-1	AK102	Diesel Range Organics	11	2.14	NA	mg/kg	J, B
11TAKU-B49-SO9-C06	28045-6	580-28045-1	AK102	Diesel Range Organics	3.6	2.14	NA	mg/kg	J, B
11TAKU-B49-SO10-C01	28045-1	580-28045-1	AK103	Residual Range Organics	16	10.8	NA	mg/kg	J, B
11TAKU-B49-SO10-C02	28045-2	580-28045-1	AK103	Residual Range Organics	32	10.8	NA	mg/kg	J, B
11TAKU-B49-SO10-C03	28045-3	580-28045-1	AK103	Residual Range Organics	42	10.8	NA	mg/kg	J, B
11TAKU-B49-SO9-C04	28045-4	580-28045-1	AK103	Residual Range Organics	55	10.8	NA	mg/kg	B
11TAKU-B49-SO9-C06	28045-6	580-28045-1	AK103	Residual Range Organics	14	10.8	NA	mg/kg	J, B
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8260	Methylene chloride	0.012	0.0122	0.029	mg/kg	B
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8260	Methylene chloride	0.015	0.0122	0.029	mg/kg	J,B,JM-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8260	Methylene chloride	0.013	0.0122	0.029	mg/kg	J,B
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8260	Methylene chloride	0.012	0.0122	0.029	mg/kg	J,B
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8260	Methylene chloride	0.012	0.0122	0.029	mg/kg	J,B
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8260	Methylene chloride	0.012	0.0122	0.029	mg/kg	J,B
11TAKU-B49-SO-W03	28262-5	580-28262-1	AK101	Gasoline Range Organics	2	0.704	0.88	mg/kg	J, B
11TAKU-B49-SO-W04	28262-6	580-28262-1	AK101	Gasoline Range Organics	2.5	0.704	0.88	mg/kg	J, B
11TAKU-B49-TB03	28262-7	580-28262-1	AK101	Gasoline Range Organics	0.88	0.704	NA	mg/kg	J, B
11TAKU-B49-SO-W03	28262-5	580-28262-1	AK102	Diesel Range Organics	22	4.77	NA	mg/kg	B
11TAKU-B49-SO-W04	28262-6	580-28262-1	AK102	Diesel Range Organics	16	4.77	NA	mg/kg	J, B
11TAKU-B49-SO-W01	28021-1	580-28021-1	AK103	Residual Range Organics	35	11.4	NA	mg/kg	J,B
11TAKU-B49-SO-W02	28021-2	580-28021-1	AK103	Residual Range Organics	48	11.4	NA	mg/kg	J,B
11TAKU-B49-SO-W01	G1H170431001	G1H170431	SW8260	Methylene chloride	0.0063	ND	0.025	mg/kg	J,B
11TAKU-B49-SO-W03	280262-5	580-28262-1	SW8270SIM	Pyrene	0.0016	0.00152	NA	mg/kg	J, B
11TAKU-MW62-SO-W01	28179-1	580-28179-1	AK103	Residual Range Organics	30	18.8	NA	mg/kg	J, B
11TAKU-MW62-SO-W02	28179-2	580-28179-1	AK103	Residual Range Organics	41	18.8	NA	mg/kg	J, B

Notes:
ND = nondetect
LOD = limit of detection
LOQ = limit of quantitation
mg/kg= milligrams per kilogram
For additional definitions, refer to the Data Quality Assessment

Table B-2-3
2011 Former Communication Site Construction Support - LCS Exceedance Summary

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	LCS Percent Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Laboratory Control Spike	89279-2	QC580-27099-1	LCS	SW8270	Benzidine	0.656	32.6368	45	135	mg/kg	-
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JC-,JL-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JC-,JL-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JC-,JL-
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JC-,JL-
Laboratory Control Spike	91590-2	QC580-27675-1	LCS	SW8270	Benzidine	0.594	29.5522	45	135	mg/kg	-
11FWA-TAKU-WX02	27675-1	580-27675-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11FWA-TAKU-WX03	27675-2	580-27675-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
Laboratory Control Spike	1054116	QC1118873	LCS	SW8270	Benzoic Acid	0	0	10	110	mg/kg	-
11TAKU-B08-SO6-C01	1118873001	1118873	-	SW8270	Benzoic Acid	ND	-	-	-	mg/kg	R
11TAKU-B08-SO7-C02	1118873002	1118873	-	SW8270	Benzoic Acid	ND	-	-	-	mg/kg	R
11TAKU-B08-SO6-C03	1118873003	1118873		SW8270	Benzoic Acid	ND	-	-	-	mg/kg	R
Laboratory Control Spike Duplicate	92130-3	QCG1H060410	LCSD	SW8260	1,3-Dichloropropane	0.46	57.5	75	125	mg/kg	
11TAKU-B27-SO04-C02	27820-2	580-27820-1	-	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JL-
11TAKU-B27-SO03-C06	27820-6	580-27820-1	-	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JL-
11TAKU-B27-SO01-C01	27820-1	580-27820-1	-	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JL-
11TAKU-B27-SO04-C03	27820-3	580-27820-1	-	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JL-
11TAKU-B27-SO04-C04	27820-4	580-27820-1	-	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JL-
11TAKU-B27-SO02-C05	27820-5	580-27820-1	-	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JL-
11TAKU-B27-TB07	27820-7	580-27820-1	-	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JL-
Laboratory Control Spike	92130-2	QCG1H060410	LCS	SW8260B	Acetone	3.84	240	20	160	Percent	-
Laboratory Control Spike Duplicate	92130-3	QCG1H060410	LCSD	SW8260B	Acetone	3.29	205.625	20	160	Percent	-
11TAKU-B27-SO03-C06	27820-6	580-27820-1	-	SW8260	Acetone	0.39	-	-	-	mg/kg	B,JL+
11TAKU-B27-SO01-C01	27820-1	580-27820-1	-	SW8260	Acetone	0.42	-	-	-	mg/kg	B,JL+
11TAKU-B27-SO04-C02	27820-2	580-27820-1	-	SW8260	Acetone	0.46	-	-	-	mg/kg	B,JL+
11TAKU-B27-SO04-C03	27820-3	580-27820-1	-	SW8260	Acetone	0.35	-	-	-	mg/kg	B,JL+
11TAKU-B27-SO04-C04	27820-4	580-27820-1	-	SW8260	Acetone	0.47	-	-	-	mg/kg	B,JL+
11TAKU-B27-SO02-C05	27820-5	580-27820-1	-	SW8260	Acetone	0.42	-	-	-	mg/kg	B,JL+
11TAKU-B27-TB07	27820-7	580-27820-1	-	SW8260	Acetone	0.5	-	-	-	mg/kg	JL+
Laboratory Control Spike	92125-2	QC580-27820-1	LCS	SW8270	Benzidine	0.628	31.7172	45	135	mg/kg	-
11TAKU-B27-SO01-C01	27820-1	580-27820-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B27-SO04-C03	27820-3	580-27820-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B27-SO04-C04	27820-4	580-27820-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B27-SO02-C05	27820-5	580-27820-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B27-SO3-C06	27820-6	580-27820-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
Laboratory Control Spike	92195-2	QC580-27820-1	LCS	SW8270	Benzidine	0.512	25.8586	45	135	mg/kg	-
11TAKU-B27-SO04-C02	27820-2	580-27820-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-

Table B-2-3
2011 Former Communication Site Construction Support - LCS Exceedance Summary

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	LCS Percent Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Laboratory Control Spike	92488-2	QC580-27865-1	LCS	SW8260B	Acetone	2.94	183.75	20	160	mg/kg	-
Laboratory Control Spike Duplicate	92488-3	QC580-27865-1	LCSD	SW8260B	Acetone	2.69	168.125	20	160	mg/kg	-
11TAKU-B24-SO3-C05	27865-5	580-27865-1	-	SW8260	Acetone	0.12	-	-	-	mg/kg	J,JL+,JM+
Laboratory Control Spike	93294-2	QC580-28045-1	LCS	SW8260B	1,2,3-Trichlorobenzene	0.167	16.7	60	135	Percent	-
11TAKU-B49-SO10-C01	28045-1	580-28045-1	-	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JM-,JC-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	-	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C04	28045-4	580-28045-1	-	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C05	28045-5	580-28045-1	-	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C06	28045-6	580-28045-1	-	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-TB02	28045-7	580-28045-1	-	SW8260	1,2,3-Trichlorobenzene	0.08	-	-	-	mg/kg	B,JL-,JC-
Laboratory Control Spike	93294-2	QC580-28045-1	LCS	SW8260B	1,2,4-Trichlorobenzene	0.303	30.4829	65	130	Percent	-
11TAKU-B49-SO10-C01	28045-1	580-28045-1	-	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JM-,JC-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	-	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C04	28045-4	580-28045-1	-	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C05	28045-5	580-28045-1	-	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C06	28045-6	580-28045-1	-	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-TB02	28045-7	580-28045-1	-	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JC-
Laboratory Control Spike	93294-2	QC580-28045-1	LCS	SW8260B	Hexachlorobutadiene	0.504	50.4	55	140	Percent	-
11TAKU-B49-SO10-C01	28045-1	580-28045-1	-	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JL-,JM-,JC-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	-	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C04	28045-4	580-28045-1	-	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C05	28045-5	580-28045-1	-	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C06	28045-6	580-28045-1	-	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-TB02	28045-7	580-28045-1	-	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JL-,JC-
Laboratory Control Spike	93294-2	QC580-28045-1	LCS	SW8260B	Naphthalene	0.352	35.2	40	125	Percent	-
11TAKU-B49-SO10-C01	28045-1	580-28045-1	-	SW8260	Naphthalene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Naphthalene	ND	-	-	-	mg/kg	JL-,JM-,JC-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	-	SW8260	Naphthalene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C04	28045-4	580-28045-1	-	SW8260	Naphthalene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C05	28045-5	580-28045-1	-	SW8260	Naphthalene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-SO9-C06	28045-6	580-28045-1	-	SW8260	Naphthalene	ND	-	-	-	mg/kg	JL-,JC-
11TAKU-B49-TB02	28045-7	580-28045-1	-	SW8260	Naphthalene	ND	-	-	-	mg/kg	JL-,JC-
Laboratory Control Spike	93704-2	QC580-28179-1	LCS	SW8270C	Anthracene	1.09	109	55	105	Percent	-
11TAKU-MW62-SO-W01	28179-1	580-28179-1	-	SW8270	Anthracene	0.023	-	-	-	mg/kg	JL+
11TAKU-MW62-SO-W02	28179-2	580-28179-1	-	SW8270	Anthracene	0.0072	-	-	-	mg/kg	J,JL+
Laboratory Control Spike	93704-2	QC580-28179-1	LCS	SW8270	Benzidine	0.529	26.7172	45	135	mg/kg	-
11TAKU-B48-SO-W01	28179-3	580-28179-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-

Table B-2-3
2011 Former Communication Site Construction Support - LCS Exceedance Summary

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	LCS Percent Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B24-SO-W01	28179-4	580-28179-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B24-SO-W02	28179-5	580-28179-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-MW62-SO-W01	28179-1	580-28179-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-MW62-SO-W02	28179-2	580-28179-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
Laboratory Control Spike	93704-2	QC580-28179-1	LCS	SW8270C	Dibenzofuran	1.09	109	50	105	Percent	-
11TAKU-MW62-SO-W01	28179-1	580-28179-1	-	SW8270	Dibenzofuran	0.0055	-	-	-	mg/kg	J,JL+
Laboratory Control Spike	93704-2	QC580-28179-1	LCS	SW8270C	Diethyl phthalate	1.22	122	50	115	Percent	-
11TAKU-MW62-SO-W02	28179-2	580-28179-1	-	SW8270	Diethyl phthalate	0.02	0.017	0.22	-	mg/kg	J,JL+
Laboratory Control Spike	93986-2	QC580-28262-1	LCS	SW8270	Benzidine	0.617	31.1616	45	135	mg/kg	-
11TAKU-B42-SO-W01	28262-1	580-28262-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B42-SO-W02	28262-2	580-28262-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B42-SO-W03	28262-3	580-28262-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B42-SO-W04	28262-4	580-28262-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B49-SO-W03	28262-5	580-28262-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-
11TAKU-B49-SO-W04	28262-6	580-28262-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-

Notes:
ND = nondetect
LOD = limit of detection
LOQ = limit of quantitation
mg/kg= milligrams per kilogram
For additional definitions, refer to the Data Quality Assessment

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11FWA-TAKU-WX01	27548-1	580-27548-1	Surrogate	SW8330	1,2-Dinitrobenzene	252	252	75	118	PERCENT	-
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8330	4-Amino-2,6-dinitrotoluene	0.0012	-	-	-	mg/L	JS+
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8330	2,4-Dinitrotoluene	0.00022	-	-	-	mg/L	JS+
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8330	1,3,5-Trinitrobenzene	0.0037	-	-	-	mg/L	JS+
11FWA-TAKU-WX01	27548-1	580-27548-1	Surrogate	SW8260L	Ethylbenzene-D10	121	121	80	121	PERCENT	JS+
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8260L	Tetrachloroethene (PCE)	0.0024	-	-	-	mg	-
11TAKU-B08-SO2-W02	1118819002	1118819	Surrogate	OCPSTSM	2-Fluorobiphenyl	111	111	45	105	Percent	-
11TAKU-B08-SO2-W02	1118819002	1118819	Surrogate	OCPSTSM	Terphenyl-d14	132	132	30	125	Percent	-
11TAKU-B08-SO2-W02	1118819002	1118819	CS	OCPSTSM	4,4'-DDD	0.0154	-	-	-	mg/kg	JS+
11TAKU-B08-SO2-W02	1118819002	1118819	CS	OCPSTSM	4,4'-DDT	0.0162	-	-	-	mg/kg	JS+
11TAKU-B08-SO6-C01	1118873001	1118873	Surrogate	AK101	4-Bromofluorobenzene	257	257	50	150	Percent	-
11TAKU-B08-SO6-C01	1118873001	1118873	CS	AK101	Gasoline Range Organics	79	-	-	-	mg/kg	JS+
11FWA-TAKU-WX01	27548-1	580-27548-1	Surrogate	SW8082	Decachlorobiphenyl	38	38	40	135	PERCENT	-
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8082	PCB-1016 (Aroclor 1016)	ND	-	-	-	mg/L	JS-
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8082	PCB-1221 (Aroclor 1221)	ND	-	-	-	mg/L	JS-
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8082	PCB-1232 (Aroclor 1232)	ND	-	-	-	mg/L	JS-
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8082	PCB-1242 (Aroclor 1242)	ND	-	-	-	mg/L	JS-
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8082	PCB-1248 (Aroclor 1248)	ND	-	-	-	mg/L	JS-
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8082	PCB-1254 (Aroclor 1254)	ND	-	-	-	mg/L	JS-
11FWA-TAKU-WX01	27548-1	580-27548-1	CS	SW8082	PCB-1260 (Aroclor 1260)	ND	-	-	-	mg/L	JS-
11TAKU-B08-SO7-C02	28771-2	580-28771-1	Surrogate	SW8330	1,2-Dinitrobenzene	183	183	83	122	Percent	-
11TAKU-B08-SO7-C02	28771-2	580-28771-1	CS	SW8330	2-Amino-4,6-dinitrotoluene	2.5	-	-	-	mg/kg	JS+
11TAKU-B08-SO7-C02	28771-2	580-28771-1	CS	SW8330	Methyl-2,4,6-trinitrophenylnitramine	1.9	-	-	-	mg/kg	JS+
11TAKU-B48-SO8-C05	27870-5	580-27870-1	Surrogate	SW8260	a,a,a-Trifluorotoluene	57	57	65	140	Percent	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	Surrogate	SW8260	4-Bromofluorobenzene	131	131	70	120	Percent	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	4-Isopropyltoluene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Acetone	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Bromodichloromethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Bromobenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Bromochloromethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Bromomethane	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	n-Butylbenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	sec-Butylbenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	tert-Butylbenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Benzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Toluene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Chlorobenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	2-Chlorotoluene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	4-Chlorotoluene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Chloroethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Chloromethane	ND	-	-	-	mg/kg	JM-,JS,E
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Carbon tetrachloride	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Dibromochloromethane	ND	-	-	-	mg/kg	JM-,JS

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,2-Dibromo-3-chloropropane	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Dibromomethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,1-Dichloroethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,2-Dichloroethane	ND	-	-	-	mg/kg	JM-,JS,E
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,2-Dichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,3-Dichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,4-Dichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,1-Dichloroethene	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	cis-1,2-Dichloroethene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	trans-1,2-Dichloroethene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,1-Dichloropropene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	cis-1,3-Dichloropropene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	trans-1,3-Dichloropropene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,2-Dichloropropane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	2,2-Dichloropropane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Ethylbenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,2-Dibromoethane	ND	-	-	-	mg/kg	JM-,JS,E
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Trichlorofluoromethane	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Dichlorodifluoromethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	2-Hexanone	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Isopropylbenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	2-Butanone	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	4-Methyl-2-pentanone	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Methyl-tert-butyl ether (MTBE)	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Naphthalene	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	n-Propylbenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,1,2,2-Tetrachloroethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Tetrachloroethene (PCE)	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Styrene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Bromoform	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,1,1,2-Tetrachloroethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,1,1-Trichloroethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,1,2-Trichloroethane	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Trichloroethene (TCE)	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Chloroform	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,2,3-Trichloropropane	ND	-	-	-	mg/kg	JS,E
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,2,4-Trimethylbenzene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	1,3,5-Trimethylbenzene	ND	-	-	-	mg/kg	JM-,JS

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Vinyl chloride	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Xylene, Isomers m & p	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	o-Xylene	ND	-	-	-	mg/kg	JM-,JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Carbon disulfide	ND	-	-	-	mg/kg	JS
11TAKU-B48-SO8-C05	27870-5	580-27870-1	CS	SW8260	Methylene chloride	0.09	-	-	-	mg/kg	B,JS
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	Surrogate	SW8081	Tetrachloro-m-xylene	61	61	70	125	Percent	-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Aldrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	alpha-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	beta-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	delta-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	gamma-BHC (Lindane)	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	alpha-Chlordane	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	gamma-Chlordane	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	4,4'-DDD	0.0073	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	4,4'-DDE	0.055	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Dieldrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Endosulfan I	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Endosulfan II	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Endosulfan sulfate	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Endrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Endrin aldehyde	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Endrin ketone	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Heptachlor epoxide	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Heptachlor	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Methoxychlor	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	CS	SW8081	Toxaphene	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	Surrogate	SW8081	Tetrachloro-m-xylene	64	64	70	125	Percent	-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Aldrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	alpha-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	beta-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	delta-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	gamma-BHC (Lindane)	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	alpha-Chlordane	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	gamma-Chlordane	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	4,4'-DDD	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	4,4'-DDE	0.0017	-	-	-	mg/kg	J, JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	4,4'-DDT	0.0054	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Dieldrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Endosulfan I	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Endosulfan II	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Endosulfan sulfate	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Endrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Endrin aldehyde	ND	-	-	-	mg/kg	JS-

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Endrin ketone	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Heptachlor epoxide	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Heptachlor	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Methoxychlor	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	CS	SW8081	Toxaphene	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	Surrogate	SW8081	Tetrachloro-m-xylene	67	67	70	125	Percent	-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Aldrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	alpha-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	beta-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	delta-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	gamma-BHC (Lindane)	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	alpha-Chlordane	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	gamma-Chlordane	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	4,4'-DDD	0.022	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	4,4'-DDE	0.083	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	4,4'-DDT	0.13	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Dieldrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Endosulfan I	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Endosulfan II	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Endosulfan sulfate	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Endrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Endrin aldehyde	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Endrin ketone	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Heptachlor epoxide	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Heptachlor	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Methoxychlor	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	CS	SW8081	Toxaphene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	Surrogate	SW8260	4-Bromofluorobenzene	77.3	77.3	85	120	Percent	-
11TAKU-B38-SO1-C03	1118887005	1118887	Surrogate	SW8260	Toluene-d8	76.2	76.2	85	115	Percent	-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Acetone	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Bromodichloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Bromobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Bromochloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Bromomethane	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	n-Butylbenzene	0.12	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	sec-Butylbenzene	0.0504	-	-	-	mg/kg	J,JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	tert-Butylbenzene	0.032	-	-	-	mg/kg	J,JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Benzene	0.0285	-	-	-	mg/kg	J,JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Toluene	0.0291	-	-	-	mg/kg	J,JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Carbon disulfide	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Chlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	2-Chlorotoluene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	4-Chlorotoluene	ND	-	-	-	mg/kg	JS-

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Chloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Chloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Carbon tetrachloride	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	4-Isopropyltoluene	0.155	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Dibromochloromethane	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,2-Dibromo-3-chloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Dibromomethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,1-Dichloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,2-Dichloroethane	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,2-Dichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,3-Dichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,4-Dichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,1-Dichloroethene	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	cis-1,2-Dichloroethene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	trans-1,2-Dichloroethene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,1-Dichloropropene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	cis-1,3-Dichloropropene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	trans-1,3-Dichloropropene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,2-Dichloropropane	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	2,2-Dichloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Ethylbenzene	0.0759	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,2-Dibromoethane	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Trichlorofluoromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Dichlorodifluoromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	2-Hexanone	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Isopropylbenzene	0.0611	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	2-Butanone	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	4-Methyl-2-pentanone	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Methyl-tert-butyl ether (MTBE)	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Methylene chloride	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Naphthalene	0.202	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	n-Propylbenzene	0.102	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,1,2,2-Tetrachloroethane	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Tetrachloroethene (PCE)	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Styrene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Bromoform	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,1,1,2-Tetrachloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,1,1-Trichloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,1,2-Trichloroethane	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JS-

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Trichloroethene (TCE)	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Chloroform	ND	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,2,3-Trichloropropane	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,2,4-Trimethylbenzene	0.312	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	1,3,5-Trimethylbenzene	0.166	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Vinyl chloride	ND	-	-	-	mg/kg	JS-,E
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Xylenes	0.374	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	Xylene, Isomers m & p	0.171	-	-	-	mg/kg	JS-
11TAKU-B38-SO1-C03	1118887005	1118887	CS	SW8260	o-Xylene	0.203	-	-	-	mg/kg	JS-
11TAKU-B38-SO3-C10	1118927006	118927	Surrogate	SW8260	1,2-Dichloroethane-d4	130	130	79	118	Percent	-
11TAKU-B38-SO3-C10	1118927006	1118927	CS	SW8260	Methylene chloride	0.0744	-	-	-	mg/kg	J, JC+, JS+
11TAKU-B49-SO10-C02	28045-2	580-28045-1	Surrogate	SW8260	a,a,a-Trifluorotoluene	53	53	65	140	Percent	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Ethylbenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Styrene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	cis-1,3-Dichloropropene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	trans-1,3-Dichloropropene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	n-Propylbenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	n-Butylbenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	4-Chlorotoluene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,4-Dichlorobenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,2-Dibromoethane	ND	-	-	-	mg/kg	JM- E, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,2-Dichloroethane	ND	-	-	-	mg/kg	JM- E, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	4-Methyl-2-pentanone	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Xylene, Isomers m & p	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,3,5-Trimethylbenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Bromobenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Toluene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Chlorobenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JH, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Dibromochloromethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Tetrachloroethene (PCE)	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	sec-Butylbenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	cis-1,2-Dichloroethene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	trans-1,2-Dichloroethene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Methyl-tert-butyl ether (MTBE)	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,3-Dichlorobenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Carbon tetrachloride	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,1-Dichloropropene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	2-Hexanone	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	2,2-Dichloropropane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,1,1,2-Tetrachloroethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Acetone	0.92	-	-	-	mg/kg	JC+, JS-

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Chloroform	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Benzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,1,1-Trichloroethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Bromomethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Chloromethane	ND	-	-	-	mg/kg	JM- E, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Dibromomethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Bromochloromethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Chloroethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Vinyl chloride	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Methylene chloride	0.015	-	-	-	mg/kg	J,B,JM-,JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Carbon disulfide	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Bromoform	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Bromodichloromethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,1-Dichloroethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,1-Dichloroethene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Trichlorofluoromethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Dichlorodifluoromethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,2-Dichloropropane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	2-Butanone	0.14	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,1,2-Trichloroethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Trichloroethene (TCE)	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,1,2,2-Tetrachloroethane	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JH, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JH, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Naphthalene	ND	-	-	-	mg/kg	JH, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	o-Xylene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	2-Chlorotoluene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,2-Dichlorobenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,2,4-Trimethylbenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,2-Dibromo-3-chloropropane	ND	-	-	-	mg/kg	JM-,JC-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	1,2,3-Trichloropropane	ND	-	-	-	mg/kg	JM- E, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	tert-Butylbenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	Isopropylbenzene	ND	-	-	-	mg/kg	JM-, JS-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	CS	SW8260	4-Isopropyltoluene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	Surrogate	SW8260	a,a,a-Trifluorotoluene	61	61	65	140	Percent	-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Ethylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Styrene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	cis-1,3-Dichloropropene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	trans-1,3-Dichloropropene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	n-Propylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	n-Butylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	4-Chlorotoluene	ND	-	-	-	mg/kg	JS-

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Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,4-Dichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,2-Dibromoethane	ND	-	-	-	mg/kg	E, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,2-Dichloroethane	ND	-	-	-	mg/kg	E, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	4-Methyl-2-pentanone	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Xylene, Isomers m & p	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,3,5-Trimethylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Bromobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Toluene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Chlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JH, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Dibromochloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Tetrachloroethene (PCE)	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	sec-Butylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	cis-1,2-Dichloroethene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	trans-1,2-Dichloroethene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Methyl-tert-butyl ether (MTBE)	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,3-Dichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Carbon tetrachloride	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,1-Dichloropropene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	2-Hexanone	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	2,2-Dichloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,1,1,2-Tetrachloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Acetone	1.4	-	-	-	mg/kg	JC+, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Chloroform	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Benzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,1,1-Trichloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Bromomethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Chloromethane	ND	-	-	-	mg/kg	E, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Dibromomethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Bromochloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Chloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Vinyl chloride	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Methylene chloride	0.013	-	-	-	mg/kg	J, B, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Carbon disulfide	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Bromoform	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Bromodichloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,1-Dichloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,1-Dichloroethene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Trichlorofluoromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Dichlorodifluoromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,2-Dichloropropane	0.16	-	-	-	mg/kg	J, JS-

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	2-Butanone	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,1,2-Trichloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Trichloroethene (TCE)	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,1,2,2-Tetrachloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JH, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JH, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Naphthalene	ND	-	-	-	mg/kg	JH, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	o-Xylene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	2-Chlorotoluene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,2-Dichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,2,4-Trimethylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,2-Dibromo-3-chloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	1,2,3-Trichloropropane	ND	-	-	-	mg/kg	E, JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	tert-Butylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	Isopropylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	CS	SW8260	4-Isopropyltoluene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	Surrogate	SW8260	a,a,a-Trifluorotoluene	61	61	65	140	Percent	-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Ethylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Styrene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	cis-1,3-Dichloropropene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	trans-1,3-Dichloropropene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	n-Propylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	n-Butylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	4-Chlorotoluene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,4-Dichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,2-Dibromoethane	ND	-	-	-	mg/kg	E, JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,2-Dichloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	4-Methyl-2-pentanone	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Xylene, Isomers m & p	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,3,5-Trimethylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Bromobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Toluene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Chlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Dibromochloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Tetrachloroethene (PCE)	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	sec-Butylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	cis-1,2-Dichloroethene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	trans-1,2-Dichloroethene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Methyl-tert-butyl ether (MTBE)	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,3-Dichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Carbon tetrachloride	ND	-	-	-	mg/kg	JS-

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,1-Dichloropropene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	2-Hexanone	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	2,2-Dichloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,1,1,2-Tetrachloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Acetone	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Chloroform	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Benzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,1,1-Trichloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Bromomethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Chloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Dibromomethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Bromochloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Chloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Vinyl chloride	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Methylene chloride	0.0065	-	-	-	mg/kg	J, JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Carbon disulfide	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Bromoform	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Bromodichloromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,1-Dichloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,1-Dichloroethene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Trichlorofluoromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Dichlorodifluoromethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,2-Dichloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	2-Butanone	0.052	-	-	-	mg/kg	J, JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,1,2-Trichloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Trichloroethene (TCE)	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,1,2,2-Tetrachloroethane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Naphthalene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	o-Xylene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	2-Chlorotoluene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,2-Dichlorobenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,2,4-Trimethylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,2-Dibromo-3-chloropropane	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	1,2,3-Trichloropropane	ND	-	-	-	mg/kg	E, JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	tert-Butylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	Isopropylbenzene	ND	-	-	-	mg/kg	JS-
11TAKU-B08-SO10-C34	28621-10	580-28621-1	CS	SW8260	4-Isopropyltoluene	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	Surrogate	SW8081	Tetrachloro-m-xylene	55	55	70	125	Percent	-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Aldrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	alpha-BHC	ND	-	-	-	mg/kg	JS-

Table B-2-4
2011 Former Communication Site Construction Support - Surrogate Recovery Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	beta-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	delta-BHC	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	gamma-BHC (Lindane)	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	alpha-Chlordane	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	gamma-Chlordane	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	4,4'-DDD	0.00058	-	-	-	mg/kg	J,JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	4,4'-DDE	0.0093	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	4,4'-DDT	0.012	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Dieldrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Endosulfan I	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Endosulfan II	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Endosulfan sulfate	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Endrin	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Endrin aldehyde	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Endrin ketone	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Heptachlor epoxide	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Heptachlor	ND	-	-	-	mg/kg	JM-,JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Methoxychlor	ND	-	-	-	mg/kg	JS-
11FWA-TAKU-WX02	27675-1	580-27675-1	CS	SW8081	Toxaphene	ND	-	-	-	mg/kg	JS-

Notes:
ND = nondetect
LOD = limit of detection
LOQ = limit of quantitation
mg/kg= milligrams per kilogram
For additional definitions, refer to the Data Quality Assessment

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike	28577-1MS	QC580-28577-1	MS	SW8151A	Dichlorprop	0.251	35.1541	75	140	mg/kg	-
Matrix Spike Duplicate	28577-1MSD	QC580-28577-1	MSD	SW8151A	Dichlorprop	0.436	61.4951	75	140	mg/kg	-
11TAKU-B08-SO1-W01	28577-1	580-28577-1	-	SW8151A	Dichlorprop	ND	-	-	-	mg/kg	JM-
Matrix Spike Duplicate	28577-1MSD	QC580-28577-1	MSD	SW8151A	2,4-DB	0.251	35.402	50	155	mg/kg	-
11TAKU-B08-SO1-W01	28577-1	580-28577-1	-	SW8151A	2,4-DB	ND	-	-	-	mg/kg	JM-
Matrix Spike	28577-1MS	QC580-28577-1	MS	SW8151A	Pentachlorophenol	0.0719	10.07	25	120	mg/kg	-
Matrix Spike Duplicate	28577-1MSD	QC580-28577-1	MSD	SW8151A	Pentachlorophenol	0.0635	8.9563	25	120	mg/kg	-
11TAKU-B08-SO1-W01	28577-1	580-28577-1	-	SW8151A	Pentachlorophenol	ND		25	120	mg/kg	JM-
Matrix Spike Duplicate	28577-1MSD	QC580-28577-1	MSD	SW8151A	4-Nitrophenol	0.174	24.5416	31	126	mg/kg	-
11TAKU-B08-SO1-W01	28577-1	580-28577-1	-	SW8151A	4-Nitrophenol	ND		0	0	mg/kg	JM-
Matrix Spike	28577-1MS	QC580-28577-1	MS	SW8151A	2,4,5-TP (Silvex)	0.412	57.7031	68	138	mg/kg	-
11TAKU-B08-SO1-W01	28577-1	580-28577-1	-	SW8151A	2,4,5-TP (Silvex)	ND	-	0	0	mg/kg	JM-
Matrix Spike Duplicate	29176-21MSD	QC580-29176-1	MSD	SW8151A	Dichlorprop	0.504	74.4461	75	140	mg/kg	-
11TAKU-B08-SO2-C24	29176-21	580-29176-1	-	SW8151A	Dichlorprop	ND	-	-	-	mg/kg	JM-
Matrix Spike	29176-21MS	QC580-29176-1	MS	SW8151A	Pentachlorophenol	0.446	66	70	131	mg/kg	-
Matrix Spike Duplicate	29176-21MSD	QC580-29176-1	MSD	SW8151A	Pentachlorophenol	0.452	67	70	131	mg/kg	
11TAKU-B08-SO2-C24	29176-21	580-29176-1	-	SW8151A	Pentachlorophenol	ND	-	-	-	mg/kg	JM-
Matrix Spike	1118985006	QC1118985	MS	OCPSTSM	Dieldrin	0.0196	137	65	125	mg/kg	-
Matrix Spike Duplicate	1118985007	QC1118995	MSD	OCPSTSM	Dieldrin	0	0	65	125	mg/kg	-
11TAKU-B08-SO6-C08	1118985005	1118985		OCPSTSM	Dieldrin	ND	-	-	-	mg/kg	JM
Matrix Spike	29176-5MS	QC580-29176-1	MS	SW8151A	Dichlorprop	0.585	69.395	75	140	mg/kg	-
Matrix Spike Duplicate	29176-5MSD	QC580-29176-1	MSD	SW8151A	Dichlorprop	0.589	69.6217	75	140	mg/kg	-
11TAKU-B08-SO6-C08	29176-5	580-29176-1	-	SW8151A	Dichlorprop	ND	-	-	-	mg/kg	JM-
Matrix Spike Duplicate	29176-5MSD	QC580-29176-1	MSD	SW8151A	Dicamba	0.428	50.591	55	110	mg/kg	-
11TAKU-B08-SO6-C08	29176-5	580-29176-1	-	SW8151A	Dicamba	ND	-	-	-	mg/kg	JM-
Matrix Spike Duplicate	29176-5MSD	QC580-29176-1	MSD	SW8151A	MCPA	0.557	66	67	140	mg/kg	-
11TAKU-B08-SO6-C08	29176-5	580-29176-1	-	SW8151A	MCPA	ND	-	-	-	mg/kg	JM-
Matrix Spike Duplicate	29176-5MSD	QC580-29176-1	MSD	SW8151A	Pentachlorophenol	0.543	64	70	131	mg/kg	-
11TAKU-B08-SO6-C08	29176-5	580-29176-1	-	SW8151A	Pentachlorophenol	ND	-	-	-	mg/kg	JM-
Matrix Spike Duplicate	29176-5MSD	QC580-29176-1	MSD	SW8321A	2,4,6-Trinitrotoluene	0.214	57	60	135	mg/kg	-
11TAKU-B08-SO6-C08	29176-5	580-29176-1	-	SW8321A	2,4,6-Trinitrotoluene	ND	-	-	-	mg/kg	JM-
Matrix Spike Duplicate	27865-5MSD	QC580-27865-1	MSD	AK101	Gasoline Range Organics (C6-C10)	27.8	55.2684	60	120	mg/kg	-
11TAKU-B24-SO3-C05	27865-5	580-27865-1	-	AK101	Gasoline Range Organics (C6-C10)	ND	-	-	-	mg/kg	JM-
Matrix Spike	27865-5MS	QC580-27865-1	MS	SW8260	Acetone	3.17	176.3006	20	160	mg/kg	-
Matrix Spike Duplicate	27865-5MSD	QC580-27865-1	MSD	SW8260	Acetone	3.57	199.422	20	160	mg/kg	-
11TAKU-B24-SO3-C05	27865-5	580-27865-1	-	SW8260	Acetone	0.12	-	-	-	mg/kg	J,JL+,JM+
Matrix Spike	27865-5MS	QC580-27865-1	MS	SW8270	Benzidine	0.623	31	45	135	mg/kg	-
Matrix Spike Duplicate	27865-5MSD	QC580-27865-1	MSD	SW8270	Benzidine	0.632	32	45	135	mg/kg	-
11TAKU-B24-SO3-C05	27865-5	580-27865-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JM-
Matrix Spike	28179-5MS	QC580-28179-1	MS	SW8270	Benzidine	0.514	24	45	135	mg/kg	-
Matrix Spike Duplicate	28179-5MSD	QC580-28179-1	MSD	SW8270	Benzidine	0.659	31	45	135	mg/kg	-

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B24-SO-W02	28179-5	580-28179-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-, JM-
Matrix Spike	27820-2MS	QC580-27820-1	MS	SW8270	Benzidine	0.456	23	45	135	mg/kg	-
Matrix Spike Duplicate	27820-2MSD	QC580-27820-1	MSD	SW8270	Benzidine	0.5	25	45	135	mg/kg	-
11TAKU-B27-SO4-C02	27820-2	580-27820-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JL-, JM-
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	Methoxychlor	ND	0	55	145	mg/kg	-
Matrix Spike Duplicate	1051654	QC1118828	MSD	OCPSTSM	Methoxychlor	ND	0	55	145	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	Methoxychlor	ND	-	-	-	mg/kg	R
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	gamma-Chlordane	ND	0	65	125	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	gamma-Chlordane	ND	-	-	-	mg/kg	JM-
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	gamma-BHC (Lindane)	ND	0	60	125	mg/kg	-
Matrix Spike Duplicate	1051654	QC1118828	MSD	OCPSTSM	gamma-BHC (Lindane)	ND	0	60	125	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	gamma-BHC (Lindane)	ND	-	-	-	mg/kg	R
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	Endrin ketone	0.0055	43.3071	65	135	mg/kg	-
Matrix Spike Duplicate	1051654	QC1118828	MSD	OCPSTSM	Endrin ketone	0.006	46.1538	65	135	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	Endrin ketone	ND	-	-	-	mg/kg	JM-
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	Endosulfan I	ND	0	15	135	mg/kg	-
Matrix Spike Duplicate	1051654	QC1118828	MSD	OCPSTSM	Endosulfan I	ND	0	15	135	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	Endosulfan I	ND	-	-	-	mg/kg	R
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	delta-BHC	ND	0	55	130	mg/kg	-
Matrix Spike Duplicate	1051654	QC1118828	MSD	OCPSTSM	delta-BHC	ND	0	55	130	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	delta-BHC	ND	-	-	-	mg/kg	R
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	beta-BHC	ND	0	60	125	mg/kg	-
Matrix Spike Duplicate	1051654	QC1118828	MSD	OCPSTSM	beta-BHC	ND	0	60	125	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	beta-BHC	ND	-	-	-	mg/kg	R
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	alpha-Chlordane	ND	0	65	120	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	alpha-Chlordane	ND	-	-	-	mg/kg	JM-
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	alpha-BHC	ND	0	45	140	mg/kg	-
Matrix Spike Duplicate	1051654	QC1118828	MSD	OCPSTSM	alpha-BHC	ND	0	45	140	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	alpha-BHC	ND	-	-	-	mg/kg	R
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	4,4'-DDT	0.0072	26.7717	45	140	mg/kg	-
Matrix Spike Duplicate	1051654	QC1118828	MSD	OCPSTSM	4,4'-DDT	ND	-29.2308	45	140	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	4,4'-DDT	0.0038	-	-	-	mg/kg	JM-
Matrix Spike	1051653	QC1118828	MS	OCPSTSM	4,4'-DDD	0.0148	-19.685	30	135	mg/kg	-
Matrix Spike Duplicate	1051654	QC1118828	MSD	OCPSTSM	4,4'-DDD	0.0083	-69.2308	30	135	mg/kg	-
11TAKU-B38-S0O1-W01	1118828001	1118828	-	OCPSTSM	4,4'-DDD	0.0173	-	-	-	mg/kg	JM-
Matrix Spike	1118887002	QC1118887	MS	AK103	Residual Range Organics	366	49.7238	60	120	mg/kg	-
11TAKU-B38-SO3-C01	1118887001	1118887	-	AK103	Residual Range Organics	276	-	-	-	mg/kg	JM-
Matrix Spike	1118887002	QC1118887	MS	SW8260	n-Butylbenzene	2.14	52.419	65	140	mg/kg	-
Matrix Spike Duplicate	1118887003	QC1118887	MSD	SW8260	n-Butylbenzene	2.35	60.8157	65	140	mg/kg	-
11TAKU-B38-SO3-C01	1118887001	1118887	-	SW8260	n-Butylbenzene	0.829	-	-	-	mg/kg	JM-,JD
Matrix Spike	1118887002	QC1118887	MS	SW8260	4-Isopropyltoluene	2.14	64.8141	75	135	mg/kg	-

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike Duplicate	1118887003	QC1118887	MSD	SW8260	4-Isopropyltoluene	2.33	72.411	75	135	mg/kg	-
11TAKU-B38-SO3-C01	1118887001	1118887	-	SW8260	4-Isopropyltoluene	0.519	-	-	-	mg/kg	JM-,JD
Matrix Spike	1118887002	QC1118887	MS	SW8260	1,2-Dibromoethane	1.58	62.9482	70	135	mg/kg	-
11TAKU-B38-SO3-C01	1118887001	1118887	-	SW8260	1,2-Dibromoethane	ND	-	-	-	mg/kg	JM-,E
Matrix Spike	1118927009	QC1118927	MS	OCPSTSM	Methoxychlor	0.0013	11.0169	55	145	mg/kg	-
Matrix Spike Duplicate	1118927010	QC1118927	MSD	OCPSTSM	Methoxychlor	0.0011	9.322	55	145	mg/kg	-
11TAKU-B38-SO4-C12		1118927	-	OCPSTSM	Methoxychlor	ND	-	-	-	mg/kg	JM-
Matrix Spike	1118927009	QC1118927	MS	OCPSTSM	Heptachlor	0.005	42.3729	50	140	mg/kg	-
Matrix Spike Duplicate	1118927010	QC1118927	MSD	OCPSTSM	Heptachlor	0.0042	35.5932	50	140	mg/kg	-
11TAKU-B38-SO4-C12	1118927008	1118927	-	OCPSTSM	Heptachlor	ND	-	-	-	mg/kg	JM-
Matrix Spike	1118927009	QC1118927	MS	OCPSTSM	Endrin ketone	0.0064	54.2373	65	135	mg/kg	-
Matrix Spike Duplicate	1118927010	QC1118927	MSD	OCPSTSM	Endrin ketone	0.0055	46.6102	65	135	mg/kg	-
11TAKU-B38-SO4-C12	1118927008	1118927	-	OCPSTSM	Endrin ketone	ND	-	-	-	mg/kg	JM-
Matrix Spike Duplicate	1118927010	QC1118927	MSD	OCPSTSM	Endrin	0.0069	58.4746	60	135	mg/kg	-
11TAKU-B38-SO4-C12	1118927008	1118927	-	OCPSTSM	Endrin	ND	-	-	-	mg/kg	JM-
Matrix Spike	1118927009	QC1118927	MS	OCPSTSM	4,4'-DDT	0.0012	10.1695	45	140	mg/kg	-
Matrix Spike Duplicate	1118927010	QC1118927	MSD	OCPSTSM	4,4'-DDT	0.0021	17.7966	45	140	mg/kg	-
11TAKU-B38-SO4-C12	1118927008	1118927	-	OCPSTSM	4,4'-DDT	ND	-	-	-	mg/kg	JM-
Matrix Spike	1118927009	QC1118927	MS	SW8260	1,2-Dibromoethane	1.34	68.7179	70	135	mg/kg	-
11TAKU-B38-SO4-C12	1118927008	1118927	-	SW8260	1,2-Dibromoethane	ND	-	-	-	mg/kg	JM-,E
Matrix Spike	1118927009	QC1118927	MS	OCPSTSM	Endrin ketone	0.0064	54.2373	65	135	mg/kg	
Matrix Spike Duplicate	1118927010	QC1118927	MSD	OCPSTSM	Endrin ketone	0.0055	46.6102	65	135	mg/kg	
11TAKU-B38-SO4-C12	1118927008	1118927	-	OCPSTSM	Endrin ketone	ND		65	135	mg/kg	JM-
Matrix Spike Duplicate	27869-11MSD	QC580-27869-1	MSD	AK102	Diesel Range Organics	425	73.3867	75	125	mg/kg	-
11TAKU-B42-SO1-C11	27869-11	580-27869-1	-	AK102	Diesel Range Organics	3.1	-	-	-	mg/kg	J,JM-
Matrix Spike	27869-13MS	QC580-27869-1	MS	AK102	Diesel Range Organics	371	69.3458	75	125	mg/kg	-
Matrix Spike Duplicate	27869-13MSD	QC580-27869-1	MSD	AK102	Diesel Range Organics	363	71.4567	75	125	mg/kg	-
11TAKU-B42-SO2-C13	27869-13	580-27869-1	-	AK102	Diesel Range Organics	ND	-	-	-	mg/kg	JM-
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Xylene, Isomers m & p	0.611	38.6709	80	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Xylene, Isomers m & p	1.06	67.0886	80	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Xylene, Isomers m & p	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Vinyl chloride	0.314	39.6966	60	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Vinyl chloride	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	trans-1,3-Dichloropropene	0.269	35.8189	65	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	trans-1,3-Dichloropropene	0.485	64.5806	65	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	trans-1,3-Dichloropropene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	trans-1,2-Dichloroethene	0.323	40.7828	65	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	trans-1,2-Dichloroethene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Trichloroethene (TCE)	0.325	41	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Trichloroethene (TCE)	0.564	71	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Trichloroethene (TCE)	ND	-	-	-	mg/kg	JM-, JS

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Toluene	0.31	39.1414	70	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Toluene	0.525	66.2879	70	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Toluene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	tert-Butylbenzene	0.316	40.1015	65	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	tert-Butylbenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Styrene	0.338	42.839	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Styrene	0.568	71.9899	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Styrene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	sec-Butylbenzene	0.335	42.298	65	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	sec-Butylbenzene	ND	-	-	-	mg/kg	-
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	o-Xylene	0.312	39.4437	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	o-Xylene	0.521	65.866	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	o-Xylene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	n-Propylbenzene	0.311	39.3173	65	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	n-Propylbenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	n-Butylbenzene	0.331	42.2733	65	140	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	n-Butylbenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Methyl t-Butyl Ether	0.556	56	59	137	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Methyl t-Butyl Ether	0.257	32	59	137	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Methyl t-Butyl Ether	ND	-	-	-	mg/kg	JM-, JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW7471	Mercury	0.299	124.8848	80	120	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW7471	Mercury	0.028	-	-	-	mg/kg	JM+
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Isopropylbenzene	0.296	37.421	75	130	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Isopropylbenzene	0.497	62.8319	75	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Isopropylbenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Hexachlorobutadiene	0.285	36.0303	55	140	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	AK101	Gasoline Range Organics (C6-C10)	20.3	44.2266	60	120	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	AK101	Gasoline Range Organics (C6-C10)	16.8	36.6013	60	120	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	AK101	Gasoline Range Organics (C6-C10)	ND	-	-	-	mg/kg	JM-
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Ethylbenzene	0.307	39.1083	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Ethylbenzene	0.529	67.3885	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Ethylbenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	AK102	Diesel Range Organics	449	71.2857	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	AK102	Diesel Range Organics	451	70.696	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	AK102	Diesel Range Organics	7.1	-	-	-	mg/kg	JM-,JS
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Dichlorodifluoromethane	0.25	31.6056	35	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Dichlorodifluoromethane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Dibromomethane	0.29	37.1319	75	130	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Dibromomethane	0.505	64.6607	75	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Dibromomethane	ND	-	-	-	mg/kg	JM-,JS

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Dibromochloromethane	0.229	29.172	65	130	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Dibromochloromethane	0.41	52.2293	65	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Dibromochloromethane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	cis-1,3-Dichloropropene	0.297	35.7401	70	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	cis-1,3-Dichloropropene	0.505	60.7702	70	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	cis-1,3-Dichloropropene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	cis-1,2-Dichloroethene	0.32	40.5063	65	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	cis-1,2-Dichloroethene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Chloromethane	0.283	35.7775	50	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Chloromethane	ND	-	-	-	mg/kg	JM-,JS,E
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Chloroform	0.312	39.3939	70	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Chloroform	0.552	69.697	70	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Chloroform	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Chloroethane	0.265	33.5019	40	155	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Chloroethane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Chlorobenzene	0.322	40.708	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Chlorobenzene	0.548	69.2794	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Chlorobenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Carbon tetrachloride	0.31	39.1414	65	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Carbon tetrachloride	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Bromoform	0.222	28.1369	55	135	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Bromoform	0.387	49.0494	55	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Bromoform	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Bromodichloromethane	0.284	36.3636	70	130	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Bromodichloromethane	0.497	63.6364	70	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Bromodichloromethane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Bromochloromethane	0.327	41.6561	70	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Bromochloromethane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Bromobenzene	0.304	38.6277	65	120	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Bromobenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	Benzene	0.309	39.2132	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	Benzene	0.533	67.6396	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	Benzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	4-Methyl-2-pentanone	0.481	30.6369	45	145	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	4-Methyl-2-pentanone	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	4-Chlorotoluene	0.31	39.7946	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	4-Chlorotoluene	0.513	65.8537	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	4-Chlorotoluene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	2-Hexanone	0.497	32.0645	45	145	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	2-Hexanone	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	2-Chlorotoluene	0.327	41.7625	70	130	mg/kg	-

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	2-Chlorotoluene	0.533	68.0715	70	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	2-Chlorotoluene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	2,2-Dichloropropane	0.27	34.0909	65	135	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	2,2-Dichloropropane	0.466	58.8384	65	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	2,2-Dichloropropane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,4-Dichlorobenzene	0.305	38.6076	70	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,4-Dichlorobenzene	0.505	63.9241	70	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,4-Dichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,3-Dichloropropane	0.307	38.8116	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,3-Dichloropropane	0.529	66.8774	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,3-Dichlorobenzene	0.3	37.9747	70	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,3-Dichlorobenzene	0.505	63.9241	70	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,3-Dichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,3,5-Trimethylbenzene	0.356	44.9495	65	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,3,5-Trimethylbenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,2-Dichloropropane	0.346	43.7421	70	120	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,2-Dichloropropane	0.544	68.7737	70	120	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,2-Dichloropropane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,2-Dichloroethane	0.321	40.9439	70	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,2-Dichloroethane	ND	-	-	-	mg/kg	JM-,JS,E
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,2-Dichlorobenzene	0.282	36.2934	75	120	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,2-Dichlorobenzene	0.501	64.4788	75	120	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,2-Dichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,2-Dibromoethane	0.289	36.536	70	135	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,2-Dibromoethane	0.505	63.8432	70	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,2-Dibromoethane	ND	-	-	-	mg/kg	JM-,JS,E
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,2,4-Trimethylbenzene	0.348	43.9394	65	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,2,4-Trimethylbenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,2,4-Trichlorobenzene	0.271	34.4784	65	130	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,2,4-Trichlorobenzene	0.501	63.7405	65	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,2,3-Trichlorobenzene	0.209	26.3889	60	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,1-Dichloropropene	0.328	41.5716	70	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,1-Dichloropropene	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,1-Dichloroethane	0.316	40.3576	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,1-Dichloroethane	0.548	69.9872	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,1-Dichloroethane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,1,2-Trichloroethane	0.305	39.0525	60	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,1,2-Trichloroethane	ND	-	-	-	mg/kg	JM-,JS

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,1,2,2-Tetrachloroethane	0.262	33.1226	55	130	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,1,2,2-Tetrachloroethane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,1,1-Trichloroethane	0.313	39.5202	70	135	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,1,1-Trichloroethane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike	27870-5MS	QC580-27870-1	MS	SW8260	1,1,1,2-Tetrachloroethane	0.298	38.1562	75	125	mg/kg	-
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,1,1,2-Tetrachloroethane	0.556	71.1908	75	125	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,1,1,2-Tetrachloroethane	ND	-	-	-	mg/kg	JM-,JS
Matrix Spike Duplicate	27870-5MSD	QC580-27870-1	MSD	SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	61	61	66	163	mg/kg	-
11TAKU-B48-SO8-C05	27870-5	580-27870-1	-	SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	-	-	-	mg/kg	JM-, JS
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Xylene, Isomers m & p	0.154	9.0058	80	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Xylene, Isomers m & p	0.0486	2.8421	80	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Xylene, Isomers m & p	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Vinyl chloride	0.15	17.5439	60	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Vinyl chloride	0.121	14.152	60	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Vinyl chloride	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Trichlorofluoromethane	0.12	14.0351	25	185	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Trichlorofluoromethane	0.0912	10.6667	25	185	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Trichlorofluoromethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	trans-1,3-Dichloropropene	0.0691	8.5099	65	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	trans-1,3-Dichloropropene	0.019	2.3399	65	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	trans-1,3-Dichloropropene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	trans-1,2-Dichloroethene	0.0887	10.3621	65	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	trans-1,2-Dichloroethene	0.0272	3.1776	65	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	trans-1,2-Dichloroethene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Trichloroethene (TCE)	0.0835	10	70	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Trichloroethene (TCE)	0.0244	3	70	135	mg/kg	
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Trichloroethene (TCE)	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Toluene	0.0725	8.4795	70	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Toluene	0.0251	2.9357	70	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Toluene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	tert-Butylbenzene	0.0772	9.061	65	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	tert-Butylbenzene	0.0293	3.439	65	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	tert-Butylbenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Styrene	0.0929	10.9038	75	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Styrene	0.0337	3.9554	75	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Styrene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	sec-Butylbenzene	0.0789	9.2281	65	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	sec-Butylbenzene	0.0345	4.0351	65	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	sec-Butylbenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	o-Xylene	0.0814	9.5205	75	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	o-Xylene	0.0271	3.1696	75	125	mg/kg	-

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	o-Xylene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	n-Propylbenzene	0.072	8.4211	65	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	n-Propylbenzene	0.025	2.924	65	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	n-Propylbenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	n-Butylbenzene	0.0848	10.0236	65	140	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	n-Butylbenzene	0.0529	6.253	65	140	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	n-Butylbenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Naphthalene	ND	0	40	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Naphthalene	0.0767	8.9708	40	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Naphthalene	ND	-	-	-	mg/kg	R
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Methylene chloride	0.115	11.6959	55	140	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Methylene chloride	0.0503	4.1287	55	140	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Methylene chloride	0.015	-	-	-	mg/kg	J,B,JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Methyl t-Butyl Ether	0.101	12	59	137	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Methyl t-Butyl Ether	0.0772	9	59	137	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Methyl t-Butyl Ether	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Isopropylbenzene	0.0686	8.0234	75	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Isopropylbenzene	0.0207	2.4211	75	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Isopropylbenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Hexachlorobutadiene	ND	0	55	140	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Hexachlorobutadiene	0.0342	4	55	140	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Hexachlorobutadiene	ND	-	-	-	mg/kg	R
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	AK101	Gasoline Range Organics (C6-C10)	19.9	58.1871	60	120	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	AK101	Gasoline Range Organics (C6-C10)	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Ethylbenzene	0.0793	9.3404	75	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Ethylbenzene	0.0241	2.8386	75	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Ethylbenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	AK102	Diesel Range Organics	454	74.4019	75	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	AK102	Diesel Range Organics	9.3	-	-	-	mg/kg	J,JM-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Dichlorodifluoromethane	0.0844	9.8713	35	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Dichlorodifluoromethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Dibromomethane	0.0789	9.3594	75	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Dibromomethane	0.0232	2.7521	75	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Dibromomethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Dibromochloromethane	0.0682	8.0425	65	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Dibromochloromethane	0.022	2.5943	65	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Dibromochloromethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	cis-1,3-Dichloropropene	0.078	8.686	70	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	cis-1,3-Dichloropropene	0.0212	2.3608	70	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	cis-1,3-Dichloropropene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	cis-1,2-Dichloroethene	0.0904	10.5855	65	125	mg/kg	-

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	cis-1,2-Dichloroethene	0.0268	3.1382	65	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	cis-1,2-Dichloroethene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Chloromethane	0.136	15.9064	50	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Chloromethane	0.116	13.5673	50	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Chloromethane	ND	-	-	-	mg/kg	JM-,E
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Chloroform	0.0844	9.8713	70	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Chloroform	0.0239	2.7953	70	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Chloroform	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Chloroethane	0.191	22.3392	40	155	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Chloroethane	ND	0	40	155	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Chloroethane	ND	-	-	-	mg/kg	R
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Chlorobenzene	0.0899	10.5146	75	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Chlorobenzene	0.0294	3.4386	75	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Chlorobenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Carbon tetrachloride	0.0716	8.3645	65	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Carbon tetrachloride	0.016	1.8692	65	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Carbon tetrachloride	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Carbon disulfide	0.251	14.6784	45	160	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Carbon disulfide	0.226	13.2164	45	160	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Carbon disulfide	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Bromomethane	0.131	15.3216	30	160	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Bromomethane	0.0912	10.6667	30	160	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Bromomethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Bromoform	0.0797	9.3545	55	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Bromoform	ND	0	55	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Bromoform	ND	-	-	-	mg/kg	R
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Bromodichloromethane	0.072	8.5308	70	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Bromodichloromethane	0.0293	3.4716	70	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Bromodichloromethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Bromochloromethane	0.0904	10.6604	70	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Bromochloromethane	0.0246	2.9009	70	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Bromochloromethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Bromobenzene	0.0754	8.8602	65	120	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Bromobenzene	0.027	3.1727	65	120	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Bromobenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	Benzene	0.0865	10.1645	75	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	Benzene	0.0245	2.879	75	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	Benzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	4-Methyl-2-pentanone	0.199	11.7059	45	145	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	4-Methyl-2-pentanone	0.165	9.7059	45	145	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	4-Methyl-2-pentanone	ND	-	-	-	mg/kg	JM-

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	4-Chlorotoluene	0.081	9.62	75	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	4-Chlorotoluene	0.0239	2.8385	75	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	4-Chlorotoluene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	2-Hexanone	0.267	15.8929	45	145	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	2-Hexanone	0.225	13.3929	45	145	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	2-Hexanone	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	2-Chlorotoluene	0.0835	9.87	70	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	2-Chlorotoluene	0.0243	2.8723	70	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	2-Chlorotoluene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	2-Butanone	0.354	12.5146	30	160	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	2-Butanone	0.251	6.4912	30	160	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	2-Butanone	0.14	-	-	-	mg/kg	J,JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	2,2-Dichloropropane	0.0678	7.9206	65	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	2,2-Dichloropropane	0.0207	2.4182	65	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	2,2-Dichloropropane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,4-Dichlorobenzene	0.0691	8.0913	70	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,4-Dichlorobenzene	0.0233	2.7283	70	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,4-Dichlorobenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,3-Dichloropropane	0.0823	9.6257	75	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,3-Dichloropropane	0.0243	2.8421	75	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,3-Dichloropropane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,3-Dichlorobenzene	0.0708	8.3001	70	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,3-Dichlorobenzene	0.024	2.8136	70	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,3-Dichlorobenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,3,5-Trimethylbenzene	0.0733	8.5731	65	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,3,5-Trimethylbenzene	0.0267	3.1228	65	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,3,5-Trimethylbenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,2-Dichloropropane	0.129	15.0877	70	120	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,2-Dichloropropane	ND	0	70	120	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2-Dichloropropane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,2-Dichloroethane	0.0895	10.5667	70	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,2-Dichloroethane	0.0274	3.2349	70	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2-Dichloroethane	ND	-	-	-	mg/kg	JM-,E
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,2-Dichlorobenzene	0.0678	8.0714	75	120	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,2-Dichlorobenzene	0.0207	2.4643	75	120	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2-Dichlorobenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,2-Dibromoethane	0.0746	8.7251	70	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,2-Dibromoethane	ND	0	70	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2-Dibromoethane	ND	-	-	-	mg/kg	R
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,2-Dibromo-3-chloropropane	ND	0	40	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,2-Dibromo-3-chloropropane	ND	0	40	135	mg/kg	-

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2-Dibromo-3-chloropropane	ND	-	-	-	mg/kg	R
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,2,4-Trimethylbenzene	0.0742	8.6682	65	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,2,4-Trimethylbenzene	0.0266	3.1075	65	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2,4-Trimethylbenzene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,2,4-Trichlorobenzene	0.0249	2.9329	65	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,2,4-Trichlorobenzene	0.036	4.2403	65	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2,4-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JM-,JC-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,2,3-Trichloropropane	0.0818	9.7034	65	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,2,3-Trichloropropane	0.0212	2.5148	65	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2,3-Trichloropropane	ND	-	-	-	mg/kg	JM-,E
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,2,3-Trichlorobenzene	0.0374	4.3743	60	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,2,3-Trichlorobenzene	0.377	44.0936	60	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,2,3-Trichlorobenzene	ND	-	-	-	mg/kg	JL-,JM-,JC-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,1-Dichloropropene	0.0857	10.0587	70	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,1-Dichloropropene	0.0253	2.9695	70	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,1-Dichloropropene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,1-Dichloroethene	0.0933	11.0284	65	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,1-Dichloroethene	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,1-Dichloroethane	0.084	9.9291	75	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,1-Dichloroethane	0.0248	2.9314	75	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,1-Dichloroethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,1,2-Trichloroethane	0.0801	9.4905	60	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,1,2-Trichloroethane	0.0226	2.6777	60	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,1,2-Trichloroethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,1,2,2-Tetrachloroethane	0.0644	7.5322	55	130	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,1,2,2-Tetrachloroethane	0.019	2.2222	55	130	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,1,2,2-Tetrachloroethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,1,1-Trichloroethane	0.0776	9.076	70	135	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,1,1-Trichloroethane	0.022	2.5731	70	135	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,1,1-Trichloroethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,1,1,2-Tetrachloroethane	0.0695	8.2444	75	125	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,1,1,2-Tetrachloroethane	0.0259	3.0724	75	125	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,1,1,2-Tetrachloroethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28045-2MS	QC580-28045-1	MS	SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.107	13	66	162	mg/kg	-
Matrix Spike Duplicate	28045-2MSD	QC580-28045-1	MSD	SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0844	10	66	162	mg/kg	-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	-	SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	-	-	-	mg/kg	JM-
Matrix Spike	28021-2MS	QCG1H170431	MS	SW8270	Benzyl alcohol	ND	0	20	125	mg/kg	-
Matrix Spike Duplicate	28021-2MSD	QCG1H170431	MSD	SW8270	Benzyl alcohol	ND	0	20	125	mg/kg	-
11TAKU-B49-SO-W02	28021-2	580-28021-1	-	SW8270	Benzyl alcohol	ND	-	-	-	mg/kg	R
Matrix Spike	28021-2MS	QCG1H170431	MS	SW8270	4-Chloroaniline	0.275	24	34	195	mg/kg	-
Matrix Spike Duplicate	28021-2MSD	QCG1H170431	MSD	SW8270	4-Chloroaniline	0.298	27	34	195	mg/kg	-

Table B-2-5
2011 Former Communication Site Construction Support - Matrix Spike Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11TAKU-B49-SO-W02	28021-2	580-28021-1	-	SW8270	4-Chloroaniline	ND	-	-	-	mg/kg	JM-
Matrix Spike Duplicate	27099-3MSD	QC580-27099-1	MSD	AK101	Gasoline Range Organics (C6-C10)	20.3	31.3272	60	120	mg/kg	-
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	-	AK101	Gasoline Range Organics (C6-C10)	ND	-	-	-	mg/kg	JM-
Matrix Spike Duplicate	27099-3MSD	QC580-27099-1	MSD	AK102	Diesel Range Organics	432	73.75	75	125	mg/kg	-
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	-	AK102	Diesel Range Organics	19	-	-	-	mg/kg	J,JM-
Matrix Spike	27099-3MS	QC580-27099-1	MS	SW8081	Endosulfan I	0.00212	10	15	135	mg/kg	-
Matrix Spike Duplicate	27099-3MSD	QC580-27099-1	MSD	SW8081	Endosulfan I	0.00692	31	15	135	mg/kg	-
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	-	SW8081	Endosulfan I	ND	-	-	-	mg/kg	JM-
Matrix Spike	27099-3MS	QC580-27099-1	MS	SW8151A	Dicamba	0.335	44.9664	55	110	mg/kg	-
Matrix Spike Duplicate	27099-3MSD	QC580-27099-1	MSD	SW8151A	Dicamba	0.373	50.2019	55	110	mg/kg	-
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	-	SW8151A	Dicamba	ND	-	-	-	mg/kg	JM-
Matrix Spike	27099-3MS	QC580-27099-1	MS	SW8270	Benzidine	0.421	19	45	135	mg/kg	-
Matrix Spike Duplicate	27099-3MSD	QC580-27099-1	MSD	SW8270	Benzidine	0.413	19	45	135	mg/kg	-
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JM-
Matrix Spike	27548-1MS	QC580-27548-1	MS	SW6010	Magnesium	17.6	77	80	120	mg/l	-
Matrix Spike Duplicate	27548-1MSD	QC580-27548-1	MSD	SW6010	Magnesium	17.4	76	80	120	mg/l	-
11FWA-TAKU-WX01	27548-1	580-27548-1	-	SW6010	Magnesium		-	-	-	mg/l	JM-
Matrix Spike	27548-1MS	QC580-27548-1	MS	SW7470	Mercury	0.00114	57	80	120	mg/l	-
Matrix Spike Duplicate	27548-1MSD	QC580-27548-1	MSD	SW7470	Mercury	0.0011	55	80	120	mg/l	-
11FWA-TAKU-WX01	27548-1	580-27548-1	-	SW7470	Mercury	ND	-	-	-	mg/l	JM-
Matrix Spike	27675-1MS	QC580-27675-1	MS	SW8081	Heptachlor	0.0107	49.0826	50	140	mg/kg	-
11FWA-TAKU-WX02	27675-1	580-27675-1	-	SW8081	Heptachlor	ND	-	-	-	mg/kg	JM-
Matrix Spike	27675-1MS	QC580-27675-1	MS	SW8270	Benzidine	0.668	31	45	135	mg/kg	-
Matrix Spike	27675-1MSD	QC580-27675-1	MSD	SW8270	Benzidine	0.616	29	45	135	mg/kg	-
11FWA-TAKU-WX02	27675-1	580-27675-1	-	SW8270	Benzidine	ND	-	-	-	mg/kg	JM-

Notes:
ND = nondetect
LOD = limit of detection
LOQ = limit of quantitation
mg/kg= milligrams per kilogram
For additional definitions, refer to the Data Quality Assessment

Table B-2-6
2011 Former Communication Site Construction Support - Calibration Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Laboratory Batch Number	Method	Analyte	Result	LOD	LOQ	Units	Qualifier
11TAKU-B08-SO6-C09	1118985008	1118985	XXX25913	8270SIM	Benzo(g,h,i)perylene	0.0039	0.0038	0.0064	mg/kg	J,JC+
11TAKU-B08-SB03-C32	29621-8	580-29621-1	99638	AK103	Residual Range Organics	10	9.8	49	mg/kg	J,JC+
11TAKU-B08-SB04-C35	29621-11	580-29621-1	99638	AK103	Residual Range Organics	13	13	64	mg/kg	J,JC+
11TAKU-B08-SB04-C36	29621-12	580-29621-1	99638	AK103	Residual Range Organics	17	13	65	mg/kg	J,JC+
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	89279	SW8270	Benzidine	ND	0.45	2.3	mg/kg	JC-,JL-
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	89279	SW8270	Benzidine	ND	0.52	2.6	mg/kg	JC-,JL-
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	89279	SW8270	Benzidine	ND	0.47	2.4	mg/kg	JC-,JL-
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	89279	SW8270	Benzidine	ND	0.46	2.3	mg/kg	JC-,JL-
11TAKU-B38-SO1-C06	1118927002	1118927	VMS12456	SW8260	Methylene chloride	0.135	0.196	0.315	mg/kg	J,JC+
11TAKU-B38-SO3-C10	1118927006	1118927	VMS12456	SW8260	Methylene chloride	0.0744	0.138	0.222	mg/kg	J,JC+
11TAKU-B49-SO10-C01	28045-1	580-28045-1	93294	SW8260	1,2-Dibromo-3-chloropropane	ND	0.15	0.2	mg/kg	JC-
11TAKU-B49-SO10-C02	28045-2	580-28045-1	93294	SW8260	Acetone	0.92	0.11	0.43	mg/kg	JC+
11TAKU-B49-SO10-C02	28045-2	580-28045-1	93294	SW8260	1,2-Dibromo-3-chloropropane	ND	0.16	0.21	mg/kg	JM-,JC-
11TAKU-B49-SO10-C03	28045-3	580-28045-1	93294	SW8260	Acetone	1.4	0.097	0.39	mg/kg	JC+
11TAKU-B49-SO10-C03	28045-3	580-28045-1	93294	SW8260	1,2-Dibromo-3-chloropropane	ND	0.15	0.19	mg/kg	JC-
11TAKU-B49-SO9-C04	28045-4	580-28045-1	93294	SW8260	1,2-Dibromo-3-chloropropane	ND	0.15	0.2	mg/kg	JC-
11TAKU-B49-SO9-C05	28045-5	580-28045-1	93294	SW8260	1,2-Dibromo-3-chloropropane	ND	0.14	0.18	mg/kg	JC-
11TAKU-B49-SO9-C06	28045-6	580-28045-1	93294	SW8260	1,2-Dibromo-3-chloropropane	ND	0.17	0.22	mg/kg	JC-
11TAKU-B49-TB02	28045-7	580-28045-1	93294	SW8260	1,2-Dibromo-3-chloropropane	ND	0.15	0.2	mg/kg	JC-

Notes:
ND = nondetect
LOD = limit of detection
LOQ = limit of quantitation
mg/kg= milligrams per kilogram
For additional definitions, refer to the Data Quality Assessment

Table B-2-7
2011 Former Communication Site Construction Support - Field Duplicates that Exceeded RPD Criteria

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	ADEC Criteria	Result	LOD	LOQ	Units	Qualifier	RPD
11TAKU-B27-SO04-C02	27820-2	580-27820-1	Primary	SW7471	Mercury	1.4	0.014	0.0042	0.013	mg/kg	JD	52
11TAKU-B27-SO04-C03	27820-3		Duplicate				ND	0.0082	0.016	mg/kg	JD	
11TAKU-B38-SO3-C01	1118887001	1118887	Primary	SW8260	1,3,5-Trimethylbenzene	23	0.288	0.0524	0.0839	mg/kg	JD	160
11TAKU-B38-SO3-C02	1118887004		Duplicate				0.0322	0.0418	0.067	mg/kg	J,JD	
11TAKU-B38-SO3-C01	1118887001	1118887	Primary	OCPSTSM	4,4'-DDT	7.3	0.0315	0.0067	0.0108	mg/kg	JD	70
11TAKU-B38-SO3-C02	1118887004		Duplicate				0.0152	0.0067	0.0108	mg/kg	JD	
11TAKU-B38-SO3-C01	1118887001	1118887	Primary	SW8260	4-Isopropyltoluene		0.519	0.0524	0.0839	mg/kg	JM-,JD	174
11TAKU-B38-SO3-C02	1118887004		Duplicate				0.0355	0.0418	0.067	mg/kg	J,JD	
11TAKU-B38-SO3-C01	1118887001	1118887	Primary	SW8260	n-Butylbenzene	15	0.829	0.0524	0.0839	mg/kg	JM-,JD	183
11TAKU-B38-SO3-C02	1118887004		Duplicate				0.0362	0.0418	0.067	mg/kg	J,JD	
11TAKU-B38-SO3-C01	1118887001	1118887	Primary	SW8260	sec-Butylbenzene	12	0.19	0.0524	0.0839	mg/kg	JD	128
11TAKU-B38-SO3-C02	1118887004		Duplicate				ND	0.0418	0.067	mg/kg	JD	
11TAKU-B38-SO3-C01	1118887001	1118887	Primary	SW8260	Trichloroethene (TCE)	0.02	0.073	0.0262	0.042	mg/kg	JD	111
11TAKU-B38-SO3-C02	1118887004		Duplicate				ND	0.021	0.0335	mg/kg	JD,E	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	2-Methylnaphthalene	6.1	0.0065	0.0022	0.0056	mg/kg	JD	74
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.003	0.0023	0.0057	mg/kg	J,JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Acenaphthene	180	0.017	0.0017	0.0056	mg/kg	JD	75
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.0077	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Acenaphthene	180	0.022	0.0056	0.022	mg/kg	JD	67
11FWA-TAKU-SO03-C04	27099-4		Duplicate				ND	0.011	0.023	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Anthracene	3000	0.058	0.0017	0.0056	mg/kg	JD	55
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.033	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Anthracene	3000	0.056	0.0056	0.022	mg/kg	JD	73
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.026	0.0057	0.023	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Benzo(a)anthracene	3.6	0.11	0.0017	0.0056	mg/kg	JD	68
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.054	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Benzo(a)anthracene	3.6	0.16	0.0056	0.022	mg/kg	JD	86
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.064	0.0057	0.023	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Benzo(a)pyrene	0.49	0.1	0.0017	0.0056	mg/kg	JD	58
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.055	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Benzo(a)pyrene	0.49	0.13	0.0056	0.033	mg/kg	JD	65
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.066	0.0057	0.034	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Benzo(b)fluoranthene	4.9	0.13	0.0017	0.0056	mg/kg	JD	60
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.07	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Benzo(b)fluoranthene	4.9	0.17	0.0056	0.022	mg/kg	JD	67
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.085	0.0057	0.023	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Benzo(k)fluoranthene	49	0.069	0.0017	0.0056	mg/kg	JD	71
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.033	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Benzo(k)fluoranthene	49	0.06	0.0056	0.028	mg/kg	JD	53
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.035	0.0057	0.028	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Chrysene	360	0.14	0.0017	0.0056	mg/kg	JD	83
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.058	0.0017	0.0057	mg/kg	JD	

Table B-2-7
2011 Former Communication Site Construction Support - Field Duplicates that Exceeded RPD Criteria

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	ADEC Criteria	Result	LOD	LOQ	Units	Qualifier	RPD
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Chrysene	360	0.16	0.0056	0.028	mg/kg	JD	76
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.072	0.0057	0.028	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Fluoranthene	1400	0.25	0.0017	0.0056	mg/kg	JD	86
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.1	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Fluoranthene	1400	0.28	0.0056	0.022	mg/kg	JD	73
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.13	0.0057	0.023	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Fluorene	220	0.024	0.0017	0.0056	mg/kg	JD	100
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.008	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Naphthalene	20	0.0081	0.0022	0.0056	mg/kg	JD	51
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.0048	0.0023	0.0057	mg/kg	J,JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Phenanthrene	3000	0.22	0.0017	0.0056	mg/kg	JD	89
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.085	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Phenanthrene	3000	0.29	0.0056	0.022	mg/kg	JD	90
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.11	0.0057	0.023	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	8270SIM	Pyrene	1000	0.2	0.0017	0.0056	mg/kg	JD	83
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.083	0.0017	0.0057	mg/kg	JD	
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	Primary	SW8270	Pyrene	1000	0.25	0.0056	0.022	mg/kg	JD	78
11FWA-TAKU-SO03-C04	27099-4		Duplicate				0.11	0.0057	0.023	mg/kg	JD	
11TAKU-B42-SO1-C11	27869-11	580-27869-1	Primary	SW7471	Mercury	1.4	0.034	0.0061	0.019	mg/kg	JD	62
11TAKU-B42-SO1-C22	27869-22		Duplicate				0.018	0.0059	0.019	mg/kg	J,JD	
11TAKU-B48-SO10-C02	27870-2	580-27870-1	Primary	SW6020	Antimony	3.6	0.17	0.041	0.2	mg/kg	J,JD	76
11TAKU-B48-SO10-C03	27870-3		Duplicate				0.38	0.043	0.21	mg/kg	JD	
11TAKU-B48-SO10-C02	27870-2	580-27870-1	Primary	SW6020	Manganese		960	0.1	0.49	mg/kg	JD	93
11TAKU-B48-SO10-C03	27870-3		Duplicate				350	0.11	0.51	mg/kg	JD	
11TAKU-B49-SO10-C02	28045-2	580-28045-1	Primary	SW8015B	Propylene glycol		120	0.64	6.4	mg/kg	JD	138
11TAKU-B49-SO10-C03	28045-3		Duplicate				22	0.66	6.6	mg/kg	JD	

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ND = nondetect
LOD = limit of detection
LOQ = limit of quantitation
mg/kg= milligrams per kilogram
For additional definitions, refer to the Data Quality Assessment

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11FWA-B3004-TB04	G1H170431003	G1H170431	SW8260	1,2-Dibromoethane	0.00016	ND	0.0054	0.05	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8260	1,2-Dichloroethane	0.016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8260	Chloromethane	0.21	ND	0.34	0.45	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8260	Dibromochloromethane	0.032	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8260	Methylene chloride	0.016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.57	1.1	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.57	1.1	mg/kg	E	1
11FWA-TAKU-SO03-C02	27099-2	580-27099-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.042	0.056	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.042	0.056	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8260	1,2-Dichloroethane	0.016	ND	0.042	0.056	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8260	Chloromethane	0.21	ND	0.42	0.56	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8260	Dibromochloromethane	0.032	ND	0.042	0.056	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8260	Methylene chloride	0.016	ND	0.042	0.056	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.56	1.1	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.56	1.1	mg/kg	E	1
11FWA-TAKU-SO03-C03	27099-3	580-27099-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8260	1,2-Dichloroethane	0.016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8260	Chloromethane	0.21	ND	0.34	0.45	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8260	Dibromochloromethane	0.032	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8260	Methylene chloride	0.016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.57	1.1	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.57	1.1	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.11	mg/kg	E	1
11FWA-TAKU-SO03-C04	27099-4	580-27099-1	SW8270	Pentachlorophenol	0.047	ND	0.057	0.23	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8260	1,2-Dichloroethane	0.016	ND	0.034	0.045	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8260	Chloromethane	0.21	ND	0.34	0.45	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8260	Dibromochloromethane	0.032	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8260	Methylene chloride	0.016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.59	1.2	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.024	0.12	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.024	0.12	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.024	0.12	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.59	1.2	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.024	0.12	mg/kg	E	1
11FWA-TAKU-SO03-C06	27099-6	580-27099-1	SW8270	Pentachlorophenol	0.047	ND	0.059	0.24	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8260	1,2-Dichloroethane	0.016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8260	Chloromethane	0.21	ND	0.34	0.45	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8260	Dibromochloromethane	0.032	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8260	Methylene chloride	0.016	ND	0.034	0.045	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.58	1.2	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.12	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.12	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.12	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.58	1.2	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.12	mg/kg	E	1
11FWA-TAKU-SO03-C07	27099-7	580-27099-1	SW8270	Pentachlorophenol	0.047	ND	0.058	0.23	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.037	0.049	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.037	0.049	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8260	1,2-Dichloroethane	0.016	ND	0.037	0.049	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8260	Chloromethane	0.21	ND	0.37	0.49	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8260	Dibromochloromethane	0.032	ND	0.037	0.049	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8260	Methylene chloride	0.016	ND	0.037	0.049	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.61	1.2	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.024	0.12	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.024	0.12	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.024	0.12	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.61	1.2	mg/kg	E	1
11FWA-TAKU-SO05-C01	27099-1	580-27099-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.024	0.12	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.038	0.05	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.038	0.05	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8260	1,2-Dichloroethane	0.016	ND	0.038	0.05	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8260	Chloromethane	0.21	ND	0.38	0.5	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8260	Dibromochloromethane	0.032	ND	0.038	0.05	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8260	Methylene chloride	0.016	ND	0.038	0.05	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.65	1.3	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.026	0.13	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.026	0.13	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.026	0.13	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.65	1.3	mg/kg	E	1
11FWA-TAKU-SO05-C05	27099-5	580-27099-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.026	0.13	mg/kg	E	1
11FWA-TAKU-SO-TB01	27099-8	580-27099-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11FWA-TAKU-SO-TB01	27099-8	580-27099-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11FWA-TAKU-SO-TB01	27099-8	580-27099-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11FWA-TAKU-SO-TB01	27099-8	580-27099-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11FWA-TAKU-SO-TB01	27099-8	580-27099-1	SW8260	Methylene chloride	0.016	ND	0.03	0.04	mg/kg	E	1
11FWA-TAKU-TB06	27675-3	580-27675-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11FWA-TAKU-TB06	27675-3	580-27675-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11FWA-TAKU-TB06	27675-3	580-27675-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11FWA-TAKU-TB06	27675-3	580-27675-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8260	1,2,3-Trichloropropane	0.00012	ND	0.00045	0.001	mg/L	E	1
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8260	1,2-Dibromoethane	0.00005	ND	0.0009	0.001	mg/L	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.021	0.028	mg/kg	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.021	0.028	mg/kg	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8260	1,2-Dichloroethane	0.016	ND	0.021	0.028	mg/kg	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8260	Methylene chloride	0.016	ND	0.021	0.028	mg/kg	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.52	1	mg/kg	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11FWA-TAKU-WX02	27675-1	580-27675-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.022	0.029	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.022	0.029	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8260	1,2-Dichloroethane	0.016	ND	0.022	0.029	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8260	Chloromethane	0.21	ND	0.22	0.29	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8260	Methylene chloride	0.016	ND	0.022	0.029	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.1	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.1	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.1	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.51	1	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.1	mg/kg	E	1
11FWA-TAKU-WX03	27675-2	580-27675-1	SW8270	Pentachlorophenol	0.047	ND	0.051	0.2	mg/kg	E	1
11TAKU-B08-SB01-C25	29621-1	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.019	0.025	mg/kg	E	1
11TAKU-B08-SB01-C25	29621-1	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.019	0.025	mg/kg	E	1
11TAKU-B08-SB01-C25	29621-1	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.019	0.025	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SB01-C26	29621-2	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.024	0.033	mg/kg	E	1
11TAKU-B08-SB01-C26	29621-2	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.024	0.033	mg/kg	E	1
11TAKU-B08-SB01-C26	29621-2	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.024	0.033	mg/kg	E	1
11TAKU-B08-SB01-C26	29621-2	580-29621-1	SW8260	Chloromethane	0.21	ND	0.24	0.33	mg/kg	E	1
11TAKU-B08-SB01-C26	29621-2	580-29621-1	SW8260	Methylene chloride	0.016	ND	0.024	0.033	mg/kg	E	1
11TAKU-B08-SB01-C27	29621-3	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.023	0.03	mg/kg	E	1
11TAKU-B08-SB01-C27	29621-3	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.023	0.03	mg/kg	E	1
11TAKU-B08-SB01-C27	29621-3	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.023	0.03	mg/kg	E	1
11TAKU-B08-SB01-C27	29621-3	580-29621-1	SW8260	Chloromethane	0.21	ND	0.23	0.3	mg/kg	E	1
11TAKU-B08-SB02-C28	29621-4	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.018	0.025	mg/kg	E	1
11TAKU-B08-SB02-C28	29621-4	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.018	0.025	mg/kg	E	1
11TAKU-B08-SB02-C28	29621-4	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.018	0.025	mg/kg	E	1
11TAKU-B08-SB02-C29	29621-5	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.021	0.028	mg/kg	E	1
11TAKU-B08-SB02-C29	29621-5	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.021	0.028	mg/kg	E	1
11TAKU-B08-SB02-C29	29621-5	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.021	0.028	mg/kg	E	1
11TAKU-B08-SB02-C30	29621-6	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.018	0.024	mg/kg	E	1
11TAKU-B08-SB02-C30	29621-6	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.018	0.024	mg/kg	E	1
11TAKU-B08-SB02-C30	29621-6	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.018	0.024	mg/kg	E	1
11TAKU-B08-SB02-C30	29621-6	580-29621-1	SW8260	Methylene chloride	0.016	ND	0.018	0.024	mg/kg	E	1
11TAKU-B08-SB02-C31	29621-7	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.016	0.022	mg/kg	E	1
11TAKU-B08-SB02-C31	29621-7	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.016	0.022	mg/kg	E	1
11TAKU-B08-SB03-C32	29621-8	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.015	0.02	mg/kg	E	1
11TAKU-B08-SB03-C32	29621-8	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.015	0.02	mg/kg	E	1
11TAKU-B08-SB03-C33	29621-9	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.021	0.029	mg/kg	E	1
11TAKU-B08-SB03-C33	29621-9	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.021	0.029	mg/kg	E	1
11TAKU-B08-SB03-C33	29621-9	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.021	0.029	mg/kg	E	1
11TAKU-B08-SB03-C34	29621-10	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.016	0.021	mg/kg	E	1
11TAKU-B08-SB03-C34	29621-10	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.016	0.021	mg/kg	E	1
11TAKU-B08-SB04-C35	29621-11	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.025	0.034	mg/kg	E	1
11TAKU-B08-SB04-C35	29621-11	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.025	0.034	mg/kg	E	1
11TAKU-B08-SB04-C35	29621-11	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.025	0.034	mg/kg	E	1
11TAKU-B08-SB04-C35	29621-11	580-29621-1	SW8260	Chloromethane	0.21	ND	0.25	0.34	mg/kg	E	1
11TAKU-B08-SB04-C35	29621-11	580-29621-1	SW8260	Methylene chloride	0.016	ND	0.025	0.034	mg/kg	E	1
11TAKU-B08-SB04-C36	29621-12	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.024	0.032	mg/kg	E	1
11TAKU-B08-SB04-C36	29621-12	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.024	0.032	mg/kg	E	1
11TAKU-B08-SB04-C36	29621-12	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.024	0.032	mg/kg	E	1
11TAKU-B08-SB04-C36	29621-12	580-29621-1	SW8260	Chloromethane	0.21	ND	0.24	0.32	mg/kg	E	1
11TAKU-B08-SB04-C36	29621-12	580-29621-1	SW8260	Methylene chloride	0.016	ND	0.024	0.032	mg/kg	E	1
11TAKU-B08-SB04-C37	29621-13	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.016	0.022	mg/kg	E	1
11TAKU-B08-SB04-C37	29621-13	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.016	0.022	mg/kg	E	1
11TAKU-B08-SB04-C38	29621-14	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.015	0.02	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SB04-C38	29621-14	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.015	0.02	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0426	0.0711	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0222	0.0356	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0222	0.0356	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0222	0.0356	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0222	0.0356	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0222	0.0356	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8260	Bromomethane	0.16	ND	0.176	0.285	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8260	Methylene chloride	0.016	ND	0.0882	0.142	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0222	0.0356	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2	3.21	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.167	0.267	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.167	0.267	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	4-Chloroaniline	0.057	ND	0.32	0.535	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.167	0.267	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.167	0.267	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.167	0.267	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	Nitrobenzene	0.094	ND	0.167	0.267	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.167	0.267	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.167	0.267	mg/kg	E	1
11TAKU-B08-SO12-C10	1118985009	1118985	SW8270	Pentachlorophenol	0.047	ND	1.33	2.14	mg/kg	E	1
11TAKU-B08-SO12-C10	29176-7	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.098	mg/kg	E	1
11TAKU-B08-SO12-C10	29176-7	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.025	0.098	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.047	0.0783	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0244	0.0392	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0244	0.0392	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0244	0.0392	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0244	0.0392	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0244	0.0392	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	Bromomethane	0.16	ND	0.194	0.313	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0244	0.0392	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	Methylene chloride	0.016	ND	0.0972	0.157	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0244	0.0392	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.2	3.51	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.182	0.292	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.182	0.292	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	4-Chloroaniline	0.057	ND	0.35	0.585	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.182	0.292	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.182	0.292	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.182	0.292	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	Nitrobenzene	0.094	ND	0.182	0.292	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.182	0.292	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.182	0.292	mg/kg	E	1
11TAKU-B08-SO12-C11	1118985010	1118985	SW8270	Pentachlorophenol	0.047	ND	1.45	2.34	mg/kg	E	1
11TAKU-B08-SO12-C11	29176-8	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.094	mg/kg	E	1
11TAKU-B08-SO12-C11	29176-8	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.024	0.094	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0458	0.0764	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0238	0.0382	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0238	0.0382	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0238	0.0382	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0238	0.0382	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0238	0.0382	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	Bromomethane	0.16	ND	0.189	0.306	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0238	0.0382	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	Methylene chloride	0.016	ND	0.0948	0.153	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0238	0.0382	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.02	3.23	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	4-Chloroaniline	0.057	ND	0.322	0.538	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	Nitrobenzene	0.094	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO12-C12	1118985011	1118985	SW8270	Pentachlorophenol	0.047	ND	1.33	2.15	mg/kg	E	1
11TAKU-B08-SO12-C12	29176-9	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.099	mg/kg	E	1
11TAKU-B08-SO12-C12	29176-9	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.025	0.099	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0458	0.0763	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0238	0.0381	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0238	0.0381	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0238	0.0381	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0238	0.0381	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0238	0.0381	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8260	Bromomethane	0.16	ND	0.189	0.305	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0238	0.0381	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0238	0.0381	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.02	3.24	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	4-Chloroaniline	0.057	ND	0.324	0.54	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	Nitrobenzene	0.094	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO12-C13	1118985012	1118985	SW8270	Pentachlorophenol	0.047	ND	1.34	2.16	mg/kg	E	1
11TAKU-B08-SO12-C13	29176-10	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.096	mg/kg	E	1
11TAKU-B08-SO12-C13	29176-10	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.024	0.096	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0288	0.0481	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.015	0.024	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.015	0.024	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8260	Vinyl chloride	0.0085	ND	0.015	0.024	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	1.89	3.02	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.157	0.252	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.157	0.252	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	4-Chloroaniline	0.057	ND	0.302	0.504	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.157	0.252	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.157	0.252	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.157	0.252	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	Nitrobenzene	0.094	ND	0.157	0.252	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.157	0.252	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.157	0.252	mg/kg	E	1
11TAKU-B08-SO12-C14	1118985013	1118985	SW8270	Pentachlorophenol	0.047	ND	1.25	2.01	mg/kg	E	1
11TAKU-B08-SO12-C14	29176-11	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.097	mg/kg	E	1
11TAKU-B08-SO12-C14	29176-11	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.024	0.097	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0394	0.0657	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0204	0.0328	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0204	0.0328	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0204	0.0328	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0204	0.0328	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0204	0.0328	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8260	Bromomethane	0.16	ND	0.163	0.263	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8260	Methylene chloride	0.016	ND	0.0814	0.131	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0204	0.0328	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.02	3.21	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.167	0.268	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.167	0.268	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	4-Chloroaniline	0.057	ND	0.322	0.536	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.167	0.268	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.167	0.268	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.167	0.268	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	Nitrobenzene	0.094	ND	0.167	0.268	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.167	0.268	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.167	0.268	mg/kg	E	1
11TAKU-B08-SO1-C19	1118985018	1118985	SW8270	Pentachlorophenol	0.047	ND	1.33	2.14	mg/kg	E	1
11TAKU-B08-SO1-C19	29176-16	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.093	mg/kg	E	1
11TAKU-B08-SO1-C19	29176-16	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.023	0.093	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0548	0.0913	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0284	0.0457	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0284	0.0457	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	1,2-Dibromoethane	0.00016	ND	0.0284	0.0457	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	1,2-Dichloroethane	0.016	ND	0.0284	0.0457	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	1,2-Dichloropropane	0.018	ND	0.0284	0.0457	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	Bromomethane	0.16	ND	0.226	0.365	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	Carbon tetrachloride	0.023	ND	0.0284	0.0457	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	Methylene chloride	0.016	ND	0.113	0.183	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8260	Vinyl chloride	0.0085	ND	0.0284	0.0457	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	2,4-Dinitrophenol	0.54	ND	2	3.2	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	4-Chloroaniline	0.057	ND	0.32	0.533	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	Hexachlorobenzene	0.047	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	Hexachlorobutadiene	0.12	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	Nitrobenzene	0.094	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO1-W01	1118819001	1118819	SW8270	Pentachlorophenol	0.047	ND	1.32	2.13	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0454	0.0756	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0236	0.0378	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0236	0.0378	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0236	0.0378	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0236	0.0378	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0236	0.0378	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8260	Bromomethane	0.16	ND	0.187	0.302	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0236	0.0378	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0236	0.0378	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.02	3.24	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	4-Chloroaniline	0.057	ND	0.324	0.54	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	Nitrobenzene	0.094	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.168	0.27	mg/kg	E	1
11TAKU-B08-SO2-C23	1118985022	1118985	SW8270	Pentachlorophenol	0.047	ND	1.34	2.16	mg/kg	E	1
11TAKU-B08-SO2-C23	29176-20	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.092	mg/kg	E	1
11TAKU-B08-SO2-C23	29176-20	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.023	0.092	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0364	0.0605	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0189	0.0303	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0189	0.0303	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0189	0.0303	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0189	0.0303	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0189	0.0303	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0189	0.0303	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	1.89	3.02	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	4-Chloroaniline	0.057	ND	0.302	0.503	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	Nitrobenzene	0.094	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO2-C24	1118985023	1118985	SW8270	Pentachlorophenol	0.047	ND	1.25	2.01	mg/kg	E	1
11TAKU-B08-SO2-C24	29176-21	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.097	mg/kg	E	1
11TAKU-B08-SO2-C24	29176-21	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.024	0.097	mg/kg	E	1
11TAKU-B08-SO2-W02	1118819002	1118819	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0322	0.0538	mg/kg	E	1
11TAKU-B08-SO2-W02	1118819002	1118819	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0168	0.0269	mg/kg	E	1
11TAKU-B08-SO2-W02	1118819002	1118819	SW8260	1,2-Dibromoethane	0.00016	ND	0.0168	0.0269	mg/kg	E	1
11TAKU-B08-SO2-W02	1118819002	1118819	SW8260	1,2-Dichloroethane	0.016	ND	0.0168	0.0269	mg/kg	E	1
11TAKU-B08-SO2-W02	1118819002	1118819	SW8260	Methylene chloride	0.016	ND	0.0668	0.108	mg/kg	E	1
11TAKU-B08-SO2-W02	1118819002	1118819	SW8260	Vinyl chloride	0.0085	ND	0.0168	0.0269	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.037	0.0618	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0193	0.0309	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0193	0.0309	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0193	0.0309	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0193	0.0309	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0193	0.0309	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO4-C18	1118985017	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0193	0.0309	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	1.96	3.13	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.163	0.261	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.163	0.261	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	4-Chloroaniline	0.057	ND	0.314	0.522	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.163	0.261	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.163	0.261	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.163	0.261	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	Nitrobenzene	0.094	ND	0.163	0.261	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.163	0.261	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.163	0.261	mg/kg	E	1
11TAKU-B08-SO4-C18	1118985017	1118985	SW8270	Pentachlorophenol	0.047	ND	1.3	2.09	mg/kg	E	1
11TAKU-B08-SO4-C18	29176-15	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.099	mg/kg	E	1
11TAKU-B08-SO4-C18	29176-15	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.025	0.099	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0526	0.0878	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0274	0.0439	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0274	0.0439	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0274	0.0439	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0274	0.0439	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0274	0.0439	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	Bromomethane	0.16	ND	0.218	0.351	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0274	0.0439	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	Methylene chloride	0.016	ND	0.109	0.176	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0274	0.0439	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.08	3.31	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.172	0.276	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.172	0.276	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	4-Chloroaniline	0.057	ND	0.33	0.551	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.172	0.276	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.172	0.276	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.172	0.276	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	Nitrobenzene	0.094	ND	0.172	0.276	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.172	0.276	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.172	0.276	mg/kg	E	1
11TAKU-B08-SO4-C20	1118985019	1118985	SW8270	Pentachlorophenol	0.047	ND	1.37	2.2	mg/kg	E	1
11TAKU-B08-SO4-C20	29176-17	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.098	mg/kg	E	1
11TAKU-B08-SO4-C20	29176-17	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.024	0.098	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0498	0.0829	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0258	0.0415	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0258	0.0415	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0258	0.0415	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0258	0.0415	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0258	0.0415	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	Bromomethane	0.16	ND	0.206	0.332	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0258	0.0415	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	Methylene chloride	0.016	ND	0.103	0.166	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0258	0.0415	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.04	3.26	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.169	0.272	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.169	0.272	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	4-Chloroaniline	0.057	ND	0.326	0.543	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.169	0.272	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.169	0.272	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.169	0.272	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	Nitrobenzene	0.094	ND	0.169	0.272	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.169	0.272	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.169	0.272	mg/kg	E	1
11TAKU-B08-SO4-C22	1118985021	1118985	SW8270	Pentachlorophenol	0.047	ND	1.35	2.17	mg/kg	E	1
11TAKU-B08-SO4-C22	29176-19	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.1	mg/kg	E	1
11TAKU-B08-SO4-C22	29176-19	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.025	0.1	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0638	0.106	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0332	0.0532	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	1,1-Dichloroethene	0.03	ND	0.0332	0.0532	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0332	0.0532	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0332	0.0532	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0332	0.0532	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0332	0.0532	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	Bromomethane	0.16	ND	0.264	0.426	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0332	0.0532	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	Dibromochloromethane	0.032	ND	0.0332	0.0532	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0332	0.0532	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.22	3.55	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.185	0.296	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.185	0.296	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	4-Chloroaniline	0.057	ND	0.356	0.592	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.185	0.296	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.185	0.296	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.185	0.296	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	Nitrobenzene	0.094	ND	0.185	0.296	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.185	0.296	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.185	0.296	mg/kg	E	1
11TAKU-B08-SO5-C04	1118985001	1118985	SW8270	Pentachlorophenol	0.047	ND	1.47	2.37	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO5-C04	29176-1	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.099	mg/kg	E	1
11TAKU-B08-SO5-C04	29176-1	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.025	0.099	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0452	0.0752	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0234	0.0376	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0234	0.0376	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0234	0.0376	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0234	0.0376	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0234	0.0376	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8260	Bromomethane	0.16	ND	0.187	0.301	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0234	0.0376	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0234	0.0376	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2	3.2	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	4-Chloroaniline	0.057	ND	0.32	0.533	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	Nitrobenzene	0.094	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.166	0.267	mg/kg	E	1
11TAKU-B08-SO5-C21	1118985020	1118985	SW8270	Pentachlorophenol	0.047	ND	1.32	2.13	mg/kg	E	1
11TAKU-B08-SO5-C21	29176-18	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.011	0.091	mg/kg	E	1
11TAKU-B08-SO5-C21	29176-18	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.023	0.091	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0334	0.0557	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0174	0.0279	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8260	1,2-Dibromoethane	0.00016	ND	0.0174	0.0279	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8260	1,2-Dichloroethane	0.016	ND	0.0174	0.0279	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8260	Vinyl chloride	0.0085	ND	0.0174	0.0279	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	2,4-Dinitrophenol	0.54	ND	1.86	2.96	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.154	0.247	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.154	0.247	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	4-Chloroaniline	0.057	ND	0.296	0.493	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.154	0.247	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	Hexachlorobenzene	0.047	ND	0.154	0.247	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	Hexachlorobutadiene	0.12	ND	0.154	0.247	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	Nitrobenzene	0.094	ND	0.154	0.247	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.154	0.247	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.154	0.247	mg/kg	E	1
11TAKU-B08-SO6-C03	1118873003	1118873	SW8270	Pentachlorophenol	0.047	ND	1.22	1.97	mg/kg	E	1
11TAKU-B08-SO6-C03	28771-3	580-28771-1	SW8330	1,3-Dinitrobenzene	0.02	ND	0.089	0.25	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO6-C03	28771-3	580-28771-1	SW8330	2,4-Dinitrotoluene	0.0093	ND	0.089	0.25	mg/kg	E	1
11TAKU-B08-SO6-C03	28771-3	580-28771-1	SW8330	2,6-Dinitrotoluene	0.0094	ND	0.089	0.25	mg/kg	E	1
11TAKU-B08-SO6-C03	28771-3	580-28771-1	SW8330	2-Amino-4,6-dinitrotoluene	0.029	ND	0.089	0.25	mg/kg	E	1
11TAKU-B08-SO6-C03	28771-3	580-28771-1	SW8330	4-Amino-2,6-dinitrotoluene	0.029	ND	0.089	0.25	mg/kg	E	1
11TAKU-B08-SO6-C03	28771-3	580-28771-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.04	ND	0.089	0.26	mg/kg	E	1
11TAKU-B08-SO6-C03	28771-3	580-28771-1	SW8330	o-Nitrotoluene	0.025	ND	0.089	0.25	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0776	0.129	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0404	0.0646	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	1,1-Dichloroethene	0.03	ND	0.0404	0.0646	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0404	0.0646	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0404	0.0646	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0404	0.0646	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0404	0.0646	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	Bromomethane	0.16	ND	0.32	0.517	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0404	0.0646	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	Dibromochloromethane	0.032	ND	0.0404	0.0646	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	Methylene chloride	0.016	ND	0.16	0.258	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	Trichloroethene (TCE)	0.02	ND	0.0202	0.0323	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0404	0.0646	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.38	3.81	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.198	0.318	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.198	0.318	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	3,3'-Dichlorobenzidine	0.19	ND	0.198	0.318	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	4-Chloroaniline	0.057	ND	0.382	0.635	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.198	0.318	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.198	0.318	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.198	0.318	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	Nitrobenzene	0.094	ND	0.198	0.318	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.198	0.318	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.198	0.318	mg/kg	E	1
11TAKU-B08-SO6-C08	1118985005	1118985	SW8270	Pentachlorophenol	0.047	ND	1.58	2.54	mg/kg	E	1
11TAKU-B08-SO6-C08	29176-5	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.095	mg/kg	E	1
11TAKU-B08-SO6-C08	29176-5	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.024	0.095	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0778	0.13	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0404	0.0649	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	1,1-Dichloroethene	0.03	ND	0.0404	0.0649	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0404	0.0649	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0404	0.0649	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0404	0.0649	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0404	0.0649	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	Bromomethane	0.16	ND	0.322	0.519	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0404	0.0649	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	Dibromochloromethane	0.032	ND	0.0404	0.0649	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	Methylene chloride	0.016	ND	0.161	0.26	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	Trichloroethene (TCE)	0.02	ND	0.0202	0.0325	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0404	0.0649	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.42	3.87	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.202	0.323	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.202	0.323	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	3,3'-Dichlorobenzidine	0.19	ND	0.202	0.323	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	4-Chloroaniline	0.057	ND	0.388	0.646	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.202	0.323	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.202	0.323	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.202	0.323	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	Nitrobenzene	0.094	ND	0.202	0.323	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.202	0.323	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.202	0.323	mg/kg	E	1
11TAKU-B08-SO6-C09	1118985008	1118985	SW8270	Pentachlorophenol	0.047	ND	1.6	2.58	mg/kg	E	1
11TAKU-B08-SO6-C09	29176-6	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.099	mg/kg	E	1
11TAKU-B08-SO6-C09	29176-6	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.025	0.099	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0604	0.101	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0314	0.0503	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	1,1-Dichloroethene	0.03	ND	0.0314	0.0503	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0314	0.0503	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0314	0.0503	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0314	0.0503	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0314	0.0503	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	Bromomethane	0.16	ND	0.25	0.402	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0314	0.0503	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0314	0.0503	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.14	3.41	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.177	0.284	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.177	0.284	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	4-Chloroaniline	0.057	ND	0.34	0.568	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.177	0.284	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.177	0.284	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.177	0.284	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	Nitrobenzene	0.094	ND	0.177	0.284	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.177	0.284	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.177	0.284	mg/kg	E	1
11TAKU-B08-SO6-C17	1118985016	1118985	SW8270	Pentachlorophenol	0.047	ND	1.41	2.27	mg/kg	E	1
11TAKU-B08-SO6-C17	29176-14	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.093	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO6-C17	29176-14	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.023	0.093	mg/kg	E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	1,3-Dinitrobenzene	0.02	ND	0.031	0.25	mg/kg	JH,E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.031	0.25	mg/kg	JH,E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.061	0.25	mg/kg	JH,E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	2-Amino-4,6-dinitrotoluene	0.029	ND	0.061	0.25	mg/kg	JH,E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	4-Amino-2,6-dinitrotoluene	0.029	ND	0.031	0.25	mg/kg	JH,E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8321A	o-Nitrotoluene	0.025	ND	0.031	0.25	mg/kg	JH,E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8330	1,3-Dinitrobenzene	0.02	ND	0.088	0.25	mg/kg	E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8330	2,4-Dinitrotoluene	0.0093	ND	0.088	0.25	mg/kg	E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8330	2,6-Dinitrotoluene	0.0094	ND	0.088	0.25	mg/kg	E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8330	4-Amino-2,6-dinitrotoluene	0.029	ND	0.088	0.25	mg/kg	E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.04	ND	0.088	0.25	mg/kg	E	1
11TAKU-B08-SO7-C02	28771-2	580-28771-1	SW8330	o-Nitrotoluene	0.025	ND	0.088	0.25	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.071	0.118	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.037	0.0592	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	1,1-Dichloroethene	0.03	ND	0.037	0.0592	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.037	0.0592	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.037	0.0592	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.037	0.0592	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.037	0.0592	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	Bromomethane	0.16	ND	0.294	0.474	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.037	0.0592	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	Dibromochloromethane	0.032	ND	0.037	0.0592	mg/kg	E	1
11TAKU-B08-SO7-C05	1118985002	1118985	SW8260	Vinyl chloride	0.0085	ND	0.037	0.0592	mg/kg	E	1
11TAKU-B08-SO7-C05	29176-2	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.011	0.091	mg/kg	E	1
11TAKU-B08-SO7-C05	29176-2	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.023	0.091	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0628	0.105	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0326	0.0523	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	1,1-Dichloroethene	0.03	ND	0.0326	0.0523	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0326	0.0523	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0326	0.0523	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.0326	0.0523	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.0326	0.0523	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	Bromomethane	0.16	ND	0.26	0.418	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.0326	0.0523	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	Dibromochloromethane	0.032	ND	0.0326	0.0523	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	Methylene chloride	0.016	ND	0.13	0.209	mg/kg	E	1
11TAKU-B08-SO7-C06	1118985003	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0326	0.0523	mg/kg	E	1
11TAKU-B08-SO7-C06	29176-3	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.013	0.1	mg/kg	E	1
11TAKU-B08-SO7-C06	29176-3	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.025	0.1	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0294	0.0491	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO8-C07	1118985004	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0153	0.0245	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0153	0.0245	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0153	0.0245	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	1.89	3.01	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	4-Chloroaniline	0.057	ND	0.302	0.502	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	Nitrobenzene	0.094	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.157	0.251	mg/kg	E	1
11TAKU-B08-SO8-C07	1118985004	1118985	SW8270	Pentachlorophenol	0.047	ND	1.24	2.01	mg/kg	E	1
11TAKU-B08-SO8-C07	29176-4	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.1	mg/kg	E	1
11TAKU-B08-SO8-C07	29176-4	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.025	0.1	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0498	0.083	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8260	1,1,2-Trichloroethane	0.018	ND	0.026	0.0415	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.026	0.0415	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.026	0.0415	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8260	1,2-Dichloroethane	0.016	ND	0.026	0.0415	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8260	1,2-Dichloropropane	0.018	ND	0.026	0.0415	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8260	Bromomethane	0.16	ND	0.206	0.332	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8260	Carbon tetrachloride	0.023	ND	0.026	0.0415	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8260	Vinyl chloride	0.0085	ND	0.026	0.0415	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	2.02	3.23	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	4-Chloroaniline	0.057	ND	0.322	0.538	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	Nitrobenzene	0.094	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.168	0.269	mg/kg	E	1
11TAKU-B08-SO8-C15	1118985014	1118985	SW8270	Pentachlorophenol	0.047	ND	1.33	2.15	mg/kg	E	1
11TAKU-B08-SO8-C15	29176-12	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.096	mg/kg	E	1
11TAKU-B08-SO8-C15	29176-12	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.024	0.096	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0298	0.0497	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0155	0.0248	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0155	0.0248	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B08-SO9-C16	1118985015	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0155	0.0248	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	1.91	3.05	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.159	0.255	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.159	0.255	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	4-Chloroaniline	0.057	ND	0.306	0.509	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.159	0.255	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	Hexachlorobenzene	0.047	ND	0.159	0.255	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	Hexachlorobutadiene	0.12	ND	0.159	0.255	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	Nitrobenzene	0.094	ND	0.159	0.255	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.159	0.255	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.159	0.255	mg/kg	E	1
11TAKU-B08-SO9-C16	1118985015	1118985	SW8270	Pentachlorophenol	0.047	ND	1.26	2.04	mg/kg	E	1
11TAKU-B08-SO9-C16	29176-13	580-29176-1	SW8321A	2,4-Dinitrotoluene	0.0093	ND	0.012	0.097	mg/kg	E	1
11TAKU-B08-SO9-C16	29176-13	580-29176-1	SW8321A	2,6-Dinitrotoluene	0.0094	ND	0.024	0.097	mg/kg	E	1
11TAKU-B08-TB01	1118819003	1118819	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.032	0.0532	mg/kg	E	1
11TAKU-B08-TB01	1118819003	1118819	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0166	0.0266	mg/kg	E	1
11TAKU-B08-TB01	1118819003	1118819	SW8260	1,2-Dibromoethane	0.00016	ND	0.0166	0.0266	mg/kg	E	1
11TAKU-B08-TB01	1118819003	1118819	SW8260	1,2-Dichloroethane	0.016	ND	0.0166	0.0266	mg/kg	E	1
11TAKU-B08-TB01	1118819003	1118819	SW8260	Methylene chloride	0.016	ND	0.066	0.106	mg/kg	E	1
11TAKU-B08-TB01	1118819003	1118819	SW8260	Vinyl chloride	0.0085	ND	0.0166	0.0266	mg/kg	E	1
11TAKU-B08-TB02	1118873004	1118873	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0312	0.0519	mg/kg	E	1
11TAKU-B08-TB02	1118873004	1118873	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0162	0.0259	mg/kg	E	1
11TAKU-B08-TB02	1118873004	1118873	SW8260	1,2-Dibromoethane	0.00016	ND	0.0162	0.0259	mg/kg	E	1
11TAKU-B08-TB02	1118873004	1118873	SW8260	1,2-Dichloroethane	0.016	ND	0.0162	0.0259	mg/kg	E	1
11TAKU-B08-TB02	1118873004	1118873	SW8260	Methylene chloride	0.016	ND	0.0644	0.104	mg/kg	E	1
11TAKU-B08-TB02	1118873004	1118873	SW8260	Vinyl chloride	0.0085	ND	0.0162	0.0259	mg/kg	E	1
11TAKU-B08-TB03	1118985024	1118985	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0306	0.0509	mg/kg	E	1
11TAKU-B08-TB03	1118985024	1118985	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0159	0.0255	mg/kg	E	1
11TAKU-B08-TB03	1118985024	1118985	SW8260	1,2-Dibromoethane	0.00016	ND	0.0159	0.0255	mg/kg	E	1
11TAKU-B08-TB03	1118985024	1118985	SW8260	Methylene chloride	0.016	ND	0.0632	0.102	mg/kg	E	1
11TAKU-B08-TB03	1118985024	1118985	SW8260	Vinyl chloride	0.0085	ND	0.0159	0.0255	mg/kg	E	1
11TAKU-B08-TB04	29621-15	580-29621-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B08-TB04	29621-15	580-29621-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B08-TB04	29621-15	580-29621-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B08-TB04	29621-15	580-29621-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B08-TB04	29621-15	580-29621-1	SW8260	Methylene chloride	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.036	0.048	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.036	0.048	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8260	1,2-Dichloroethane	0.016	ND	0.036	0.048	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8260	Chloromethane	0.21	ND	0.36	0.48	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8260	Dibromochloromethane	0.032	ND	0.036	0.048	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8260	Methylene chloride	0.016	ND	0.036	0.048	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.54	1.1	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO3-C01	27865-1	580-27865-1	SW8270	Pentachlorophenol	0.047	ND	0.054	0.21	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.035	0.047	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.035	0.047	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8260	1,2-Dichloroethane	0.016	ND	0.035	0.047	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8260	Chloromethane	0.21	ND	0.35	0.47	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8260	Dibromochloromethane	0.032	ND	0.035	0.047	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8260	Methylene chloride	0.016	ND	0.035	0.047	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.56	1.1	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.56	1.1	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B24-SO3-C02	27865-2	580-27865-1	SW8270	Pentachlorophenol	0.047	ND	0.056	0.22	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.032	0.043	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.032	0.043	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8260	1,2-Dichloroethane	0.016	ND	0.032	0.043	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8260	Chloromethane	0.21	ND	0.32	0.43	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.098	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.098	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.098	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.49	0.98	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.098	mg/kg	E	1
11TAKU-B24-SO3-C05	27865-5	580-27865-1	SW8270	Pentachlorophenol	0.047	ND	0.049	0.2	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.036	0.048	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.036	0.048	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8260	1,2-Dichloroethane	0.016	ND	0.036	0.048	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8260	Chloromethane	0.21	ND	0.36	0.48	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8260	Dibromochloromethane	0.032	ND	0.036	0.048	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8260	Methylene chloride	0.016	ND	0.036	0.048	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.53	1.1	mg/kg	E	1
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B24-SO3-C06	27865-6	580-27865-1	SW8270	Pentachlorophenol	0.047	ND	0.053	0.21	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.037	0.049	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.037	0.049	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8260	1,2-Dichloroethane	0.016	ND	0.037	0.049	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8260	Chloromethane	0.21	ND	0.37	0.49	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8260	Dibromochloromethane	0.032	ND	0.037	0.049	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8260	Methylene chloride	0.016	ND	0.037	0.049	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.57	1.1	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.11	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.11	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.11	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.57	1.1	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.11	mg/kg	E	1
11TAKU-B24-SO3-C07	27865-7	580-27865-1	SW8270	Pentachlorophenol	0.047	ND	0.057	0.23	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.031	0.042	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.031	0.042	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8260	1,2-Dichloroethane	0.016	ND	0.031	0.042	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8260	Chloromethane	0.21	ND	0.31	0.42	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8260	Methylene chloride	0.016	ND	0.031	0.042	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.51	1	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B24-SO4-C03	27865-3	580-27865-1	SW8270	Pentachlorophenol	0.047	ND	0.051	0.21	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.032	0.043	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.032	0.043	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8260	1,2-Dichloroethane	0.016	ND	0.032	0.043	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8260	Chloromethane	0.21	ND	0.32	0.43	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.51	1	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B24-SO4-C04	27865-4	580-27865-1	SW8270	Pentachlorophenol	0.047	ND	0.051	0.21	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.033	0.044	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.033	0.044	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8260	1,2-Dichloroethane	0.016	ND	0.033	0.044	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8260	Chloromethane	0.21	ND	0.33	0.44	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8260	Dibromochloromethane	0.032	ND	0.033	0.044	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.53	1.1	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B24-SO-W01	28179-4	580-28179-1	SW8270	Pentachlorophenol	0.047	ND	0.053	0.21	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.029	0.038	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.029	0.038	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8260	1,2-Dichloroethane	0.016	ND	0.029	0.038	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8260	Chloromethane	0.21	ND	0.29	0.38	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.54	1.1	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B24-SO-W02	28179-5	580-28179-1	SW8270	Pentachlorophenol	0.047	ND	0.054	0.22	mg/kg	E	1
11TAKU-B24-TB01	27865-8	580-27865-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B24-TB01	27865-8	580-27865-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B24-TB01	27865-8	580-27865-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B24-TB01	27865-8	580-27865-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B24-TB01	27865-8	580-27865-1	SW8260	Methylene chloride	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.028	0.037	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.028	0.037	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8260	1,2-Dichloroethane	0.016	ND	0.028	0.037	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8260	Chloromethane	0.21	ND	0.28	0.37	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.66	1.3	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.027	0.13	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.027	0.13	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.027	0.13	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.66	1.3	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.027	0.13	mg/kg	E	1
11TAKU-B27-SO01-C01	27820-1	580-27820-1	SW8270	Pentachlorophenol	0.047	ND	0.066	0.27	mg/kg	E	1
11TAKU-B27-SO01-C01	G1H060410001	G1H060410	SW8330	1,3-Dinitrobenzene	0.02	ND	0.046	0.23	mg/kg	E	0.93
11TAKU-B27-SO01-C01	G1H060410001	G1H060410	SW8330	2,4-Dinitrotoluene	0.0093	ND	0.019	0.23	mg/kg	E	0.93
11TAKU-B27-SO01-C01	G1H060410001	G1H060410	SW8330	2,6-Dinitrotoluene	0.0094	ND	0.028	0.23	mg/kg	E	0.93
11TAKU-B27-SO01-C01	G1H060410001	G1H060410	SW8330	2-Amino-4,6-dinitrotoluene	0.029	ND	0.093	0.23	mg/kg	E	0.93
11TAKU-B27-SO01-C01	G1H060410001	G1H060410	SW8330	2-Nitrotoluene	0.025	ND	0.074	0.23	mg/kg	E	0.93
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.028	0.037	mg/kg	E	1
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.028	0.037	mg/kg	E	1
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8260	1,2-Dichloroethane	0.016	ND	0.028	0.037	mg/kg	E	1
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8260	Chloromethane	0.21	ND	0.28	0.37	mg/kg	E	1
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.56	1.1	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.56	1.1	mg/kg	E	1
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B27-SO02-C05	27820-5	580-27820-1	SW8270	Pentachlorophenol	0.047	ND	0.056	0.22	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.029	0.038	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.029	0.038	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8260	1,2-Dichloroethane	0.016	ND	0.029	0.038	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8260	Chloromethane	0.21	ND	0.29	0.38	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.58	1.2	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.12	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.12	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.12	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.58	1.2	mg/kg	E	1
11TAKU-B27-SO03-C06	27820-6	580-27820-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.12	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.032	0.042	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.032	0.042	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8260	1,2-Dichloroethane	0.016	ND	0.032	0.042	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8260	Chloromethane	0.21	ND	0.32	0.42	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.1	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.1	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.1	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.5	1	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.1	mg/kg	E	1
11TAKU-B27-SO04-C02	27820-2	580-27820-1	SW8270	Pentachlorophenol	0.047	ND	0.05	0.2	mg/kg	E	1
11TAKU-B27-SO04-C02	G1H060410002	G1H060410	SW8330	1,3-Dinitrobenzene	0.02	ND	0.05	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C02	G1H060410002	G1H060410	SW8330	2,4-Dinitrotoluene	0.0093	ND	0.02	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C02	G1H060410002	G1H060410	SW8330	2,6-Dinitrotoluene	0.0094	ND	0.03	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C02	G1H060410002	G1H060410	SW8330	2-Amino-4,6-dinitrotoluene	0.029	ND	0.099	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C02	G1H060410002	G1H060410	SW8330	2-Nitrotoluene	0.025	ND	0.079	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.024	0.032	mg/kg	E	1
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.024	0.032	mg/kg	E	1
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8260	1,2-Dichloroethane	0.016	ND	0.024	0.032	mg/kg	E	1
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8260	Chloromethane	0.21	ND	0.24	0.32	mg/kg	E	1
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.1	mg/kg	E	1
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.1	mg/kg	E	1
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.1	mg/kg	E	1
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.5	1	mg/kg	E	1
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.1	mg/kg	E	1
11TAKU-B27-SO04-C03	27820-3	580-27820-1	SW8270	Pentachlorophenol	0.047	ND	0.05	0.2	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B27-SO04-C03	G1H060410003	G1H060410	SW8330	1,3-Dinitrobenzene	0.02	ND	0.048	0.24	mg/kg	E	0.96
11TAKU-B27-SO04-C03	G1H060410003	G1H060410	SW8330	2,4-Dinitrotoluene	0.0093	ND	0.019	0.24	mg/kg	E	0.96
11TAKU-B27-SO04-C03	G1H060410003	G1H060410	SW8330	2,6-Dinitrotoluene	0.0094	ND	0.029	0.24	mg/kg	E	0.96
11TAKU-B27-SO04-C03	G1H060410003	G1H060410	SW8330	2-Amino-4,6-dinitrotoluene	0.029	ND	0.096	0.24	mg/kg	E	0.96
11TAKU-B27-SO04-C03	G1H060410003	G1H060410	SW8330	2-Nitrotoluene	0.025	ND	0.077	0.24	mg/kg	E	0.96
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.032	0.043	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.032	0.043	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8260	1,2-Dichloroethane	0.016	ND	0.032	0.043	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8260	Chloromethane	0.21	ND	0.32	0.43	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.65	1.3	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.026	0.13	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.026	0.13	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.026	0.13	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.65	1.3	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.026	0.13	mg/kg	E	1
11TAKU-B27-SO04-C04	27820-4	580-27820-1	SW8270	Pentachlorophenol	0.047	ND	0.065	0.26	mg/kg	E	1
11TAKU-B27-SO04-C04	G1H060410004	G1H060410	SW8330	1,3-Dinitrobenzene	0.02	ND	0.05	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C04	G1H060410004	G1H060410	SW8330	2,4-Dinitrotoluene	0.0093	ND	0.02	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C04	G1H060410004	G1H060410	SW8330	2,6-Dinitrotoluene	0.0094	ND	0.03	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C04	G1H060410004	G1H060410	SW8330	2-Amino-4,6-dinitrotoluene	0.029	ND	0.099	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C04	G1H060410004	G1H060410	SW8330	2-Nitrotoluene	0.025	ND	0.079	0.25	mg/kg	E	0.99
11TAKU-B27-SO04-C05	G1H060410005	G1H060410	SW8330	1,3-Dinitrobenzene	0.02	ND	0.048	0.24	mg/kg	E	0.95
11TAKU-B27-SO04-C05	G1H060410005	G1H060410	SW8330	2,4-Dinitrotoluene	0.0093	ND	0.019	0.24	mg/kg	E	0.95
11TAKU-B27-SO04-C05	G1H060410005	G1H060410	SW8330	2,6-Dinitrotoluene	0.0094	ND	0.028	0.24	mg/kg	E	0.95
11TAKU-B27-SO04-C05	G1H060410005	G1H060410	SW8330	2-Amino-4,6-dinitrotoluene	0.029	ND	0.095	0.24	mg/kg	E	0.95
11TAKU-B27-SO04-C05	G1H060410005	G1H060410	SW8330	2-Nitrotoluene	0.025	ND	0.076	0.24	mg/kg	E	0.95
11TAKU-B27-SO04-C06	G1H060410006	G1H060410	SW8330	1,3-Dinitrobenzene	0.02	ND	0.048	0.24	mg/kg	E	0.96
11TAKU-B27-SO04-C06	G1H060410006	G1H060410	SW8330	2,4-Dinitrotoluene	0.0093	ND	0.019	0.24	mg/kg	E	0.96
11TAKU-B27-SO04-C06	G1H060410006	G1H060410	SW8330	2,6-Dinitrotoluene	0.0094	ND	0.029	0.24	mg/kg	E	0.96
11TAKU-B27-SO04-C06	G1H060410006	G1H060410	SW8330	2-Amino-4,6-dinitrotoluene	0.029	ND	0.096	0.24	mg/kg	E	0.96
11TAKU-B27-SO04-C06	G1H060410006	G1H060410	SW8330	2-Nitrotoluene	0.025	ND	0.077	0.24	mg/kg	E	0.96
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0814	0.136	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0424	0.0678	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	1,1-Dichloroethene	0.03	ND	0.0424	0.0678	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0424	0.0678	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	1,2-Dibromoethane	0.00016	ND	0.0424	0.0678	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	1,2-Dichloroethane	0.016	ND	0.0424	0.0678	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	1,2-Dichloropropane	0.018	ND	0.0424	0.0678	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	Bromomethane	0.16	ND	0.336	0.543	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	Carbon tetrachloride	0.023	ND	0.0424	0.0678	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	Dibromochloromethane	0.032	ND	0.0424	0.0678	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	Methylene chloride	0.016	ND	0.168	0.271	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	Trichloroethene (TCE)	0.02	ND	0.0212	0.0339	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8260	Vinyl chloride	0.0085	ND	0.0424	0.0678	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	2,4-Dinitrophenol	0.54	ND	2.14	3.41	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.177	0.284	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.177	0.284	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	4-Chloroaniline	0.057	ND	0.34	0.568	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.177	0.284	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	Hexachlorobenzene	0.047	ND	0.177	0.284	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	Hexachlorobutadiene	0.12	ND	0.177	0.284	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	Nitrobenzene	0.094	ND	0.177	0.284	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.177	0.284	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.177	0.284	mg/kg	E	1
11TAKU-B27-SO-W01	1118745001	1118745	SW8270	Pentachlorophenol	0.047	ND	1.41	2.27	mg/kg	E	1
11TAKU-B27-TB01	1118745002	1118745	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0312	0.0521	mg/kg	E	1
11TAKU-B27-TB01	1118745002	1118745	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0163	0.026	mg/kg	E	1
11TAKU-B27-TB01	1118745002	1118745	SW8260	1,2-Dibromoethane	0.00016	ND	0.0163	0.026	mg/kg	E	1
11TAKU-B27-TB01	1118745002	1118745	SW8260	1,2-Dichloroethane	0.016	ND	0.0163	0.026	mg/kg	E	1
11TAKU-B27-TB01	1118745002	1118745	SW8260	Methylene chloride	0.016	ND	0.0646	0.104	mg/kg	E	1
11TAKU-B27-TB01	1118745002	1118745	SW8260	Vinyl chloride	0.0085	ND	0.0163	0.026	mg/kg	E	1
11TAKU-B27-TB07	27820-7	580-27820-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B27-TB07	27820-7	580-27820-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B27-TB07	27820-7	580-27820-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B27-TB07	27820-7	580-27820-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0814	0.136	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0424	0.0679	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	1,1-Dichloroethene	0.03	ND	0.0424	0.0679	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0424	0.0679	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	1,2-Dibromoethane	0.00016	ND	0.0424	0.0679	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	1,2-Dichloroethane	0.016	ND	0.0424	0.0679	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	1,2-Dichloropropane	0.018	ND	0.0424	0.0679	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	Bromomethane	0.16	ND	0.336	0.543	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	Carbon tetrachloride	0.023	ND	0.0424	0.0679	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	Dibromochloromethane	0.032	ND	0.0424	0.0679	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	Methylene chloride	0.016	ND	0.168	0.272	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	Trichloroethene (TCE)	0.02	ND	0.0212	0.034	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8260	Vinyl chloride	0.0085	ND	0.0424	0.0679	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	2,4-Dinitrophenol	0.54	ND	2.2	3.5	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.182	0.291	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.182	0.291	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	4-Chloroaniline	0.057	ND	0.35	0.583	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.182	0.291	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	Hexachlorobenzene	0.047	ND	0.182	0.291	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	Hexachlorobutadiene	0.12	ND	0.182	0.291	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	Nitrobenzene	0.094	ND	0.182	0.291	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.182	0.291	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.182	0.291	mg/kg	E	1
11TAKU-B38-S0O1-W01	1118828001	1118828	SW8270	Pentachlorophenol	0.047	ND	1.45	2.33	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0712	0.119	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	1,1,2-Trichloroethane	0.018	ND	0.037	0.0593	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	1,1-Dichloroethene	0.03	ND	0.037	0.0593	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.037	0.0593	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	1,2-Dibromoethane	0.00016	ND	0.037	0.0593	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	1,2-Dichloroethane	0.016	ND	0.037	0.0593	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	1,2-Dichloropropane	0.018	ND	0.037	0.0593	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	Bromomethane	0.16	ND	0.294	0.475	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	Carbon tetrachloride	0.023	ND	0.037	0.0593	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	Dibromochloromethane	0.032	ND	0.037	0.0593	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	Methylene chloride	0.016	ND	0.147	0.237	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8260	Vinyl chloride	0.0085	ND	0.037	0.0593	mg/kg	JS-,E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	2,4-Dinitrophenol	0.54	ND	2.22	3.54	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.184	0.295	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.184	0.295	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	4-Chloroaniline	0.057	ND	0.354	0.59	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.184	0.295	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	Hexachlorobenzene	0.047	ND	0.184	0.295	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	Hexachlorobutadiene	0.12	ND	0.184	0.295	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	Nitrobenzene	0.094	ND	0.184	0.295	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.184	0.295	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.184	0.295	mg/kg	E	1
11TAKU-B38-SO1-C03	1118887005	1118887	SW8270	Pentachlorophenol	0.047	ND	1.46	2.36	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0898	0.15	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0466	0.0748	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.0466	0.0748	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0466	0.0748	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.0466	0.0748	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.0466	0.0748	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.0466	0.0748	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	Bromodichloromethane	0.044	ND	0.0466	0.0748	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	Bromomethane	0.16	ND	0.37	0.598	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.0466	0.0748	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	Dibromochloromethane	0.032	ND	0.0466	0.0748	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	Methylene chloride	0.016	ND	0.185	0.299	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	Trichloroethene (TCE)	0.02	ND	0.0234	0.0374	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8260	Vinyl chloride	0.0085	ND	0.0466	0.0748	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.1	3.36	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.175	0.28	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.175	0.28	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	4-Chloroaniline	0.057	ND	0.336	0.56	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.175	0.28	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.175	0.28	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.175	0.28	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	Nitrobenzene	0.094	ND	0.175	0.28	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.175	0.28	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.175	0.28	mg/kg	E	1
11TAKU-B38-SO1-C05	1118927001	1118927	SW8270	Pentachlorophenol	0.047	ND	1.39	2.24	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0946	0.158	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	Bromodichloromethane	0.044	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	Bromomethane	0.16	ND	0.392	0.631	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	Dibromochloromethane	0.032	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	Tetrachloroethene (PCE)	0.024	ND	0.0246	0.0394	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	Trichloroethene (TCE)	0.02	ND	0.0246	0.0394	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8260	Vinyl chloride	0.0085	ND	0.0492	0.0788	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.14	3.42	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	4-Chloroaniline	0.057	ND	0.342	0.569	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	Nitrobenzene	0.094	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO1-C06	1118927002	1118927	SW8270	Pentachlorophenol	0.047	ND	1.41	2.28	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0482	0.0802	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	1,1,2-Trichloroethane	0.018	ND	0.025	0.0401	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	1,2-Dibromoethane	0.00016	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	1,2-Dichloroethane	0.016	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	1,2-Dichloropropane	0.018	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	Bromomethane	0.16	ND	0.199	0.321	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	Carbon tetrachloride	0.023	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	Methylene chloride	0.016	ND	0.0994	0.16	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8260	Vinyl chloride	0.0085	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	2,4-Dinitrophenol	0.54	ND	1.94	3.1	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.161	0.259	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.161	0.259	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	4-Chloroaniline	0.057	ND	0.31	0.517	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.161	0.259	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	Hexachlorobenzene	0.047	ND	0.161	0.259	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	Hexachlorobutadiene	0.12	ND	0.161	0.259	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	Nitrobenzene	0.094	ND	0.161	0.259	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.161	0.259	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.161	0.259	mg/kg	E	1
11TAKU-B38-SO2-C04	1118887006	1118887	SW8270	Pentachlorophenol	0.047	ND	1.28	2.07	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0708	0.118	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	Bromomethane	0.16	ND	0.292	0.471	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	Dibromochloromethane	0.032	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	Methylene chloride	0.016	ND	0.146	0.236	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8260	Vinyl chloride	0.0085	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.14	3.42	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	4-Chloroaniline	0.057	ND	0.342	0.571	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	Nitrobenzene	0.094	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.178	0.285	mg/kg	E	1
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.178	0.285	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-SO2-C07	1118927003	1118927	SW8270	Pentachlorophenol	0.047	ND	1.42	2.28	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.077	0.128	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.04	0.0641	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.04	0.0641	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.04	0.0641	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.04	0.0641	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.04	0.0641	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.04	0.0641	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	Bromomethane	0.16	ND	0.318	0.513	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.04	0.0641	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	Dibromochloromethane	0.032	ND	0.04	0.0641	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	Methylene chloride	0.016	ND	0.159	0.256	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8260	Vinyl chloride	0.0085	ND	0.04	0.0641	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.26	3.6	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.187	0.3	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.187	0.3	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	4-Chloroaniline	0.057	ND	0.36	0.599	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.187	0.3	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.187	0.3	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.187	0.3	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	Nitrobenzene	0.094	ND	0.187	0.3	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.187	0.3	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.187	0.3	mg/kg	E	1
11TAKU-B38-SO2-C08	1118927004	1118927	SW8270	Pentachlorophenol	0.047	ND	1.49	2.4	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0578	0.0964	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.03	0.0482	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.0482	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.0482	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.0482	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.03	0.0482	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	Bromomethane	0.16	ND	0.24	0.386	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.03	0.0482	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	Methylene chloride	0.016	ND	0.12	0.193	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8260	Vinyl chloride	0.0085	ND	0.03	0.0482	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.04	3.25	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.169	0.271	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.169	0.271	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	4-Chloroaniline	0.057	ND	0.326	0.542	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.169	0.271	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.169	0.271	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.169	0.271	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	Nitrobenzene	0.094	ND	0.169	0.271	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.169	0.271	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.169	0.271	mg/kg	E	1
11TAKU-B38-SO2-C09	1118927005	1118927	SW8270	Pentachlorophenol	0.047	ND	1.34	2.17	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.101	0.168	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0524	0.0839	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	1,1-Dichloroethene	0.03	ND	0.0524	0.0839	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0524	0.0839	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	1,2-Dibromoethane	0.00016	ND	0.0524	0.0839	mg/kg	JM-,E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	1,2-Dichloroethane	0.016	ND	0.0524	0.0839	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	1,2-Dichloropropane	0.018	ND	0.0524	0.0839	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	Benzene	0.025	ND	0.0262	0.042	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	Bromodichloromethane	0.044	ND	0.0524	0.0839	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	Bromomethane	0.16	ND	0.416	0.671	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	Carbon tetrachloride	0.023	ND	0.0524	0.0839	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	Dibromochloromethane	0.032	ND	0.0524	0.0839	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	Methylene chloride	0.016	ND	0.208	0.336	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	Tetrachloroethene (PCE)	0.024	ND	0.0262	0.042	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8260	Vinyl chloride	0.0085	ND	0.0524	0.0839	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	2,4-Dinitrophenol	0.54	ND	2.02	3.23	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.168	0.269	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.168	0.269	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	4-Chloroaniline	0.057	ND	0.322	0.538	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.168	0.269	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	Hexachlorobenzene	0.047	ND	0.168	0.269	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	Hexachlorobutadiene	0.12	ND	0.168	0.269	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	Nitrobenzene	0.094	ND	0.168	0.269	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.168	0.269	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.168	0.269	mg/kg	E	1
11TAKU-B38-SO3-C01	1118887001	1118887	SW8270	Pentachlorophenol	0.047	ND	1.33	2.15	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0804	0.134	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0418	0.067	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	1,1-Dichloroethene	0.03	ND	0.0418	0.067	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0418	0.067	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	1,2-Dibromoethane	0.00016	ND	0.0418	0.067	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	1,2-Dichloroethane	0.016	ND	0.0418	0.067	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	1,2-Dichloropropane	0.018	ND	0.0418	0.067	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	Bromomethane	0.16	ND	0.332	0.536	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	Carbon tetrachloride	0.023	ND	0.0418	0.067	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	Dibromochloromethane	0.032	ND	0.0418	0.067	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	Methylene chloride	0.016	ND	0.166	0.268	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	Trichloroethene (TCE)	0.02	ND	0.021	0.0335	mg/kg	JD,E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8260	Vinyl chloride	0.0085	ND	0.0418	0.067	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	2,4-Dinitrophenol	0.54	ND	2.02	3.21	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.167	0.268	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.167	0.268	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	4-Chloroaniline	0.057	ND	0.322	0.536	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.167	0.268	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	Hexachlorobenzene	0.047	ND	0.167	0.268	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	Hexachlorobutadiene	0.12	ND	0.167	0.268	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	Nitrobenzene	0.094	ND	0.167	0.268	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.167	0.268	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.167	0.268	mg/kg	E	1
11TAKU-B38-SO3-C02	1118887004	1118887	SW8270	Pentachlorophenol	0.047	ND	1.33	2.14	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0666	0.111	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0346	0.0555	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.0346	0.0555	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0346	0.0555	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.0346	0.0555	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.0346	0.0555	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.0346	0.0555	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	Bromomethane	0.16	ND	0.276	0.444	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.0346	0.0555	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	Dibromochloromethane	0.032	ND	0.0346	0.0555	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8260	Vinyl chloride	0.0085	ND	0.0346	0.0555	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.04	3.27	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.17	0.272	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.17	0.272	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	4-Chloroaniline	0.057	ND	0.326	0.545	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.17	0.272	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.17	0.272	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.17	0.272	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	Nitrobenzene	0.094	ND	0.17	0.272	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.17	0.272	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.17	0.272	mg/kg	E	1
11TAKU-B38-SO3-C10	1118927006	1118927	SW8270	Pentachlorophenol	0.047	ND	1.35	2.18	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0642	0.107	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0334	0.0535	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.0334	0.0535	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0334	0.0535	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.0334	0.0535	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.0334	0.0535	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.0334	0.0535	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	Bromomethane	0.16	ND	0.266	0.428	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.0334	0.0535	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	Dibromochloromethane	0.032	ND	0.0334	0.0535	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	Methylene chloride	0.016	ND	0.133	0.214	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8260	Vinyl chloride	0.0085	ND	0.0334	0.0535	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.06	3.3	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.172	0.275	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.172	0.275	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	4-Chloroaniline	0.057	ND	0.33	0.55	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.172	0.275	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.172	0.275	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.172	0.275	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	Nitrobenzene	0.094	ND	0.172	0.275	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.172	0.275	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.172	0.275	mg/kg	E	1
11TAKU-B38-SO4-C11	1118927007	1118927	SW8270	Pentachlorophenol	0.047	ND	1.36	2.2	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0786	0.131	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0408	0.0655	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.0408	0.0655	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0408	0.0655	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.0408	0.0655	mg/kg	JM-,E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.0408	0.0655	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.0408	0.0655	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	Bromomethane	0.16	ND	0.326	0.524	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.0408	0.0655	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	Dibromochloromethane	0.032	ND	0.0408	0.0655	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	Methylene chloride	0.016	ND	0.163	0.262	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	Trichloroethene (TCE)	0.02	ND	0.0204	0.0328	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8260	Vinyl chloride	0.0085	ND	0.0408	0.0655	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2	3.19	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.166	0.265	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.166	0.265	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	4-Chloroaniline	0.057	ND	0.318	0.531	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.166	0.265	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.166	0.265	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.166	0.265	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	Nitrobenzene	0.094	ND	0.166	0.265	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.166	0.265	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.166	0.265	mg/kg	E	1
11TAKU-B38-SO4-C12	1118927008	1118927	SW8270	Pentachlorophenol	0.047	ND	1.32	2.12	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0706	0.118	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	Bromomethane	0.16	ND	0.292	0.471	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	Dibromochloromethane	0.032	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	Methylene chloride	0.016	ND	0.146	0.236	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8260	Vinyl chloride	0.0085	ND	0.0368	0.0589	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.08	3.32	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.172	0.276	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.172	0.276	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	4-Chloroaniline	0.057	ND	0.332	0.553	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.172	0.276	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.172	0.276	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.172	0.276	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	Nitrobenzene	0.094	ND	0.172	0.276	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.172	0.276	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.172	0.276	mg/kg	E	1
11TAKU-B38-SO4-C13	1118927011	1118927	SW8270	Pentachlorophenol	0.047	ND	1.37	2.21	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.069	0.115	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.036	0.0575	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.036	0.0575	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.036	0.0575	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.036	0.0575	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.036	0.0575	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.036	0.0575	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	Bromomethane	0.16	ND	0.286	0.46	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.036	0.0575	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	Dibromochloromethane	0.032	ND	0.036	0.0575	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	Methylene chloride	0.016	ND	0.143	0.23	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8260	Vinyl chloride	0.0085	ND	0.036	0.0575	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.06	3.29	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.171	0.274	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.171	0.274	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	4-Chloroaniline	0.057	ND	0.33	0.549	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.171	0.274	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.171	0.274	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.171	0.274	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	Nitrobenzene	0.094	ND	0.171	0.274	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.171	0.274	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.171	0.274	mg/kg	E	1
11TAKU-B38-SO4-C14	1118927012	1118927	SW8270	Pentachlorophenol	0.047	ND	1.36	2.2	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0584	0.0974	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0304	0.0487	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	1,1-Dichloroethene	0.03	ND	0.0304	0.0487	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0304	0.0487	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.0304	0.0487	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	1,2-Dichloroethane	0.016	ND	0.0304	0.0487	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	1,2-Dichloropropane	0.018	ND	0.0304	0.0487	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	Bromomethane	0.16	ND	0.242	0.389	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	Carbon tetrachloride	0.023	ND	0.0304	0.0487	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	Methylene chloride	0.016	ND	0.121	0.195	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8260	Vinyl chloride	0.0085	ND	0.0304	0.0487	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	2,4-Dinitrophenol	0.54	ND	2.1	3.35	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.174	0.279	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.174	0.279	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	4-Chloroaniline	0.057	ND	0.336	0.558	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.174	0.279	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	Hexachlorobenzene	0.047	ND	0.174	0.279	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	Hexachlorobutadiene	0.12	ND	0.174	0.279	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	Nitrobenzene	0.094	ND	0.174	0.279	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.174	0.279	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.174	0.279	mg/kg	E	1
11TAKU-B38-SO4-C15	1118927013	1118927	SW8270	Pentachlorophenol	0.047	ND	1.39	2.23	mg/kg	E	1
11TAKU-B38-TB01	1118828002	1118828	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0314	0.0522	mg/kg	E	1
11TAKU-B38-TB01	1118828002	1118828	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0163	0.0261	mg/kg	E	1
11TAKU-B38-TB01	1118828002	1118828	SW8260	1,2-Dibromoethane	0.00016	ND	0.0163	0.0261	mg/kg	E	1
11TAKU-B38-TB01	1118828002	1118828	SW8260	1,2-Dichloroethane	0.016	ND	0.0163	0.0261	mg/kg	E	1
11TAKU-B38-TB01	1118828002	1118828	SW8260	Methylene chloride	0.016	ND	0.0648	0.104	mg/kg	E	1
11TAKU-B38-TB01	1118828002	1118828	SW8260	Vinyl chloride	0.0085	ND	0.0163	0.0261	mg/kg	E	1
11TAKU-B38-TB02	1118887007	1118887	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.031	0.0518	mg/kg	E	1
11TAKU-B38-TB02	1118887007	1118887	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0161	0.0259	mg/kg	E	1
11TAKU-B38-TB02	1118887007	1118887	SW8260	1,2-Dibromoethane	0.00016	ND	0.0161	0.0259	mg/kg	E	1
11TAKU-B38-TB02	1118887007	1118887	SW8260	1,2-Dichloroethane	0.016	ND	0.0161	0.0259	mg/kg	E	1
11TAKU-B38-TB02	1118887007	1118887	SW8260	Methylene chloride	0.016	ND	0.0642	0.104	mg/kg	E	1
11TAKU-B38-TB02	1118887007	1118887	SW8260	Vinyl chloride	0.0085	ND	0.0161	0.0259	mg/kg	E	1
11TAKU-B38-TB03	1118927014	1118927	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0306	0.0511	mg/kg	E	1
11TAKU-B38-TB03	1118927014	1118927	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0159	0.0255	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B38-TB03	1118927014	1118927	SW8260	1,2-Dibromoethane	0.00016	ND	0.0159	0.0255	mg/kg	E	1
11TAKU-B38-TB03	1118927014	1118927	SW8260	Methylene chloride	0.016	ND	0.0634	0.102	mg/kg	E	1
11TAKU-B38-TB03	1118927014	1118927	SW8260	Vinyl chloride	0.0085	ND	0.0159	0.0255	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0502	0.0836	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.026	0.0418	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.026	0.0418	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.026	0.0418	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.026	0.0418	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.026	0.0418	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	Bromomethane	0.16	ND	0.208	0.335	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	Carbon tetrachloride	0.023	ND	0.026	0.0418	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	Methylene chloride	0.016	ND	0.104	0.167	mg/kg	E	1
11TAKU-B42-SO1-C01	1118627001	1118627	SW8260	Vinyl chloride	0.0085	ND	0.026	0.0418	mg/kg	E	1
11TAKU-B42-SO1-C01	27869-1	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C01	27869-1	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C01	27869-1	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C01	27869-1	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C01	27869-1	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11TAKU-B42-SO1-C02	1118627002	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.032	0.0534	mg/kg	E	1
11TAKU-B42-SO1-C02	1118627002	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0167	0.0267	mg/kg	E	1
11TAKU-B42-SO1-C02	1118627002	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0167	0.0267	mg/kg	E	1
11TAKU-B42-SO1-C02	1118627002	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0167	0.0267	mg/kg	E	1
11TAKU-B42-SO1-C02	1118627002	1118627	SW8260	Methylene chloride	0.016	ND	0.0662	0.107	mg/kg	E	1
11TAKU-B42-SO1-C02	1118627002	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0167	0.0267	mg/kg	E	1
11TAKU-B42-SO1-C02	27869-2	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO1-C02	27869-2	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO1-C02	27869-2	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO1-C02	27869-2	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO1-C02	27869-2	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.053	0.21	mg/kg	E	1
11TAKU-B42-SO1-C03	1118627003	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.035	0.0583	mg/kg	E	1
11TAKU-B42-SO1-C03	1118627003	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0182	0.0291	mg/kg	E	1
11TAKU-B42-SO1-C03	1118627003	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0182	0.0291	mg/kg	E	1
11TAKU-B42-SO1-C03	1118627003	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0182	0.0291	mg/kg	E	1
11TAKU-B42-SO1-C03	1118627003	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0182	0.0291	mg/kg	E	1
11TAKU-B42-SO1-C03	1118627003	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0182	0.0291	mg/kg	E	1
11TAKU-B42-SO1-C03	1118627003	1118627	SW8260	Methylene chloride	0.016	ND	0.0722	0.117	mg/kg	E	1
11TAKU-B42-SO1-C03	1118627003	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0182	0.0291	mg/kg	E	1
11TAKU-B42-SO1-C03	27869-3	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C03	27869-3	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C03	27869-3	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C03	27869-3	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B42-SO1-C03	27869-3	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11TAKU-B42-SO1-C05	1118627005	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.038	0.0632	mg/kg	E	1
11TAKU-B42-SO1-C05	1118627005	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C05	1118627005	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C05	1118627005	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C05	1118627005	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C05	1118627005	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C05	1118627005	1118627	SW8260	Methylene chloride	0.016	ND	0.0784	0.126	mg/kg	E	1
11TAKU-B42-SO1-C05	1118627005	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C05	27869-5	580-27869-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.55	1.1	mg/kg	E	1
11TAKU-B42-SO1-C05	27869-5	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C05	27869-5	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C05	27869-5	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C05	27869-5	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C05	27869-5	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.055	0.22	mg/kg	E	1
11TAKU-B42-SO1-C06	1118627006	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0312	0.0519	mg/kg	E	1
11TAKU-B42-SO1-C06	1118627006	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0162	0.0259	mg/kg	E	1
11TAKU-B42-SO1-C06	1118627006	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0162	0.0259	mg/kg	E	1
11TAKU-B42-SO1-C06	1118627006	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0162	0.0259	mg/kg	E	1
11TAKU-B42-SO1-C06	1118627006	1118627	SW8260	Methylene chloride	0.016	ND	0.0644	0.104	mg/kg	E	1
11TAKU-B42-SO1-C06	1118627006	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0162	0.0259	mg/kg	E	1
11TAKU-B42-SO1-C06	27869-6	580-27869-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.55	1.1	mg/kg	E	1
11TAKU-B42-SO1-C06	27869-6	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C06	27869-6	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C06	27869-6	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C06	27869-6	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C06	27869-6	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.055	0.22	mg/kg	E	1
11TAKU-B42-SO1-C07	1118627007	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0338	0.0562	mg/kg	E	1
11TAKU-B42-SO1-C07	1118627007	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0175	0.0281	mg/kg	E	1
11TAKU-B42-SO1-C07	1118627007	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0175	0.0281	mg/kg	E	1
11TAKU-B42-SO1-C07	1118627007	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0175	0.0281	mg/kg	E	1
11TAKU-B42-SO1-C07	1118627007	1118627	SW8260	Methylene chloride	0.016	ND	0.0698	0.112	mg/kg	E	1
11TAKU-B42-SO1-C07	1118627007	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0175	0.0281	mg/kg	E	1
11TAKU-B42-SO1-C07	27869-7	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C07	27869-7	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C07	27869-7	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C07	27869-7	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO1-C07	27869-7	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11TAKU-B42-SO1-C08	1118627008	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0374	0.0624	mg/kg	E	1
11TAKU-B42-SO1-C08	1118627008	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0195	0.0312	mg/kg	E	1
11TAKU-B42-SO1-C08	1118627008	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0195	0.0312	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B42-SO1-C08	1118627008	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0195	0.0312	mg/kg	E	1
11TAKU-B42-SO1-C08	1118627008	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0195	0.0312	mg/kg	E	1
11TAKU-B42-SO1-C08	1118627008	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0195	0.0312	mg/kg	E	1
11TAKU-B42-SO1-C08	1118627008	1118627	SW8260	Methylene chloride	0.016	ND	0.0774	0.125	mg/kg	E	1
11TAKU-B42-SO1-C08	1118627008	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0195	0.0312	mg/kg	E	1
11TAKU-B42-SO1-C08	27869-8	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.098	mg/kg	E	1
11TAKU-B42-SO1-C08	27869-8	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.098	mg/kg	E	1
11TAKU-B42-SO1-C08	27869-8	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.098	mg/kg	E	1
11TAKU-B42-SO1-C08	27869-8	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.098	mg/kg	E	1
11TAKU-B42-SO1-C08	27869-8	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.049	0.2	mg/kg	E	1
11TAKU-B42-SO1-C09	1118627009	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0406	0.0676	mg/kg	E	1
11TAKU-B42-SO1-C09	1118627009	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.021	0.0338	mg/kg	E	1
11TAKU-B42-SO1-C09	1118627009	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.021	0.0338	mg/kg	E	1
11TAKU-B42-SO1-C09	1118627009	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.021	0.0338	mg/kg	E	1
11TAKU-B42-SO1-C09	1118627009	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.021	0.0338	mg/kg	E	1
11TAKU-B42-SO1-C09	1118627009	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.021	0.0338	mg/kg	E	1
11TAKU-B42-SO1-C09	1118627009	1118627	SW8260	Bromomethane	0.16	ND	0.168	0.27	mg/kg	E	1
11TAKU-B42-SO1-C09	1118627009	1118627	SW8260	Methylene chloride	0.016	ND	0.0838	0.135	mg/kg	E	1
11TAKU-B42-SO1-C09	1118627009	1118627	SW8260	Vinyl chloride	0.0085	ND	0.021	0.0338	mg/kg	E	1
11TAKU-B42-SO1-C09	27869-9	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO1-C09	27869-9	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO1-C09	27869-9	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO1-C09	27869-9	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO1-C09	27869-9	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.051	0.2	mg/kg	E	1
11TAKU-B42-SO1-C10	1118627010	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0398	0.0662	mg/kg	E	1
11TAKU-B42-SO1-C10	1118627010	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0206	0.0331	mg/kg	E	1
11TAKU-B42-SO1-C10	1118627010	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0206	0.0331	mg/kg	E	1
11TAKU-B42-SO1-C10	1118627010	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0206	0.0331	mg/kg	E	1
11TAKU-B42-SO1-C10	1118627010	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0206	0.0331	mg/kg	E	1
11TAKU-B42-SO1-C10	1118627010	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0206	0.0331	mg/kg	E	1
11TAKU-B42-SO1-C10	1118627010	1118627	SW8260	Bromomethane	0.16	ND	0.164	0.265	mg/kg	E	1
11TAKU-B42-SO1-C10	1118627010	1118627	SW8260	Methylene chloride	0.016	ND	0.082	0.132	mg/kg	E	1
11TAKU-B42-SO1-C10	1118627010	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0206	0.0331	mg/kg	E	1
11TAKU-B42-SO1-C10	27869-10	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C10	27869-10	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C10	27869-10	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C10	27869-10	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO1-C10	27869-10	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.054	0.22	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.058	0.0966	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0302	0.0483	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	1,1-Dichloroethene	0.03	ND	0.0302	0.0483	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0302	0.0483	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0302	0.0483	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0302	0.0483	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0302	0.0483	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	Bromomethane	0.16	ND	0.24	0.386	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	Carbon tetrachloride	0.023	ND	0.0302	0.0483	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	Methylene chloride	0.016	ND	0.12	0.193	mg/kg	E	1
11TAKU-B42-SO1-C11	1118627011	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0302	0.0483	mg/kg	E	1
11TAKU-B42-SO1-C11	27869-11	580-27869-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.58	1.2	mg/kg	E	1
11TAKU-B42-SO1-C11	27869-11	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.12	mg/kg	E	1
11TAKU-B42-SO1-C11	27869-11	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.12	mg/kg	E	1
11TAKU-B42-SO1-C11	27869-11	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.12	mg/kg	E	1
11TAKU-B42-SO1-C11	27869-11	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.12	mg/kg	E	1
11TAKU-B42-SO1-C11	27869-11	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.058	0.23	mg/kg	E	1
11TAKU-B42-SO1-C20	1118627021	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.038	0.0632	mg/kg	E	1
11TAKU-B42-SO1-C20	1118627021	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C20	1118627021	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C20	1118627021	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C20	1118627021	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C20	1118627021	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C20	1118627021	1118627	SW8260	Methylene chloride	0.016	ND	0.0784	0.126	mg/kg	E	1
11TAKU-B42-SO1-C20	1118627021	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0197	0.0316	mg/kg	E	1
11TAKU-B42-SO1-C20	27869-20	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO1-C20	27869-20	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO1-C20	27869-20	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO1-C20	27869-20	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO1-C20	27869-20	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.053	0.21	mg/kg	E	1
11TAKU-B42-SO1-C21	1118627022	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0308	0.0513	mg/kg	E	1
11TAKU-B42-SO1-C21	1118627022	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.016	0.0256	mg/kg	E	1
11TAKU-B42-SO1-C21	1118627022	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.016	0.0256	mg/kg	E	1
11TAKU-B42-SO1-C21	1118627022	1118627	SW8260	Methylene chloride	0.016	ND	0.0636	0.103	mg/kg	E	1
11TAKU-B42-SO1-C21	1118627022	1118627	SW8260	Vinyl chloride	0.0085	ND	0.016	0.0256	mg/kg	E	1
11TAKU-B42-SO1-C21	27869-21	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO1-C21	27869-21	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO1-C21	27869-21	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO1-C21	27869-21	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO1-C21	27869-21	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.051	0.2	mg/kg	E	1
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0462	0.0771	mg/kg	E	1
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.024	0.0385	mg/kg	E	1
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.024	0.0385	mg/kg	E	1
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.024	0.0385	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.024	0.0385	mg/kg	E	1
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.024	0.0385	mg/kg	E	1
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	Bromomethane	0.16	ND	0.191	0.308	mg/kg	E	1
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	Carbon tetrachloride	0.023	ND	0.024	0.0385	mg/kg	E	1
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	Methylene chloride	0.016	ND	0.0956	0.154	mg/kg	E	1
11TAKU-B42-SO1-C22	1118627027	1118627	SW8260	Vinyl chloride	0.0085	ND	0.024	0.0385	mg/kg	E	1
11TAKU-B42-SO1-C22	27869-22	580-27869-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.57	1.1	mg/kg	E	1
11TAKU-B42-SO1-C22	27869-22	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.11	mg/kg	E	1
11TAKU-B42-SO1-C22	27869-22	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.11	mg/kg	E	1
11TAKU-B42-SO1-C22	27869-22	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.11	mg/kg	E	1
11TAKU-B42-SO1-C22	27869-22	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.11	mg/kg	E	1
11TAKU-B42-SO1-C22	27869-22	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.057	0.23	mg/kg	E	1
11TAKU-B42-SO2-C04	1118627004	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0314	0.0524	mg/kg	E	1
11TAKU-B42-SO2-C04	1118627004	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0164	0.0262	mg/kg	E	1
11TAKU-B42-SO2-C04	1118627004	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0164	0.0262	mg/kg	E	1
11TAKU-B42-SO2-C04	1118627004	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0164	0.0262	mg/kg	E	1
11TAKU-B42-SO2-C04	1118627004	1118627	SW8260	Methylene chloride	0.016	ND	0.065	0.105	mg/kg	E	1
11TAKU-B42-SO2-C04	1118627004	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0164	0.0262	mg/kg	E	1
11TAKU-B42-SO2-C04	27869-4	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO2-C04	27869-4	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO2-C04	27869-4	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO2-C04	27869-4	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO2-C04	27869-4	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.054	0.22	mg/kg	E	1
11TAKU-B42-SO2-C12	1118627014	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0432	0.0719	mg/kg	E	1
11TAKU-B42-SO2-C12	1118627014	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0224	0.036	mg/kg	E	1
11TAKU-B42-SO2-C12	1118627014	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0224	0.036	mg/kg	E	1
11TAKU-B42-SO2-C12	1118627014	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0224	0.036	mg/kg	E	1
11TAKU-B42-SO2-C12	1118627014	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0224	0.036	mg/kg	E	1
11TAKU-B42-SO2-C12	1118627014	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0224	0.036	mg/kg	E	1
11TAKU-B42-SO2-C12	1118627014	1118627	SW8260	Bromomethane	0.16	ND	0.178	0.288	mg/kg	E	1
11TAKU-B42-SO2-C12	1118627014	1118627	SW8260	Methylene chloride	0.016	ND	0.0892	0.144	mg/kg	E	1
11TAKU-B42-SO2-C12	1118627014	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0224	0.036	mg/kg	E	1
11TAKU-B42-SO2-C12	27869-12	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO2-C12	27869-12	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO2-C12	27869-12	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO2-C12	27869-12	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO2-C12	27869-12	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.05	0.2	mg/kg	E	1
11TAKU-B42-SO2-C13	1118627024	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.036	0.0599	mg/kg	E	1
11TAKU-B42-SO2-C13	1118627024	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0187	0.0299	mg/kg	E	1
11TAKU-B42-SO2-C13	1118627024	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0187	0.0299	mg/kg	E	1
11TAKU-B42-SO2-C13	1118627024	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0187	0.0299	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B42-SO2-C13	1118627024	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0187	0.0299	mg/kg	E	1
11TAKU-B42-SO2-C13	1118627024	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0187	0.0299	mg/kg	E	1
11TAKU-B42-SO2-C13	1118627024	1118627	SW8260	Methylene chloride	0.016	ND	0.0742	0.12	mg/kg	E	1
11TAKU-B42-SO2-C13	1118627024	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0187	0.0299	mg/kg	E	1
11TAKU-B42-SO2-C13	27869-13	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C13	27869-13	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C13	27869-13	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C13	27869-13	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C13	27869-13	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0482	0.0802	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	Bromomethane	0.16	ND	0.199	0.321	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	Carbon tetrachloride	0.023	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	Methylene chloride	0.016	ND	0.0994	0.16	mg/kg	E	1
11TAKU-B42-SO2-C14	1118627015	1118627	SW8260	Vinyl chloride	0.0085	ND	0.025	0.0401	mg/kg	E	1
11TAKU-B42-SO2-C14	27869-14	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO2-C14	27869-14	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO2-C14	27869-14	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO2-C14	27869-14	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO2-C14	27869-14	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.054	0.21	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0516	0.086	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0268	0.043	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0268	0.043	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0268	0.043	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0268	0.043	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0268	0.043	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	Bromomethane	0.16	ND	0.214	0.344	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	Carbon tetrachloride	0.023	ND	0.0268	0.043	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	Methylene chloride	0.016	ND	0.107	0.172	mg/kg	E	1
11TAKU-B42-SO2-C23	1118627028	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0268	0.043	mg/kg	E	1
11TAKU-B42-SO2-C23	27869-23	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C23	27869-23	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C23	27869-23	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C23	27869-23	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C23	27869-23	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0648	0.108	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0338	0.0541	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	1,1-Dichloroethene	0.03	ND	0.0338	0.0541	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0338	0.0541	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0338	0.0541	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0338	0.0541	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0338	0.0541	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	Bromomethane	0.16	ND	0.268	0.433	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	Carbon tetrachloride	0.023	ND	0.0338	0.0541	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	Dibromochloromethane	0.032	ND	0.0338	0.0541	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	Methylene chloride	0.016	ND	0.134	0.216	mg/kg	E	1
11TAKU-B42-SO2-C24	1118627029	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0338	0.0541	mg/kg	E	1
11TAKU-B42-SO2-C24	27869-24	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C24	27869-24	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C24	27869-24	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C24	27869-24	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C24	27869-24	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.051	0.21	mg/kg	E	1
11TAKU-B42-SO2-C25	1118627030	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0392	0.0654	mg/kg	E	1
11TAKU-B42-SO2-C25	1118627030	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0204	0.0327	mg/kg	E	1
11TAKU-B42-SO2-C25	1118627030	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0204	0.0327	mg/kg	E	1
11TAKU-B42-SO2-C25	1118627030	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0204	0.0327	mg/kg	E	1
11TAKU-B42-SO2-C25	1118627030	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0204	0.0327	mg/kg	E	1
11TAKU-B42-SO2-C25	1118627030	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0204	0.0327	mg/kg	E	1
11TAKU-B42-SO2-C25	1118627030	1118627	SW8260	Bromomethane	0.16	ND	0.162	0.261	mg/kg	E	1
11TAKU-B42-SO2-C25	1118627030	1118627	SW8260	Methylene chloride	0.016	ND	0.081	0.131	mg/kg	E	1
11TAKU-B42-SO2-C25	1118627030	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0204	0.0327	mg/kg	E	1
11TAKU-B42-SO2-C25	27869-25	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C25	27869-25	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C25	27869-25	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C25	27869-25	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO2-C25	27869-25	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0554	0.0922	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0288	0.0461	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0288	0.0461	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0288	0.0461	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0288	0.0461	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0288	0.0461	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	Bromomethane	0.16	ND	0.228	0.369	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	Carbon tetrachloride	0.023	ND	0.0288	0.0461	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	Methylene chloride	0.016	ND	0.114	0.184	mg/kg	E	1
11TAKU-B42-SO3-C19	1118627020	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0288	0.0461	mg/kg	E	1
11TAKU-B42-SO3-C19	27869-19	580-27869-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.56	1.1	mg/kg	E	1
11TAKU-B42-SO3-C19	27869-19	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.11	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B42-SO3-C19	27869-19	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.11	mg/kg	E	1
11TAKU-B42-SO3-C19	27869-19	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.11	mg/kg	E	1
11TAKU-B42-SO3-C19	27869-19	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.11	mg/kg	E	1
11TAKU-B42-SO3-C19	27869-19	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.056	0.23	mg/kg	E	1
11TAKU-B42-SO5-C15	1118627016	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0328	0.0545	mg/kg	E	1
11TAKU-B42-SO5-C15	1118627016	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.017	0.0273	mg/kg	E	1
11TAKU-B42-SO5-C15	1118627016	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.017	0.0273	mg/kg	E	1
11TAKU-B42-SO5-C15	1118627016	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.017	0.0273	mg/kg	E	1
11TAKU-B42-SO5-C15	1118627016	1118627	SW8260	Methylene chloride	0.016	ND	0.0676	0.109	mg/kg	E	1
11TAKU-B42-SO5-C15	1118627016	1118627	SW8260	Vinyl chloride	0.0085	ND	0.017	0.0273	mg/kg	E	1
11TAKU-B42-SO5-C15	27869-15	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C15	27869-15	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C15	27869-15	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C15	27869-15	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C15	27869-15	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.053	0.21	mg/kg	E	1
11TAKU-B42-SO5-C16	1118627017	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0304	0.0508	mg/kg	E	1
11TAKU-B42-SO5-C16	1118627017	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0158	0.0254	mg/kg	E	1
11TAKU-B42-SO5-C16	1118627017	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0158	0.0254	mg/kg	E	1
11TAKU-B42-SO5-C16	1118627017	1118627	SW8260	Methylene chloride	0.016	ND	0.063	0.102	mg/kg	E	1
11TAKU-B42-SO5-C16	1118627017	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0158	0.0254	mg/kg	E	1
11TAKU-B42-SO5-C16	27869-16	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C16	27869-16	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C16	27869-16	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C16	27869-16	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C16	27869-16	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.053	0.21	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0496	0.0826	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	1,1,2-Trichloroethane	0.018	ND	0.0258	0.0413	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0258	0.0413	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0258	0.0413	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0258	0.0413	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	1,2-Dichloropropane	0.018	ND	0.0258	0.0413	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	Bromomethane	0.16	ND	0.204	0.33	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	Carbon tetrachloride	0.023	ND	0.0258	0.0413	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	Methylene chloride	0.016	ND	0.102	0.165	mg/kg	E	1
11TAKU-B42-SO5-C18	1118627019	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0258	0.0413	mg/kg	E	1
11TAKU-B42-SO5-C18	27869-18	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C18	27869-18	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C18	27869-18	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C18	27869-18	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO5-C18	27869-18	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.053	0.21	mg/kg	E	1
11TAKU-B42-SO6-C17	1118627018	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0262	0.0436	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B42-SO6-C17	1118627018	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0136	0.0218	mg/kg	E	1
11TAKU-B42-SO6-C17	1118627018	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0136	0.0218	mg/kg	E	1
11TAKU-B42-SO6-C17	1118627018	1118627	SW8260	Methylene chloride	0.016	ND	0.054	0.0872	mg/kg	E	1
11TAKU-B42-SO6-C17	1118627018	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0136	0.0218	mg/kg	E	1
11TAKU-B42-SO6-C17	27869-17	580-27869-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.098	mg/kg	E	1
11TAKU-B42-SO6-C17	27869-17	580-27869-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.098	mg/kg	E	1
11TAKU-B42-SO6-C17	27869-17	580-27869-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.098	mg/kg	E	1
11TAKU-B42-SO6-C17	27869-17	580-27869-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.098	mg/kg	E	1
11TAKU-B42-SO6-C17	27869-17	580-27869-1	SW8270	Pentachlorophenol	0.047	ND	0.049	0.2	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.026	0.034	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.026	0.034	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8260	1,2-Dichloroethane	0.016	ND	0.026	0.034	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8260	Chloromethane	0.21	ND	0.26	0.34	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.52	1	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B42-SO-W01	28262-1	580-28262-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.023	0.03	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.023	0.03	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8260	1,2-Dichloroethane	0.016	ND	0.023	0.03	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8260	Chloromethane	0.21	ND	0.23	0.3	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.54	1.1	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B42-SO-W02	28262-2	580-28262-1	SW8270	Pentachlorophenol	0.047	ND	0.054	0.22	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.037	0.049	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.037	0.049	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8260	1,2-Dichloroethane	0.016	ND	0.037	0.049	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8260	Chloromethane	0.21	ND	0.37	0.49	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8260	Dibromochloromethane	0.032	ND	0.037	0.049	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.53	1.1	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B42-SO-W03	28262-3	580-28262-1	SW8270	Pentachlorophenol	0.047	ND	0.053	0.21	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.035	0.046	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.035	0.046	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8260	1,2-Dichloroethane	0.016	ND	0.035	0.046	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8260	Chloromethane	0.21	ND	0.35	0.46	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8260	Dibromochloromethane	0.032	ND	0.035	0.046	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.51	1	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.1	mg/kg	E	1
11TAKU-B42-SO-W04	28262-4	580-28262-1	SW8270	Pentachlorophenol	0.047	ND	0.051	0.2	mg/kg	E	1
11TAKU-B42-TB01	1118627023	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.031	0.0516	mg/kg	E	1
11TAKU-B42-TB01	1118627023	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0161	0.0258	mg/kg	E	1
11TAKU-B42-TB01	1118627023	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.0161	0.0258	mg/kg	E	1
11TAKU-B42-TB01	1118627023	1118627	SW8260	1,2-Dichloroethane	0.016	ND	0.0161	0.0258	mg/kg	E	1
11TAKU-B42-TB01	1118627023	1118627	SW8260	Methylene chloride	0.016	ND	0.064	0.103	mg/kg	E	1
11TAKU-B42-TB01	1118627023	1118627	SW8260	Vinyl chloride	0.0085	ND	0.0161	0.0258	mg/kg	E	1
11TAKU-B42-TB02	1118627031	1118627	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.0308	0.0514	mg/kg	E	1
11TAKU-B42-TB02	1118627031	1118627	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.016	0.0257	mg/kg	E	1
11TAKU-B42-TB02	1118627031	1118627	SW8260	1,2-Dibromoethane	0.00016	ND	0.016	0.0257	mg/kg	E	1
11TAKU-B42-TB02	1118627031	1118627	SW8260	Methylene chloride	0.016	ND	0.0638	0.103	mg/kg	E	1
11TAKU-B42-TB02	1118627031	1118627	SW8260	Vinyl chloride	0.0085	ND	0.016	0.0257	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.039	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.039	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.039	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8260	Chloromethane	0.21	ND	0.3	0.39	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.55	1.1	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO10-C01	27870-1	580-27870-1	SW8270	Pentachlorophenol	0.047	ND	0.055	0.22	mg/kg	E	1
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.025	0.034	mg/kg	E	1
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.025	0.034	mg/kg	E	1
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8260	1,2-Dichloroethane	0.016	ND	0.025	0.034	mg/kg	E	1
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8260	Chloromethane	0.21	ND	0.25	0.34	mg/kg	E	1
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.1	mg/kg	E	1
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.1	mg/kg	E	1
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.1	mg/kg	E	1
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.1	mg/kg	E	1
11TAKU-B48-SO10-C02	27870-2	580-27870-1	SW8270	Pentachlorophenol	0.047	ND	0.05	0.2	mg/kg	E	1
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.026	0.034	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.026	0.034	mg/kg	E	1
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8260	1,2-Dichloroethane	0.016	ND	0.026	0.034	mg/kg	E	1
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8260	Chloromethane	0.21	ND	0.26	0.34	mg/kg	E	1
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B48-SO10-C03	27870-3	580-27870-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.032	0.042	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.032	0.042	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8260	1,2-Dichloroethane	0.016	ND	0.032	0.042	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8260	Chloromethane	0.21	ND	0.32	0.42	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.58	1.2	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.12	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.12	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.12	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.12	mg/kg	E	1
11TAKU-B48-SO8-C04	27870-4	580-27870-1	SW8270	Pentachlorophenol	0.047	ND	0.058	0.23	mg/kg	E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.039	mg/kg	JS,E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.039	mg/kg	JM-,JS,E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.039	mg/kg	JM-,JS,E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8260	Chloromethane	0.21	ND	0.3	0.39	mg/kg	JM-,JS,E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.64	1.3	mg/kg	E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.025	0.13	mg/kg	E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.025	0.13	mg/kg	E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.025	0.13	mg/kg	E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.025	0.13	mg/kg	E	1
11TAKU-B48-SO8-C05	27870-5	580-27870-1	SW8270	Pentachlorophenol	0.047	ND	0.064	0.25	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.034	0.045	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.034	0.045	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8260	1,2-Dichloroethane	0.016	ND	0.034	0.045	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8260	Chloromethane	0.21	ND	0.34	0.45	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8260	Dibromochloromethane	0.032	ND	0.034	0.045	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.55	1.1	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO8-C06	27870-6	580-27870-1	SW8270	Pentachlorophenol	0.047	ND	0.055	0.22	mg/kg	E	1
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.55	1.1	mg/kg	E	1
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B48-SO8-C07	27870-7	580-27870-1	SW8270	Pentachlorophenol	0.047	ND	0.055	0.22	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.034	0.045	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.034	0.045	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8260	1,2-Dichloroethane	0.016	ND	0.034	0.045	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8260	Chloromethane	0.21	ND	0.34	0.45	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8260	Dibromochloromethane	0.032	ND	0.034	0.045	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.61	1.2	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.024	0.12	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.024	0.12	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.024	0.12	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.61	1.2	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.024	0.12	mg/kg	E	1
11TAKU-B48-SO-W01	28179-3	580-28179-1	SW8270	Pentachlorophenol	0.047	ND	0.061	0.24	mg/kg	E	1
11TAKU-B48-TB01	27870-8	580-27870-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B48-TB01	27870-8	580-27870-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B48-TB01	27870-8	580-27870-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B48-TB01	27870-8	580-27870-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.57	1.1	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.023	0.11	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.023	0.11	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.023	0.11	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.57	1.1	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.023	0.11	mg/kg	E	1
11TAKU-B49-SO10-C01	28045-1	580-28045-1	SW8270	Pentachlorophenol	0.047	ND	0.057	0.23	mg/kg	E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.032	0.043	mg/kg	JM-,E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.032	0.043	mg/kg	JM-,E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8260	1,2-Dichloroethane	0.016	ND	0.032	0.043	mg/kg	JM-,E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8260	Chloromethane	0.21	ND	0.32	0.43	mg/kg	JM-,E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.6	1.2	mg/kg	E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.024	0.12	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.024	0.12	mg/kg	E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.024	0.12	mg/kg	E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.6	1.2	mg/kg	E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.024	0.12	mg/kg	E	1
11TAKU-B49-SO10-C02	28045-2	580-28045-1	SW8270	Pentachlorophenol	0.047	ND	0.06	0.24	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.029	0.039	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.029	0.039	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8260	1,2-Dichloroethane	0.016	ND	0.029	0.039	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8260	Chloromethane	0.21	ND	0.29	0.39	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.65	1.3	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.026	0.13	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.026	0.13	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.026	0.13	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.65	1.3	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.026	0.13	mg/kg	E	1
11TAKU-B49-SO10-C03	28045-3	580-28045-1	SW8270	Pentachlorophenol	0.047	ND	0.065	0.26	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.55	1.1	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.55	1.1	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO9-C04	28045-4	580-28045-1	SW8270	Pentachlorophenol	0.047	ND	0.055	0.22	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.027	0.036	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.027	0.036	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8260	1,2-Dichloroethane	0.016	ND	0.027	0.036	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8260	Chloromethane	0.21	ND	0.27	0.36	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.56	1.1	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.56	1.1	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO9-C05	28045-5	580-28045-1	SW8270	Pentachlorophenol	0.047	ND	0.056	0.22	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.034	0.045	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.034	0.045	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8260	1,2-Dichloroethane	0.016	ND	0.034	0.045	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8260	Chloromethane	0.21	ND	0.34	0.45	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8260	Dibromochloromethane	0.032	ND	0.034	0.045	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.02	0.1	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.02	0.1	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.02	0.1	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.51	1	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.02	0.1	mg/kg	E	1
11TAKU-B49-SO9-C06	28045-6	580-28045-1	SW8270	Pentachlorophenol	0.047	ND	0.051	0.2	mg/kg	E	1
11TAKU-B49-SO-W01	G1H170431001	G1H170431	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0042	0.045	mg/kg	E	0.84
11TAKU-B49-SO-W01	G1H170431001	G1H170431	SW8260	1,2-Dibromoethane	0.00016	ND	0.0049	0.045	mg/kg	E	0.84
11TAKU-B49-SO-W01	28021-1	580-28021-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.1	mg/kg	E	1
11TAKU-B49-SO-W01	28021-1	580-28021-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.1	mg/kg	E	1
11TAKU-B49-SO-W01	28021-1	580-28021-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.1	mg/kg	E	1
11TAKU-B49-SO-W01	28021-1	580-28021-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.1	mg/kg	E	1
11TAKU-B49-SO-W01	28021-1	580-28021-1	SW8270	Pentachlorophenol	0.047	ND	0.052	0.21	mg/kg	E	1
11TAKU-B49-SO-W02	G1H170431002	G1H170431	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.0065	0.069	mg/kg	E	1.23
11TAKU-B49-SO-W02	G1H170431002	G1H170431	SW8260	1,2-Dibromoethane	0.00016	ND	0.0074	0.069	mg/kg	E	1.23
11TAKU-B49-SO-W02	28021-2	580-28021-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.55	1.1	mg/kg	E	1
11TAKU-B49-SO-W02	28021-2	580-28021-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO-W02	28021-2	580-28021-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO-W02	28021-2	580-28021-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO-W02	28021-2	580-28021-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-B49-SO-W02	28021-2	580-28021-1	SW8270	Pentachlorophenol	0.047	ND	0.055	0.22	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.54	1.1	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B49-SO-W03	28262-5	580-28262-1	SW8270	Pentachlorophenol	0.047	ND	0.054	0.21	mg/kg	E	1
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.027	0.036	mg/kg	E	1
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.027	0.036	mg/kg	E	1
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8260	1,2-Dichloroethane	0.016	ND	0.027	0.036	mg/kg	E	1
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8260	Chloromethane	0.21	ND	0.27	0.36	mg/kg	E	1
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.021	0.11	mg/kg	E	1
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.021	0.11	mg/kg	E	1
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.021	0.11	mg/kg	E	1
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.54	1.1	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.021	0.11	mg/kg	E	1
11TAKU-B49-SO-W04	28262-6	580-28262-1	SW8270	Pentachlorophenol	0.047	ND	0.054	0.21	mg/kg	E	1
11TAKU-B49-TB02	28045-7	580-28045-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-TB02	28045-7	580-28045-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-TB02	28045-7	580-28045-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-TB02	28045-7	580-28045-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B49-TB03	28262-7	580-28262-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-TB03	28262-7	580-28262-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-TB03	28262-7	580-28262-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-B49-TB03	28262-7	580-28262-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
11TAKU-B49-TB03	28262-7	580-28262-1	SW8260	Methylene chloride	0.016	ND	0.03	0.04	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.033	0.044	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.033	0.044	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8260	1,2-Dichloroethane	0.016	ND	0.033	0.044	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8260	Chloromethane	0.21	ND	0.33	0.44	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8260	Dibromochloromethane	0.032	ND	0.033	0.044	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.55	1.1	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.55	1.1	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-MW62-SO-W01	28179-1	580-28179-1	SW8270	Pentachlorophenol	0.047	ND	0.055	0.22	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.02	0.022	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	1,1,2-Trichloroethane	0.018	ND	0.02	0.027	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	1,1-Dichloroethene	0.03	ND	0.034	0.045	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.067	0.089	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.067	0.089	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	1,2-Dichloroethane	0.016	ND	0.067	0.089	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	1,2-Dichloropropane	0.018	ND	0.022	0.027	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	Bromodichloromethane	0.044	ND	0.067	0.089	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	Bromomethane	0.16	ND	0.22	0.31	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	Carbon tetrachloride	0.023	ND	0.034	0.045	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	Chloromethane	0.21	ND	0.67	0.89	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	Dibromochloromethane	0.032	ND	0.067	0.089	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	Tetrachloroethene (PCE)	0.024	ND	0.034	0.045	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	Trichloroethene (TCE)	0.02	ND	0.022	0.036	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8260	Vinyl chloride	0.0085	ND	0.011	0.018	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8270	2,4-Dinitrophenol	0.54	ND	0.55	1.1	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.022	0.11	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.022	0.11	mg/kg	E	1

Table B-2-8
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater Than ADEC Criteria (dilution factors less than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.022	0.11	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.55	1.1	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.022	0.11	mg/kg	E	1
11TAKU-MW62-SO-W02	28179-2	580-28179-1	SW8270	Pentachlorophenol	0.047	ND	0.055	0.22	mg/kg	E	1
TB	28179-6	580-28179-1	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.03	0.04	mg/kg	E	1
TB	28179-6	580-28179-1	SW8260	1,2-Dibromoethane	0.00016	ND	0.03	0.04	mg/kg	E	1
TB	28179-6	580-28179-1	SW8260	1,2-Dichloroethane	0.016	ND	0.03	0.04	mg/kg	E	1
TB	28179-6	580-28179-1	SW8260	Chloromethane	0.21	ND	0.3	0.4	mg/kg	E	1
TB	28179-6	580-28179-1	SW8260	Methylene chloride	0.016	ND	0.03	0.04	mg/kg	E	1

Notes:
ND = nondetect
LOD = limit of detection
LOQ = limit of quantitation
mg/kg= milligrams per kilogram
For additional definitions, refer to the Data Quality Assessment

Table B-2-9
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater than ADEC Criteria (dilution factors greater than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor	Reason for Dilution
11FWA-TAKU-WX01	27548-1	580-27548-1	8270SIM	Benzo(a)pyrene	0.0002	ND	0.00075	0.002	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	8270SIM	Benzo(a)pyrene	0.0002	ND	0.00075	0.002	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	8270SIM	Dibenzo(a,h)anthracene	0.00012	ND	0.00075	0.001	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	8270SIM	Dibenzo(a,h)anthracene	0.00012	ND	0.00075	0.001	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8015C	Ethylene glycol	73	ND	3000	10000	mg/L	E	2000	High target concentration
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	2,4-Dinitrophenol	0.073	ND	0.1	0.25	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	2,4-Dinitrotoluene	0.0013	ND	0.01	0.02	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	2,4-Dinitrotoluene	0.0013	ND	0.01	0.02	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	2,6-Dinitrotoluene	0.0013	ND	0.01	0.02	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	2,6-Dinitrotoluene	0.0013	ND	0.01	0.02	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	3,3'-Dichlorobenzidine	0.0019	ND	0.01	0.1	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Benzo(a)anthracene	0.0012	ND	0.0015	0.003	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Benzo(a)anthracene	0.0012	ND	0.0015	0.003	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Benzo(a)pyrene	0.0002	ND	0.0015	0.002	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Benzo(a)pyrene	0.0002	ND	0.0015	0.002	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Benzo(b)fluoranthene	0.0012	ND	0.0015	0.004	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Benzo(b)fluoranthene	0.0012	ND	0.0015	0.004	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	bis-(2-Chloroethyl)ether	0.00077	ND	0.01	0.02	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	bis-(2-Ethylhexyl)phthalate	0.006	ND	0.1	0.15	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Dibenzo(a,h)anthracene	0.00012	ND	0.0015	0.003	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Dibenzo(a,h)anthracene	0.00012	ND	0.0015	0.003	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Hexachlorobenzene	0.001	ND	0.01	0.02	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Hexachlorobenzene	0.001	ND	0.01	0.02	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Hexachlorobutadiene	0.0073	ND	0.01	0.03	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Hexachlorobutadiene	0.0073	ND	0.01	0.03	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Indeno(1,2,3-cd)pyrene	0.0012	ND	0.0015	0.003	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Indeno(1,2,3-cd)pyrene	0.0012	ND	0.0015	0.003	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	n-Nitrosodimethylamine	0.000017	ND	0.025	0.1	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	n-Nitrosodi-n-propylamine	0.00012	ND	0.01	0.02	mg/L	E	10	Sample matrix
11FWA-TAKU-WX01	27548-1	580-27548-1	SW8270	Pentachlorophenol	0.001	ND	0.01	0.035	mg/L	E	10	Sample matrix
11TAKU-B08-SO12-C14	1118985013	1118985	OCPSTSM	alpha-BHC	0.0064	ND	0.0188	0.0301	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO12-C14	1118985013	1118985	OCPSTSM	Dieldrin	0.0076	ND	0.0248	0.0401	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO12-C14	1118985013	1118985	OCPSTSM	gamma-BHC (Lindane)	0.0095	ND	0.0188	0.0301	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO12-C14	1118985013	1118985	OCPSTSM	Heptachlor epoxide	0.014	ND	0.0248	0.0401	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO2-C24	1118985023	1118985	OCPSTSM	alpha-BHC	0.0064	ND	0.0095	0.0151	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO2-C24	1118985023	1118985	OCPSTSM	Dieldrin	0.0076	ND	0.0125	0.0202	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	1,4-Dichlorobenzene	0.64	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	2,4-Dinitrophenol	0.54	ND	9.66	15.4	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	3,3'-Dichlorobenzidine	0.19	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	3-Methylphenol/4-Methylphenol Coelution	1.5	ND	3.18	5.14	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	4-Chloroaniline	0.057	ND	1.54	2.57	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	Benzo(a)pyrene	0.49	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	Dibenzo(a,h)anthracene	0.49	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	Hexachlorobenzene	0.047	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	Hexachlorobutadiene	0.12	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	Hexachlorocyclopentadiene	1.3	ND	2.06	3.6	mg/kg	E	5	Dark extract

Table B-2-9
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater than ADEC Criteria (dilution factors greater than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor	Reason for Dilution
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	Hexachloroethane	0.21	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	Nitrobenzene	0.094	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.802	1.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO2-W02	1118819002	1118819	SW8270	Pentachlorophenol	0.047	ND	6.38	10.3	mg/kg	E	5	Dark extract
11TAKU-B08-SO4-C18	1118985017	1118985	OCPSTSM	alpha-BHC	0.0064	ND	0.0098	0.0156	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO4-C18	1118985017	1118985	OCPSTSM	Dieldrin	0.0076	ND	0.0129	0.0208	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO4-C18	1118985017	1118985	OCPSTSM	gamma-BHC (Lindane)	0.0095	ND	0.0098	0.0156	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO6-C01	1118873001	1118873	OCPSTSM	Aldrin	0.07	ND	0.282	0.449	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO6-C01	1118873001	1118873	OCPSTSM	alpha-BHC	0.0064	ND	0.282	0.449	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO6-C01	1118873001	1118873	OCPSTSM	beta-BHC	0.022	ND	0.282	0.449	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO6-C01	1118873001	1118873	OCPSTSM	Dieldrin	0.0076	ND	0.0372	0.0599	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO6-C01	1118873001	1118873	OCPSTSM	gamma-BHC (Lindane)	0.0095	ND	0.282	0.449	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO6-C01	1118873001	1118873	OCPSTSM	Heptachlor	0.28	ND	0.372	0.599	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO6-C01	1118873001	1118873	OCPSTSM	Heptachlor epoxide	0.014	ND	0.372	0.599	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.742	1.24	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	1,1,2-Trichloroethane	0.018	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	1,1-Dichloroethene	0.03	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	1,2-Dibromoethane	0.00016	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	1,2-Dichloroethane	0.016	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	1,2-Dichloropropane	0.018	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Benzene	0.025	ND	0.193	0.309	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Bromodichloromethane	0.044	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Bromoform	0.34	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Bromomethane	0.16	ND	3.06	4.94	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Carbon tetrachloride	0.023	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Chloromethane	0.21	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	cis-1,2-Dichloroethene	0.24	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Dibromochloromethane	0.032	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Methylene chloride	0.016	ND	1.53	2.47	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Methyl-tert-butyl ether (MTBE)	1.3	ND	1.53	2.47	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Tetrachloroethene (PCE)	0.024	ND	0.193	0.309	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	trans-1,2-Dichloroethene	0.37	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Trichloroethene (TCE)	0.02	ND	0.193	0.309	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8260	Vinyl chloride	0.0085	ND	0.386	0.618	mg/kg	E	10	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	1,2,4-Trichlorobenzene	0.85	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	1,4-Dichlorobenzene	0.64	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	2,4,6-Trichlorophenol	1.4	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	2,4-Dichlorophenol	1.3	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	2,4-Dinitrophenol	0.54	ND	17.2	27.5	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	2,4-Dinitrotoluene	0.0093	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	2,6-Dinitrotoluene	0.0094	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	3,3'-Dichlorobenzidine	0.19	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	3-Methylphenol/4-Methylphenol Coelution	1.5	ND	5.68	9.16	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	4-Chloroaniline	0.057	ND	2.74	4.58	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	Benzo(a)pyrene	0.49	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	Dibenzo(a,h)anthracene	0.49	ND	1.43	2.29	mg/kg	E	5	Dark extract

Table B-2-9
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater than ADEC Criteria (dilution factors greater than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor	Reason for Dilution
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	Hexachlorobenzene	0.047	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	Hexachlorobutadiene	0.12	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	Hexachlorocyclopentadiene	1.3	ND	3.66	6.41	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	Hexachloroethane	0.21	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	Nitrobenzene	0.094	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	n-Nitrosodimethylamine	0.000053	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	1.43	2.29	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	1118873001	1118873	SW8270	Pentachlorophenol	0.047	ND	11.4	18.3	mg/kg	E	5	Dark extract
11TAKU-B08-SO6-C01	28771-1	580-28771-1	SW8330	1,3-Dinitrobenzene	0.02	ND	0.43	1.2	mg/kg	E	5	
11TAKU-B08-SO6-C01	28771-1	580-28771-1	SW8330	2,4-Dinitrotoluene	0.0093	ND	0.43	1.2	mg/kg	E	5	
11TAKU-B08-SO6-C01	28771-1	580-28771-1	SW8330	2,6-Dinitrotoluene	0.0094	ND	0.43	1.2	mg/kg	E	5	
11TAKU-B08-SO6-C01	28771-1	580-28771-1	SW8330	2-Amino-4,6-dinitrotoluene	0.029	ND	0.43	1.2	mg/kg	E	5	
11TAKU-B08-SO6-C01	28771-1	580-28771-1	SW8330	4-Amino-2,6-dinitrotoluene	0.029	ND	0.43	1.2	mg/kg	E	5	
11TAKU-B08-SO6-C01	28771-1	580-28771-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.04	ND	0.43	1.3	mg/kg	E	5	
11TAKU-B08-SO6-C01	28771-1	580-28771-1	SW8330	Nitrobenzene	0.094	ND	0.43	1.2	mg/kg	E	5	
11TAKU-B08-SO6-C01	28771-1	580-28771-1	SW8330	o-Nitrotoluene	0.025	ND	0.43	1.2	mg/kg	E	5	
11TAKU-B08-SO6-C01	28771-1	580-28771-1	SW8330	p-Nitrotoluene	0.34	ND	0.87	1.9	mg/kg	E	5	
11TAKU-B08-SO6-C17	1118985016	1118985	OCPSTSM	alpha-BHC	0.0064	ND	0.0107	0.0171	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO6-C17	1118985016	1118985	OCPSTSM	Dieldrin	0.0076	ND	0.0141	0.0228	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO6-C17	1118985016	1118985	OCPSTSM	gamma-BHC (Lindane)	0.0095	ND	0.0107	0.0171	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO6-C17	1118985016	1118985	OCPSTSM	Heptachlor epoxide	0.014	ND	0.0141	0.0228	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO7-C02	1118873002	1118873	OCPSTSM	Aldrin	0.07	ND	0.101	0.16	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C02	1118873002	1118873	OCPSTSM	alpha-BHC	0.0064	ND	0.101	0.16	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C02	1118873002	1118873	OCPSTSM	beta-BHC	0.022	ND	0.101	0.16	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C02	1118873002	1118873	OCPSTSM	Dieldrin	0.0076	ND	0.0133	0.0214	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO7-C02	1118873002	1118873	OCPSTSM	gamma-BHC (Lindane)	0.0095	ND	0.101	0.16	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C02	1118873002	1118873	OCPSTSM	Heptachlor epoxide	0.014	ND	0.133	0.214	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	1,1,2,2-Tetrachloroethane	0.017	ND	0.456	0.76	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	1,1,2-Trichloroethane	0.018	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	1,1-Dichloroethene	0.03	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	1,2,3-Trichloropropane	0.00053	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	1,2-Dibromoethane	0.00016	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	1,2-Dichloroethane	0.016	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	1,2-Dichloropropane	0.018	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Benzene	0.025	ND	0.119	0.19	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Bromodichloromethane	0.044	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Bromomethane	0.16	ND	1.89	3.04	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Carbon tetrachloride	0.023	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Chloromethane	0.21	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Dibromochloromethane	0.032	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Methylene chloride	0.016	ND	0.942	1.52	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Tetrachloroethene (PCE)	0.024	ND	0.119	0.19	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Trichloroethene (TCE)	0.02	ND	0.119	0.19	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8260	Vinyl chloride	0.0085	ND	0.238	0.38	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	1,4-Dichlorobenzene	0.64	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	2,4-Dinitrophenol	0.54	ND	9.96	15.9	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	2,4-Dinitrotoluene	0.0093	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	2,6-Dinitrotoluene	0.0094	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	3,3'-Dichlorobenzidine	0.19	ND	0.826	1.32	mg/kg	E	5	Dark extract

Table B-2-9
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater than ADEC Criteria (dilution factors greater than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor	Reason for Dilution
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	3-Methylphenol/4-Methylphenol Coelution	1.5	ND	3.28	5.3	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	4-Chloroaniline	0.057	ND	1.59	2.65	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	Benzo(a)pyrene	0.49	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	Dibenzo(a,h)anthracene	0.49	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	Hexachlorobenzene	0.047	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	Hexachlorobutadiene	0.12	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	Hexachlorocyclopentadiene	1.3	ND	2.12	3.71	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	Hexachloroethane	0.21	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	Nitrobenzene	0.094	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	n-Nitrosodimethylamine	0.000053	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	0.826	1.32	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C02	1118873002	1118873	SW8270	Pentachlorophenol	0.047	ND	6.56	10.6	mg/kg	E	5	Dark extract
11TAKU-B08-SO7-C05	1118985002	1118985	8270SIM	Benzo(a)pyrene	0.49	ND	3.38	5.62	mg/kg	E	1000	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	8270SIM	Dibenzo(a,h)anthracene	0.49	ND	3.38	5.62	mg/kg	E	1000	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	1,2,4-Trichlorobenzene	0.85	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	1,4-Dichlorobenzene	0.64	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	2,4,6-Trichlorophenol	1.4	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	2,4-Dichlorophenol	1.3	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	42.2	67.3	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	2-Chlorophenol	1.5	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	3,3'-Dichlorobenzidine	0.19	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	3-Methylphenol/4-Methylphenol Coelution	1.5	ND	13.9	22.4	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	4-Chloroaniline	0.057	ND	6.74	11.2	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	Benzo(a)pyrene	0.49	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	Dibenzo(a,h)anthracene	0.49	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	Hexachlorobenzene	0.047	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	Hexachlorobutadiene	0.12	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	Hexachlorocyclopentadiene	1.3	ND	8.98	15.7	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	Hexachloroethane	0.21	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	Isophorone	3.1	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	Nitrobenzene	0.094	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	3.5	5.61	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C05	1118985002	1118985	SW8270	Pentachlorophenol	0.047	ND	27.8	44.9	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	OCPSTSM	Aldrin	0.07	ND	0.105	0.168	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	OCPSTSM	alpha-BHC	0.0064	ND	0.105	0.168	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	OCPSTSM	beta-BHC	0.022	ND	0.105	0.168	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	OCPSTSM	Chlordane	2.3	ND	3.36	5.61	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	OCPSTSM	Dieldrin	0.0076	ND	0.139	0.224	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	OCPSTSM	gamma-BHC (Lindane)	0.0095	ND	0.105	0.168	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	OCPSTSM	Heptachlor epoxide	0.014	ND	0.139	0.224	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	OCPSTSM	Toxaphene	3.9	ND	6.96	11.2	mg/kg	E	100	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	1,2,4-Trichlorobenzene	0.85	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	1,4-Dichlorobenzene	0.64	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	2,4,6-Trichlorophenol	1.4	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards

Table B-2-9
2011 Former Communication Site Construction Support - Nondetect Results with LODs Greater than ADEC Criteria (dilution factors greater than 5)

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	ADEC Most Stringent Criteria	Result	LOD	LOQ	Units	Qualifier	Dilution Factor	Reason for Dilution
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	2,4-Dichlorophenol	1.3	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	2,4-Dinitrophenol	0.54	ND	42.4	67.6	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	2,4-Dinitrotoluene	0.0093	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	2,6-Dinitrotoluene	0.0094	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	2-Chlorophenol	1.5	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	3,3'-Dichlorobenzidine	0.19	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	3-Methylphenol/4-Methylphenol Coelution	1.5	ND	14	22.5	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	4-Chloroaniline	0.057	ND	6.76	11.3	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	Benzo(a)pyrene	0.49	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	bis-(2-Chloroethyl)ether	0.0022	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	Dibenzo(a,h)anthracene	0.49	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	Hexachlorobenzene	0.047	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	Hexachlorobutadiene	0.12	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	Hexachlorocyclopentadiene	1.3	ND	9.02	15.8	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	Hexachloroethane	0.21	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	Isophorone	3.1	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	Nitrobenzene	0.094	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	n-Nitrosodimethylamine	0.000053	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	n-Nitrosodi-n-propylamine	0.0011	ND	3.52	5.64	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO7-C06	1118985003	1118985	SW8270	Pentachlorophenol	0.047	ND	28	45.1	mg/kg	E	20	Interference with internal standards
11TAKU-B08-SO8-C15	1118985014	1118985	OCPSTSM	alpha-BHC	0.0064	ND	0.0506	0.0809	mg/kg	E	50	Interference with internal standards
11TAKU-B08-SO8-C15	1118985014	1118985	OCPSTSM	beta-BHC	0.022	ND	0.0506	0.0809	mg/kg	E	50	Interference with internal standards
11TAKU-B08-SO8-C15	1118985014	1118985	OCPSTSM	Dieldrin	0.0076	ND	0.0668	0.108	mg/kg	E	50	Interference with internal standards
11TAKU-B08-SO8-C15	1118985014	1118985	OCPSTSM	gamma-BHC (Lindane)	0.0095	ND	0.0506	0.0809	mg/kg	E	50	Interference with internal standards
11TAKU-B08-SO8-C15	1118985014	1118985	OCPSTSM	Heptachlor epoxide	0.014	ND	0.0668	0.108	mg/kg	E	50	Interference with internal standards
11TAKU-B08-SO9-C16	1118985015	1118985	OCPSTSM	alpha-BHC	0.0064	ND	0.0095	0.0152	mg/kg	E	10	Interference with internal standards
11TAKU-B08-SO9-C16	1118985015	1118985	OCPSTSM	Dieldrin	0.0076	ND	0.0126	0.0203	mg/kg	E	10	Interference with internal standards
11TAKU-B49-SO-W01	28021-1	580-28021-1	SW8015B	Ethylene glycol	190	ND	350	2700	mg/kg	E	500	High target concentration
11TAKU-B49-SO-W02	28021-2	580-28021-1	SW8015B	Ethylene glycol	190	ND	380	2900	mg/kg	E	500	High target concentration

Notes:
ND = nondetect
LOD = limit of detection
LOQ = limit of quantitation
mg/kg= milligrams per kilogram
For additional definitions, refer to the Data Quality Assessment

Table B-2-10

2011 Former Communications Site Construction Support - B49 Area Laboratory Results (Re-analysis due to QC failures)

					Location ID:	B49-C01	B49-C02	B49-C03
					Sample ID:	11TAKU-B49-SO10-C01	11TAKU-B49-SO10-C02	11TAKU-B49-SO10-C03
					Lab Sample ID:	28045-1	28045-2	28045-3
					Matrix:	SO	SO	SO
					Sample Date/Time:	8/16/2011 1515	8/16/2011 1522	8/16/2011 1522
					Lab ID:	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Duplicate
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**			
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.03] JH	ND [0.032] JH	ND [0.029] JH
SW8260	67-64-1	Acetone	mg/kg	88		ND [0.3] JH	0.39 [0.43] J,JH	0.63 [0.39] JH
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.01] JH	ND [0.011] JH	ND [0.0097] JH
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg			ND [0.03] JH	ND [0.032] JH	ND [0.029] JH
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12		ND [0.03] JH	ND [0.032] JH	ND [0.029] JH
SW8260	91-20-3	Naphthalene	mg/kg	20		ND [0.03] JH	ND [0.032] JH	ND [0.029] JH
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg		0.000086	ND [0.15] JH	ND [0.16] JH	ND [0.15] JH

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008).

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation)

– = not analyzed

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is non-detect

BOLD = Exceeds ADEC Most Stringent Criteria

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

Table B-2-10
2011 Former Communications Site Construction Support - B49 Area Laboratory Results (Re-analysis due to QC failures)

					Location ID:	B49-C04	B49-C05	B49-C06	B49-TB
					Sample ID:	11TAKU-B49-SO9-C04	11TAKU-B49-SO9-C05	11TAKU-B49-SO9-C06	11TAKU-B49-TB02
					Lab Sample ID:	28045-4	28045-5	28045-6	28045-7
					Matrix:	SO	SO	SO	SO
					Sample Date/Time:	8/16/2011 1525	8/16/2011 1530	8/16/2011 1534	8/16/2011 0800
					Lab ID:	TATW	TATW	TATW	TATW
					QA/QC:	Primary	Primary	Primary	Trip Blank
Method	**CAS Number**	**Analyte**	**Units**	**ADEC Most Stringent U40[1]**	**EPA MCL Based SSL[2]**				
SW8260	120-82-1	1,2,4-Trichlorobenzene	mg/kg	0.85	0.2	ND [0.03] JH	ND [0.027] JH	ND [0.034] JH	ND [0.03] JH
SW8260	67-64-1	Acetone	mg/kg	88		ND [0.3] JH	ND [0.27] JH	ND [0.34] JH	ND [0.3] JH
SW8260	78-87-5	1,2-Dichloropropane	mg/kg	0.018	0.0017	ND [0.01] JH	ND [0.0091] JH	ND [0.011] JH	ND [0.01] JH
SW8260	87-61-6	1,2,3-Trichlorobenzene	mg/kg			ND [0.03] JH	ND [0.027] JH	ND [0.034] JH	ND [0.03] JH
SW8260	87-68-3	Hexachlorobutadiene	mg/kg	0.12		ND [0.03] JH	ND [0.027] JH	ND [0.034] JH	ND [0.03] JH
SW8260	91-20-3	Naphthalene	mg/kg	20		ND [0.03] JH	ND [0.027] JH	ND [0.034] JH	ND [0.03] JH
SW8260	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg		0.000086	ND [0.15] JH	ND [0.14] JH	ND [0.17] JH	ND [0.15] JH

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008).

[2] EPA Region 9 PRGs (EPA May 2010)

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation)

– = not analyzed

[ ] = limit of quantitation (LOQ) if analyte is detected

[ ] = limit of detection (LOD) if analyte result is non-detect

BOLD = Exceeds ADEC Most Stringent Criteria

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

SO - Soil

TATW-Test America Tacoma, Washington

ATTACHMENT B-3

Alaska Department of Conservation Laboratory Data Review Checklists

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 12/28/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: SGS, Anchorage, AK Laboratory Report Number: 1118819

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "The Twelve" Fairbanks temp blank = 0.0°C; Anchorage temp blank = 1.9°C

      b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260 and SW8270 that have LODs greater than the cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for 1,1,2,2-Tetrachloroethane, 1,2,3-Trichloropropane, 1,2-Dibromoethane, 1,2-Dichloroethane, 1,2-Dichloropropane, Methylene chloride, Vinyl chloride, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, bis-(2-Chloroethyl)ether, n-Nitrosodimethylamine, n-Nitrosodi-n-propylamine, and Pentachlorophenol are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. <u>QC Samples</u>
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☐Yes ☐ No ☑NA (Please explain.) Comments:

All method blank results were less than ½ LOQ.

v. Data quality or usability affected? (Please explain.)

Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑No ☐NA (Please explain.) Comments:

SW6020: The metals batch did not include a laboratory duplicate on a sample from this SDG.
SW7471: The mercury batch did not include a laboratory duplicate on a sample from this SDG.
SW2540: The percent moisture batch did not include a LCS or a laboratory duplicate on a sample from this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☐Yes ☐No ☑NA (Please explain.) Comments:

All %Rs and RPDs were within acceptable criteria.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five. **OCPSTSM:** Surrogates, 2-Fluorobiphenyl and Terphenyl-d14 in sample 11TAKU-B08-SO2-W02 were recovered above acceptable criteria. All associated analytes were nondetect except 4,4'-DDD and 4,4'-DDT.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☑Yes ☐ No ☐ NA (Please explain.) Comments:

Results for 4,4'-DDD and 4,4'-DDT in sample 11TAKU-B08-SO2-W02 were qualified JS+ to indicate the result may be biased high.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

Sample results for 4,4'-DDD and 4,4'-DDT were well below ADEC Most Stringent Criteria, therefore the affect is minimal and the results are usable.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☑Yes ☐ No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates.

ii. Submitted blind to lab?

☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 12/29/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: SGS, Anchorage, AK Laboratory Report Number: 1118873

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Strawberry" Fairbanks temp blank = 1.0°C; Anchorage temp blank = 3.8°C

      b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the Fairbanks laboratory less than 2°C with no evidence of freezing.

Sample time on container 11TAKU-B08-SO7-C02 did not match the CoC. The sample time on the CoC was correct.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the Fairbanks laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

The correct time on the CoC for sample 11TAKU-B08-SO7-C02 was used by the laboratory at login, therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional discrepancies, errors, and /or QC failures identified by the lab include:

A couple of CCV's were recovered high for methods OCPSTSM (Endrin) and SW8260 (Chloromethane, Trichlorofluoromethane).

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

A couple of CCV's were recovered high for methods OCPSTSM (Endrin) and SW8260 (Chloromethane, Trichlorofluoromethane). All associated samples results were nondetect, therefore data quality/usability were not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods OCPSTSM, SW8260B, and SW8270 that have LODs greater than criteria. See Attachment B-2 Table 8 and Table 9 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8 and Table 9.

   e. Data quality or usability affected?

OCPSTSM: LOD's were elevated because samples required dilutions due to matrix interference with internal standards.

SW8260/SW8270: Several samples required dilutions due to interferences or dark extracts which elevated their LOD's. ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?
Comments:

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☐Yes ☐ No ☑NA (Please explain.) Comments:

All method blank results were less than ½ LOQ.

v. Data quality or usability affected? (Please explain.)
Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
☐Yes ☑No ☐NA (Please explain.) Comments:

SW6020/SW7471: The batches did not contain a project specific sample duplicate. Project specific MS/MSD samples were analyzed to show precision.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)
☐Yes ☑ No ☐NA (Please explain.) Comments:

LCS: SVOC: Batch XMS6236/XXX25731: The recovery for benzoic acid (0%, 10 – 110%) was less than the LCL. The nondetect results for benzoic acid in the associated samples were qualified as rejected ("R"). MS and MSD samples were only evaluated if the sample dilution factor was less than five.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from

LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

MS and MSD samples were only evaluated if the sample dilution factor was less than five.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☐No ☐NA (Please explain.) Comments:

SVOC: The nondetect results for benzoic acid in batch Batch XMS6236/XXX25731 have been qualified as rejected ("R") due to the 0 percent LCS recovery.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

The results qualified as rejected ("R") are not usable.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five. **AK101:** Surrogate, 4-Bromofluorobenzene in sample 11TAKU-B08-SO6-C01 was recovered above acceptable criteria.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☑Yes ☐ No ☐ NA (Please explain.) Comments:

Results for gasoline range organics (GRO) in sample 11TAKU-B08-SO6-C01 was qualified "JS+" to indicate the result may be biased high.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

Sample result for GRO was well below ADEC Most Stringent Criteria, therefore the affect is minimal.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
☐Yes ☑ No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

SW8260: Trichlorofluoromethane was detected in trip blank 11TAKU-B08-TB02 at 0.0807 mg/kg, above the LOQ.

iv. If above PQL, what samples are affected?
Comments:

All associated sample results for trichlorofluoromethane were nondetect, therefore samples were not affected.

v. Data quality or usability affected? (Please explain.)
Comments:

Data quality or usability were not affected.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates.

ii. Submitted blind to lab?

☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 1/31/12

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 1118985

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Luscious" temp blank = 0.8°C; Cooler temp = 4.8°C

      b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

Sample time on container 11TAKU-B08-SO7-C05 did not match the CoC. The sample time on the CoC was correct.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

The correct time on the CoC for sample 11TAKU-B08-SO7-C05 was used by the laboratory at login, therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional discrepancies, errors, and /or QC failures identified by the lab include:

SW8260: Benzidine was recovered high in the CCV.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

SW8260: Benzidine was recovered high in the CCV. All associated sample results were nondetect; therefore data quality/usability were not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against the corresponding ADEC cleanup levels. There are multiple analytes in methods OCPSTSM, SW8260, SW8270 and 8270SIM that have LODs greater than ADEC cleanup levels. See Attachment B-2 Table 8 and Table 9 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8 or Table 9.

e. Data quality or usability affected?

OCPSTSM: LOD's were elevated because samples required dilutions due to matrix interference with internal standards.

SW8270: LOD's were elevated in samples 11TAKU-B08-SO7-C05 and 11TAKU-B08-SO7-C06 because samples required dilutions due to matrix interference with internal standards. ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

SW8260: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

8270SIM: LOD's were elevated because samples required dilutions due to matrix interference with internal standards.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☐Yes ☑No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

SW**8260:** 1,3,5-Trimethylbenzene, 4-Isopropyltoluene, Benzene, Isopropylbenzene, n-Propylbenzene, o-Xylene, sec-Butylbenzene, tert-Butylbenzene and Toluene were detected greater than ½ LOQ.

SW**8270SIM:** 2-Methylnaphthalene and Naphthalene were detected greater than ½ LOQ.

      iii. If above PQL, what samples are affected?
      Comments:

SW**8260:** 1,3,5-Trimethylbenzene, 4-Isopropyltoluene, Benzene, Isopropylbenzene, n-Propylbenzene, o-Xylene, sec-Butylbenzene, tert-Butylbenzene and Toluene were detected greater than ½ LOQ. All associated sample results were nondetect and therefore not affected.

SW**8270SIM:** 2-Methylnaphthalene and Naphthalene were detected greater than ½ LOQ. ll associated sample results were nondetect and therefore not affected.

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

All associated sample results were nondetect and therefore not affected.

      v. Data quality or usability affected? (Please explain.)
      Comments:

   b. Laboratory Control Sample/Duplicate (LCS/LCSD)

      i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑No ☐NA (Please explain.) Comments:

SW6020/SW7471: The batches did not contain a project specific sample duplicate. A project specific MS/MSD were analyzed to show precision.

A2540G: The batch did not contain a LCS or a project specific sample duplicate. A project specific MS/MSD were analyzed to show precision.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS/LCSD %R -
SW8260: Carbon disulfide and Xylene, Isomers m & p were recovered high in the LCS.
SW8270: Dim Benzo(g,h,i)perylene was recovered high in the LCS.

MS/MSD %R –
SW8270: In parent sample 11TAKU-B08-SO6-C08, Benzo(g,h,i)perylene was recovered high in the MS and MSD.

OCPSTSM: In parent sample 11TAKU-B08-SO6-C08, beta-BHC and Endosulfan I were recovered high in the MS and/or MSD.

OCPSTSM: In parent sample 11TAKU-B08-SO6-C08, Dieldrin was recovered high in the MS and low in the MSD.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD's -
OCPSTSM: In parent sample 11TAKU-B08-SO6-C08 the following analytes had RPD's greater than 30%:
Dieldrin – 144%
Endosulfan I – 31%
gamma-BHC (Lindane) – 36%

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS/LCSD %R -

SW8260: Carbon disulfide and Xylene, Isomers m & p were recovered high in the LCS. All associated sample results were nondetect and therefore not affected.

SW8270: Dim Benzo(g,h,i)perylene was recovered high in the LCS. All associated sample results were nondetect and therefore not affected.

MS/MSD %R –

SW8270: In parent sample 11TAKU-B08-SO6-C08, Benzo(g,h,i)perylene was recovered high in the MS and MSD. Associated sample result was nondetect and therefore not affected.

OCPSTSM: In parent sample 11TAKU-B08-SO6-C08, beta-BHC and Endosulfan I were recovered high in the MS and/or MSD. Associated sample results were nondetect and therefore not affected.

OCPSTSM: In parent sample 11TAKU-B08-SO6-C08, Dieldrin was recovered high in the MS and low in the MSD.

MS/MSD RPD's -

OCPSTSM: In parent sample 11TAKU-B08-SO6-C08 the following analytes had RPD's greater than 30%:

Dieldrin – 144%

Endosulfan I – 31%

gamma-BHC (Lindane) – 36%

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R –

OCPSTSM: In parent sample 11TAKU-B08-SO6-C08, Dieldrin was recovered high in the MS and low in the MSD. Associated sample result was qualified JM to indicate the result may be biased.

MS/MSD RPD's -

A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the samples were not qualified. However, the sample result for dieldrin was qualified JM for unacceptable MS/MSD recoveries.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

MS/MSD %R –

OCPSTSM: In parent sample 11TAKU-B08-SO6-C08, Dieldrin was recovered high in the MS and low in the MSD. Associated sample result was qualified JM to indicate the result may be biased. The sample result was nondetect and may be affected if biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐ No ☑ NA (Please explain.) Comments:

All surrogate recoveries with dilution factors less than five were within required QC limits.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

All trip blank results were less than ½ LOQ.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pairs were submitted with this SDG: 11TAKU-B08-SO7-C05/11TAKU-B08-SO7-C06 11TAKU-B08-SO12-C12/11TAKU-B08-SO12-C13

ii. Submitted blind to lab?

☑Yes ☐No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☑Yes ☐No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

All primary or duplicate sample results with at least one result above the LOQ had RPD's less than 50%.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment was used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 1/20/12

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-28577

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "The Haven" temp blank = 0.5°C; cooler temp = 5.7°C

      b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
☑Yes ☐No ☐NA (Please explain.) Comments:

e. Data quality or usability affected?

Comments:

6. <u>QC Samples</u>
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Method blank results were evaluated at ½ LOQ per project QAPP.

      iii. If above PQL, what samples are affected?
      Comments:

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      All method blank results were less than ½ LOQ.

      v. Data quality or usability affected? (Please explain.)
      Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R -

SW8151: The MS and/or MSD was recovered low for 2,4-DB, Dichlorprop, Pentachlorophenol, 2,4,5-TP (Silvex) and 4-Nitrophenol in parent sample 11TAKU-B08-SO1-W01.

SW8151: The MS was recovered high for Dicamba in parent sample 11TAKU-B08-SO1-W01

DoD QSM Requirement Failure -

MS and MSD were not submitted with this SDG, however the laboratory performed a MS/MSD on sample 11TAKU-B08-SO1-W01 for method SW8151. All other methods did not contain a project specific MS/MSD; therefore, DoD QSM requirements were not met. However, the MS/MSD frequency of 5% for the project was met in accordance with the approved Fort Wainwright Post Wide Work Plan.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD -

SW8151: 2,4-DB (106%), 4-Nitrophenol (37%), Dichlorprop (54%), Dinoseb (58%) and MCPA (2-Methyl-4-chlorophenoxy acetic acid) (32%) had poor MS/MSD precision (parent sample 11TAKU-B08-SO1-W01).

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

MS/MSD %R -
SW8151: The MS and/or MSD was recovered low for 2,4-DB, Dichlorprop, Pentachlorophenol, 2,4,5-TP (Silvex) and 4-Nitrophenol in parent sample 11TAKU-B08-SO1-W01.

SW8151: The MS was recovered high for Dicamba in parent sample 11TAKU-B08-SO1-W01. Associated sample result was non-detect and therefore not affected.

MS/MSD RPD -
SW8151: 2,4-DB (106%), 4-Nitrophenol (37%), Dichlorprop (54%), Dinoseb (58%) and MCPA (2-Methyl-4-chlorophenoxy acetic acid) (32%) had poor MS/MSD precision (parent sample 11TAKU-B08-SO1-W01).

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R -
S**W8151:** The MS and/or MSD was recovered low for 2,4-DB, Dichlorprop, Pentachlorophenol, 2,4,5-TP (Silvex) and 4-Nitrophenol in parent sample 11TAKU-B08-SO1-W01. Associated sample results were qualified "JM-" to indicate the results may be biased low.

MS/MSD RPD – A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the sample was not qualified.
SW8151: 2,4-DB (106%), 4-Nitrophenol (37%), Dichlorprop (54%), Dinoseb (58%) and MCPA (2-Methyl-4-chlorophenoxy acetic acid) (32%) had poor MS/MSD precision (parent sample 11TAKU-B08-SO1-W01). The results were not qualified for poor MS/MSD precision. However, the results for 2,4-DB, 4-Nitrophenol and Dichlorprop were qualified "JM-" due to low MS/MSD recoveries.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

MS/MSD %R -
SW8151: The MS and/or MSD was recovered low for 2,4-DB, Dichlorprop, Pentachlorophenol, 2,4,5-TP (Silvex) and 4-Nitrophenol in parent sample 11TAKU-B08-SO1-W01. Associated sample results were qualified "JM-" to indicate the results may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five. **SW8151:** Surrogate, 2,4-Dichlorophenylacetic acid failed low in the MSD, parent sample 11TAKU-B08-SO1-W01.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☐Yes ☑No ☐NA (Please explain.) Comments:

SW8151: Surrogate, 2,4-Dichlorophenylacetic acid failed low in the MSD, parent sample 11TAKU-B08-SO1-W01. Because the matrix spike samples are not reported in the data table, the the result was not qualified.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

SW8151: Surrogate, 2,4-Dichlorophenylacetic acid failed low in the MSD, parent sample 11TAKU-B08-SO1-W01. Because the matrix spike samples are not reported in the data table, the the result was not qualified. Several QC results were recovered low, therefore the sample result may be biased low.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☐Yes ☐ No ☑NA (Please explain.) Comments:

Volatile analyses were not submitted with this SDG.

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☐Yes ☐ No ☑NA (Please explain.) Comments:

Volatile analyses were not submitted with this SDG.

iii. All results less than PQL?

☐Yes ☐No ☑NA (Please explain.) Comments:

Volatile analyses were not submitted with this SDG.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates.

ii. Submitted blind to lab?

☐Yes ☐No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

$$\text{RPD (\%)} = \text{Absolute value of: } \frac{(R_1 - R_2)}{((R_1 + R_2)/2)} \times 100$$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment was used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

NA

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 1/25/12

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-28771

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      Samples were transferred to Test America, Denver, CO for explosive analysis.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Apple" temp blank = 0.7°C; cooler temp = 6.5°C

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☑Yes ☐ No ☐NA (Please explain.) Comments:

Upon arrival at the laboratory the temp blank was less than 2°C and the ambient cooler temp was slightly above 6°C.

Sample time on container 11TAKU-B38-SO3-C02 did not match the CoC. The sample time on the CoC was correct.

e. Data quality or usability affected? (Please explain.)

Comments:

Upon arrival at the laboratory the temp blank was less than 2°C with no evidence of freezing. The ambient cooler temp was slightly above 6°C. Because the samples were soil, the impact is minimal.

The correct time on the CoC was used by the laboratory at login, therefore there was no effect on the data quality or usability.

4. Case Narrative

a. Present and understandable?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☐Yes ☑No ☐NA (Please explain.) Comments:

Results for method SW8321, sample 11TAKU-B08-SO7-C02 were qualified JH due to extraction and analysis occurring past the hold time, but within two times the hold time. The sample was extracted and analyzed within hold time for explosives by method SW8330, but showed strong evidence of sample interferences. The Jacobs chemist requested analysis by SW8321 to verify the exceedance for 2-Amino-4,6-dinitrotoluene may have been a false positive.

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against the corresponding ADEC cleanup levels. There are multiple analytes for methods SW8321 and SW8330 that have LODs greater than criteria. The sample analyzed by method SW8321 was rejected due to hold time exceedance. See Attachment B-2 Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8330: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Method blank results were evaluated at ½ LOQ per project QAPP.

      iii. If above PQL, what samples are affected?
      Comments:

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      All method blank results were less than ½ LOQ.

      v. Data quality or usability affected? (Please explain.)
      Comments:

   b. Laboratory Control Sample/Duplicate (LCS/LCSD)

      i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples for Metals/Inorganics were not submitted with this SDG.

      iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)
      ☐Yes ☑No ☐NA (Please explain.) Comments:

      MS/MSD %R -
      SW8321: MS was recovered low for 2,4,6-Trinitrotoluene in sample 11TAKU-B08-SO7-C02.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

MS/MSD %R -
SW8321: MS was recovered low for 2,4,6-Trinitrotoluene in sample 11TAKU-B08-SO7-C02.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☐No ☐NA (Please explain.) Comments:

MS/MSD %R -
SW8321: MS was recovered low for 2,4,6-Trinitrotoluene in sample 11TAKU-B08-SO7-C02. The sample was qualified R because it was rejected due to hold time exceedance.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

MS/MSD %R -
SW8321: MS was recovered low for 2,4,6-Trinitrotoluene in sample 11TAKU-B08-SO7-C02. The sample was qualified R because it was rejected due to hold time exceedance. Sample 11TAKU-B08-SO7-C02 was analyzed by method SW8330 within hold time. The sample results for SW8321 were only used as a verification that the exceedance for 2-Amino-4,6-dinitrotoluene may have been a false positive. The effect on data is minimal.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8330: Surrogate, 1,2-Dinitrobenzene was recovered high in sample 11TAKU-B08-SO7-C02.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☑Yes ☐ No ☐ NA (Please explain.) Comments:

SW8330: Surrogate, 1,2-Dinitrobenzene was recovered high in sample 11TAKU-B08-SO7-C02. All sample results were nondetect except 2-Amino-4,6-dinitrotoluene and Methyl-2,4,6-trinitrophenylnitramine. Detected results were qualified JS+ to indicate possible high bias.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

SW8330: Results for 2-Amino-4,6-dinitrotoluene exceeded ADEC cleanup criteria and appeared to be biased high due to matrix interferences. Jacobs requested the sample be re-analyzed by method SW8321 and the result was nondetect. Unfortunately, the results for SW8321 were rejected because the sample was run past 2X hold time. Data quality and usablility were affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

All trip blank results were less than ½ LOQ.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pair was submitted with this SDG: 11TAKU-B38-SO3-C01 /11TAKU-B38-SO3-C02

ii. Submitted blind to lab?
☑Yes ☐No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☑Yes ☐No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

All primary or duplicate sample results with at least one result above the LOQ had RPD's less than 50%.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment was used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

NA

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 1/26/12

CS Report Name: Taku Gardens Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-29176-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      Samples were transferred to Test America, Denver, CO for explosive analysis.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Cooler "Avacado" temp blank = 4.2°C; cooler temp = 4.6°C

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

Sample time on container 11TAKU-B08-SO6-C08 did not match the CoC. The sample time on the CoC was correct.

e. Data quality or usability affected? (Please explain.)
Comments:

The correct time on the CoC was used by the laboratory at login, therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against the corresponding ADEC cleanup levels. Analytes 2,4-Dinitrotoluene and 2,6-Dinitrotoluene, method SW8321 have LODs greater than cleanup criteria. See Attachment B-2 Table 8 for a list of associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8321: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☐Yes ☐ No ☑NA (Please explain.) Comments:

All method blank results were less than ½ LOQ.

v. Data quality or usability affected? (Please explain.)

Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Metals/Inorganics were not submitted with this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R -

SW8151: In parent sample 11TAKU-B08-SO2-C24, dichlorprop and pentachlorophenol were recovered low in the MS and/or MSD. In parent sample 11TAKU-B08-SO6-C08, dicamba, dichlorprop, MCPA and pentachlorophenol were recovered low in the MS and/or MSD.

SW8321: The recovery for 2,4,6-trinitrotoluene was less than the lower control limit in the MSD sample analyzed on sample 11TAKU-B08-SO6-C-08.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD -

SW8321A: The RPD of MS/MSD (parent sample 11TAKU-B08-SO2-C24) for 4-Amino-2,6-dinitrotoluene was 36%.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

MS/MSD %R -
SW8151: In sample 11TAKU-B08-SO2-C24, dichlorprop and pentachlorophenol was recovered low in the MA and/or MSD. In sample 11TAKU-B08-SO6-C08, dicamba, dichlorprop, MCPA and pentachlorophenol were recovered low in the MS and/or MSD.

SW8321A: Sample 11TAKU-B08-SO6-C08, 2,4,6-Trinitrotoluene was recovered below the lower control limit in the MSD.

MS/MSD RPD
SW8321A: The RPD of MS/MSD (parent sample 11TAKU-B08-SO2-C24) for 4-Amino-2,6-dinitrotoluene was 36%.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☐No ☐NA (Please explain.) Comments:

MS/MSD %R -
SW8151: The result for dichlorprop and pentachlorophenol in sample 11TAKU-B08-SO2-C24 and the results for dicamba, dichlorprop, MCPA and pentachlorophenol in sample 11TAKU-B08-SO6-C08 were qualified "JM-" to indicate a possible low bias.

SW8321: The result for 2,4,6-trinitrotoluene in sample 11TAKU-B08-SO6-C08 was qualified as estimated with a possible low bias ("JM-") due to the low MSD recovery.

MS/MSD RPD
SW8321A: The RPD of MS/MSD (parent sample 11TAKU-B08-SO6-C08) for 4-Amino-2,6-dinitrotoluene was 36%. A data qualifier is not defined for poor MS/MSD precision in the project QAPP. Therefore, the parent sample is not qualified for poor MS/MSD precision.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

MS/MSD %R -
SW8151: The results for dichlorprop and pentachlorophenol in sample 11TAKU-B08-SO2-C24 and the results for dicamba, dichlorprop, MCPA and pentachlrophenol in sample 11TAKU-B08-SO6-C08 were qualified "JM-" to indicate possible low bias. An ADEC cleanup criteria is not available for these analytes and all sample results were nondetect. Therefore, data usability is minimally affected.

SW8321: The data result for 2,4,6-trinitrotoluene in sample 11TAKU-B08-SO6-C08 is unaffected by the low MSD recovery. The MS recovery was in control, as was the LCS and the LOD is lower than the ADEC limit by an order of magnitude, so any introduced bias would not likely impact results at the ADEC limit.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐ No ☑ NA (Please explain.) Comments:

All surrogate recoveries with dilution factors less than five were within required QC limits.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

All trip blank results were less than ½ LOQ.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pairs were submitted with this SDG: 11TAKU-B08-SO7-C05/11TAKU-B08-SO7-C06 11TAKU-B08-SO12-C12/11TAKU-B08-SO12-C13

ii. Submitted blind to lab?

☑Yes ☐No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☑Yes ☐No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

All primary or duplicate sample results with at least one result above the LOQ had RPD's less than 50%.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment was used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 1/30/12

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-29621

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑No ☐NA (Please explain.) Comments:

      Cooler "Frankenstein" temp blank = 3.7°C; cooler temp = 1.4°C

      b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☐Yes ☐ No ☑NA (Please explain.) Comments:

There were not any discrepancies.

e. Data quality or usability affected? (Please explain.)
Comments:

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional discrepancies, errors, and /or QC failures identified by the lab include:

CCV %R -
AK103: CCV was recovered high for residual range organics (RRO). Sample results with detections were qualified "JC+" to indicate possible high bias. Samples effected were 11TAKU-B08-SB03-C32, 11TAKU-B08-SB04-C35, and 11TAKU-B08-SB04-C36. See Attachment B-2 Table 6 for a list of samples affected by failing analytes in the CCV's.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

CCV %R -
AK103: CCV was recovered high for residual range organics (RRO). Sample results with detections were qualified "JC+" to indicate possible high bias. Associated samples were 11TAKU-B08-SB03-C32, 11TAKU-B08-SB04-C35, and 11TAKU-B08-SB04-C36. All sample results were significantly less than the ADEC cleanup level. Therefore data usability was not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against the corresponding ADEC cleanup levels. Analytes 1,2,3-Trichloropropaneand 1,2-Dibromoethane, 1,2-Dichloroethane, Chloromethane and Methylene chloride by method SW8260 have LODs greater than criteria. See Attachment B-2 Table 8 for a list of associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

   e. Data quality or usability affected?

SW8260: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☐Yes ☐ No ☑NA (Please explain.) Comments:

All method blank results were less than ½ LOQ.

v. Data quality or usability affected? (Please explain.)

Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Metals/Inorganics were not submitted with this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☐Yes ☐No ☑NA (Please explain.) Comments:

All %R and RPDs met criteria.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five. **SW8260:** Surrogate, a,a,a-Trifluorotoluene was recovered low in sample 11TAKU-B08-SB03-C34.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☑ No ☐NA (Please explain.) Comments:

SW8260: Surrogate, a,a,a-Trifluorotoluene was recovered low in sample 11TAKU-B08-SB03-C34 and the results were not qualified. Results were qualified as estimated with a possible low bias (“JS-”) due to the low surrogate recovery.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

Data usability was not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)
Comments:

All trip blank results were less than ½ LOQ.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pairs were submitted with this SDG:
11TAKU-B08-SB02-C29/ 11TAKU-B08-SB02-C30
11TAKU-B08-SB04-C35/ 11TAKU-B08-SB04-C36

ii. Submitted blind to lab?

☑Yes ☐No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☑Yes ☐No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

All primary or duplicate sample results with at least one result above the LOQ had RPD's less than 50%.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment was used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 1/31/12

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-27865

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Luscious" temp blank = 0.8°C; Cooler temp = 4.8°C

      b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The case narrative indicated that the VOC samples had signs of "significant" methanol leakage.

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability. The recoveries for the field surrogate TFT were acceptable in the samples that had signs of methanol leakage, and the narrative (and cooler receipt checklists) did not indicate that the soil in the sample containers had been exposed (i.e., the sample was still adequately covered or preserved with the methanol). While the sample containers may not have been air tight, the VOC compounds should be dissolved in the methanol and not present in the headspace of the sample container. Therefore, despite the evidence for leakage, the data usability and quality is not affected.

4. <u>Case Narrative</u>

a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional discrepancies, errors, and /or QC failures identified by the lab include: **SW8260:** Benzidine was recovered high in the CCV.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

SW8260: Benzidine was recovered high in the CCV. All associated sample results were nondetect; therefore data quality/usability were not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against the corresponding ADEC cleanup levels. There are multiple analytes in methods SW8260 and SW8270 that have LODs greater than ADEC cleanup levels. See Attachment B-2 Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

   e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
☐Yes ☑No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

SW**8270:** Phenanthrene was detected greater than ½ LOQ at 0.017 mg/kg.

SW8270SIM: MB 580-92291/1A – Benzo(g,h,i)perylene detected at 0.00156 J mg/kg

iii. If above PQL, what samples are affected?
Comments:

SW8270: Phenanthrene was detected greater than ½ LOQ at 0.017 mg/kg. All associated samples were nondetect except 11TAKU-B24-SO3-C02 (0.011 mg/kg), 11TAKU-B24-SO3-C05 (0.0065 mg/kg) and 11TAKU-B24-SO3-C06 (0.0086 mg/kg).

SW8270SIM: Benzo(g,h,i)perylene was detected in sample 11TAKU-B24-SO3-C01 (0.0099 mg/kg), 11TAKU-B24-SO3-C02 (0.0097 mg/kg), 11TAKU-B24-SO4-C04 (0.0023 J mg/kg), 11TAKU-B24-SO3-C06 (0.0092 mg/kg) and 11TAKU-B24-SO3-C07 (0.0027 J mg/kg)

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☑Yes ☐ No ☐NA (Please explain.) Comments:

SW8270: Samples 11TAKU-B24-SO3-C02 (0.011 mg/kg), 11TAKU-B24-SO3-C05 (0.0065 mg/kg) and 11TAKU-B24-SO3-C06 (0.0086 mg/kg) were qualified B to indicate phenanthrene was also present in the method blank. The phenanthrene detections in these samples are most likely due to laboratory contamination.

SW8270SIM: The results for benzo(g,h,i)perylene in samples 11TAKU-B24-SO4-C03 and 11TAKU-B24-SO3-C07 were qualified with a B because the values were less than five times the method blank concentrations.

v. Data quality or usability affected? (Please explain.)
Comments:

SW8270: Phenanthrene was detected greater than ½ LOQ at 0.017 mg/kg. All associated samples were nondetect except 11TAKU-B24-SO3-C02 (0.011 mg/kg), 11TAKU-B24-SO3-C05 (0.0065 mg/kg) and 11TAKU-B24-SO3-C06 (0.0086 mg/kg). All phenanthrene results were significantly lower than the ADEC cleanup level; therefore data is fully usable.

SW8270SIM: All benzo(g,h,i)perylene results were significantly less than the ADEC cleanup level; there is no impact to the data usability.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑No ☐NA (Please explain.) Comments:

E160.3 Moisture: The batch did not contain a LCS.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS/LCSD %R -
SW8260: Acetone was recovered high in the LCS and LCSD.

SW8270: Dimethyl phthalate was recovered high in the LCS.

MS/MSD %R –
AK101: Gasoline Range organics (GRO) was recovered low in the MSD.

SW8260: Acetone was recovered high in the MS and MSD.

SW8270: Benzidine was recovered at lower than the lower control limit on the MS/MSD samples performed on sample 11TAKU-B24-SO3-C05.

SW8151: 2,4,5-T was recovered high in the MS.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

The following RPDs failed precision criteria:
MS/MSD RPD's (parent sample 11TAKU-B24-SO3-C05):

AK101: Gasoline Range Organics – 37%
SW8260: 2-Hexanone – 31%, 4-Methyl-2-pentanone – 36%, Chloromethane – 40%, Methyl-tert-butyl ether (MTBE) – 35%, Vinyl chloride – 34%.
SW8270: Benzoic acid – 36%

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS %R -
SW8260: Acetone was recovered high in the LCS and LCSD. All sample results were nondetect except 11TAKU-B24-SO3-C05.

SW8270: Dimethyl phthalate was recovered high in the LCS. All associated sample results were nondetect; therefore not affected.

MS/MSD %R –
AK101: In parent sample, 11TAKU-B24-SO3-C05, gasoline range organics (GRO) was recovered low in the MSD.

SW8260: In parent sample, 11TAKU-B24-SO3-C05, acetone was recovered high in the MS and MSD.

SW8270: Benzidene was recovered below the lower acceptance limits in the MS/MSD samples associated with sample 11TAKU-B24-SO3-C05.

SW8151: 2,4,5-T was recovered high in the MS. Associated sample result was nondetect and therefore not affected.

MS/MSD RPD's -
The following RPDs failed precision criteria in parent sample 11TAKU-B24-SO3-C05:
AK101: Gasoline Range Organics – 37%
SW8260: 2-Hexanone – 31%, 4-Methyl-2-pentanone – 36%, Chloromethane – 40%, Methyl-tert-butyl ether (MTBE) – 35%, Vinyl chloride – 34%.
SW8270: Benzoic acid – 36%

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☑No ☐NA (Please explain.) Comments:

LCS %R –
SW8260: Acetone was recovered high in the LCS and LCSD. All sample results were nondetect except 11TAKU-B24-SO3-C05. The sample result was qualified JL+ to indicate the result may be biased high.

MS/MSD %R –
AK101: In parent sample, 11TAKU-B24-SO3-C05, gasoline range organics (GRO) was recovered low in the MSD. The associated sample result was qualified JM- to indicate the result may be biased low.

SW8260: In parent sample, 11TAKU-B24-SO3-C05, acetone was recovered high in the MS and MSD. The associated sample result was qualified JM+ to indicate the result may be biased high.

SW8270: The result for benzidine in sample 11TAKU-B24-SO3-C05 was recovered below the lower control limit in the MS/MSD samples. The result in the parent sample was qualified as estimated with a possible low bias (JM-).

MS/MSD RPD's -
A data qualifier due to poor MS/MSD precision is not defined in the project QAPP. Therefore, the sample was not qualified due to poor MS/MSD precision.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

LCS %R -
SW8260: Acetone was recovered high in the LCS and LCSD. All sample results were nondetect except 11TAKU-B24-SO3-C05. The sample result was qualified JL+ to indicate the result may be biased high. The acetone result was significantly lower than the ADEC cleanup level; therefore the data is fully usable.

MS/MSD %R –
AK101: In parent sample, 11TAKU-B24-SO3-C05, gasoline range organics (GRO) was recovered low in the MSD. The associated sample result was qualified JM- to indicate the result may be biased low. The sample result was nondetect and significantly lower than the ADEC cleanup level; therefore data is usable the effect is minimal.

SW8260: In parent sample, 11TAKU-B24-SO3-C05, acetone was recovered high in the MS and MSD. The associated sample result was qualified JM+ to indicate the result may be biased high. The sample result was nondetect and lower than the ADEC cleanup level; therefore data is usable the effect is minimal.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☐Yes ☐ No ☑ NA (Please explain.) Comments:

All surrogate recoveries with dilution factors less than five were within required QC limits.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

All trip blank results were less than ½ LOQ.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pairs were submitted with this SDG: 11TAKU-B24-SO4-C03/11TAKU-B24-SO4-C04

ii. Submitted blind to lab?
☑Yes ☐No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☑Yes ☐No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

All primary or duplicate sample results with at least one result above the LOQ had RPD's less than 50%.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment was used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/01/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-27820

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   Samples for SW8330, explosives analyses were transferred to Test America, West Sacramento, CA and assigned the SDG G1H060410.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

   Cooler "Hard Hat" temp blank = 0.8°C; cooler temp = 3.4°C
   West Sacramento temp blank = 0.7°C

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

Samples 11Taku-B27-SO01-C01, 11Taku-B27-SO04-C02 and 11Taku-B27-SO02-C05 submitted for SW8260 analyses showed evidence of methanol leakage during shipment.

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)

Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

Samples 11Taku-B27-SO01-C01, 11Taku-B27-SO04-C02 and 11Taku-B27-SO02-C05 submitted for SW8260 analyses showed evidence of methanol leakage during shipment. The recoveries for the field surrogate TFT were acceptable in the samples that had signs of methanol leakage, and the narrative (and cooler receipt checklists) did not indicate that the soil in the sample containers had been exposed (i.e., the sample was still adequately covered or preserved with the methanol). While the sample containers may not have been air tight, the VOC compounds should be dissolved in the methanol and not present in the headspace of the sample container. Therefore, despite the evidence for leakage, the data usability and quality is not affected. All sample results were less than the ADEC cleanup criteria except methylene chloride. Methylene chloride was also present in the trip blank greater than the LOD but less than ½ LOQ. The methylene chloride detections may be false positives or may be biased high.

4. <u>Case Narrative</u>

a. Present and understandable?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional discrepancies, errors, and /or QC failures identified by the lab include:

CCV %R -
SW8260: CCV was recovered high for 1,2,3-Trichlorobenzene and Carbon disulfide.
SW8270: CCV was recovered high for Benzidine.

c. Were all corrective actions documented?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

CCV %R -
SW8260: CCV was recovered high for 1,2,3-Trichlorobenzene and Carbon disulfide. All associated samples were nondetect; therefore data quality/usability were not affected.

SW8270: CCV was recovered high for Benzidine. All associated samples were nondetect; therefore data quality/usability were not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260B and SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table B-2-8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table B-2-8.

e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. <u>QC Samples</u>

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Results not above LOQ.

VOC: MB 580-92130: Methylene chloride detected at 0.0156 J mg/kg.

iii. If above PQL, what samples are affected?

Comments:

Results not above LOQ (PQL).

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☑Yes ☐ No ☐NA (Please explain.) Comments:

All detected results for methylene chloride in batch 580-92130 were qualified with a B due to the detection in the method blank.

v. Data quality or usability affected? (Please explain.)

Comments:

Data is usable. Results qualified with a B may be false positives or biased high. There is no indication that the methylene chloride is attributable to the site and is likely laboratory contamination.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑No ☐NA (Please explain.) Comments:

SW6020/SW7471: The batches did not contain a laboratory duplicate on this SDG. **E160.3 Moisture:** The batches did not contain a LCS or a laboratory duplicate on this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑ No ☐NA (Please explain.) Comments:

LCS %R - **SW8260:** The LCS and/or LCSD were recovered high for 1,2-dichloroethene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 2,2-dichloropropane, 2-butanone, acetone and carbon disulfide.**SW8260:** The LCSD was recovered low for 1,3-dichloropropane. **SW8270:** The LCS was recovered high for 1,3-dichlorobenzene, dimethyl phthalate and di-n-butyl phthalate. **SW8270:** Benzidine was recovered low in the LCS. **MS/MSD %R -** **SW8260:** The MS and MSD were recovered high for 1,1-dichloroethene and 1,2,3-trichlorobenzene in parent sample 11TAKU-B27-SO04-C02. **SW8270:** The MS and/or MSD were recovered high for 1,2-dichlorobenzene, 1,3-dichlorobenzene, carbon disulfide and dibenzofuran in parent sample 11TAKU-B27-SO04-C02. The MS/MSD results for benzidine in sample 11TAKU-B27-SO04-CO2 were recovered less than the lower control limit.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS %R -

SW8260: The LCS and/or LCSD were recovered high for 1,2-dichloroethene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 2,2-dichloropropane, 2-butanone, acetone and carbon disulfide. All associated sample results were nondetect except for acetone. Affected samples include 11TAKU-B27-SO01-C01, 11TAKU-B27-SO04-C02, 11TAKU-B27-SO04-C03, 11TAKU-B27-SO04-C04, 11TAKU-B27-SO02-C05, 11TAKU-B27-SO03-C06 and 11TAKU-B27-TB07.

SW8260: The LCSD was recovered low for 1,3-Dichloropropane. Affected samples include 11TAKU-B27-SO01-C01, 11TAKU-B27-SO04-C02, 11TAKU-B27-SO04-C03, 11TAKU-B27-SO04-C04, 11TAKU-B27-SO02-C05, 11TAKU-B27-SO03-C06 and 11TAKU-B27-TB07.

SW8270: The LCS recoveries for 1,3-dichlorobenzene, dimethyl phthalate and di-n-butyl phthalate were above their respective upper control limits in batch 580-92125. The LCS recovery for 1,3-dichlorobenzene was above its upper control limit in batch 580-92195.All associated sample results were nondetect and therefore not affected.

SW8270: Benzidine was recovered low in LCS 580-92125 (32%, 45 – 135) and LCS 580-92195 (26%, 45 – 135%). All associated samples were affected.

MS/MSD %R -

SW8260: The MS and MSD were recovered high for 1,1-dichloroethene and 1,2,3-trichlorobenzene in parent sample 11TAKU-B27-SO04-C02. Sample results were nondetect and therefore not affected.

SW8270: The MS and/or MSD were recovered high for 1,2-dichlorobenzene, 1,3-dichlorobenzene, carbon disulfide and dibenzofuran in parent sample 11TAKU-B27-SO04-C02. Sample results were nondetect and therefore not affected. Sample 11TAKU-B27-SO04-CO2 was affected by the low MS/MSD recoveries.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☐No ☐NA (Please explain.) Comments:

LCS %R -

SW8260: Acetone was recovered high in the LCS and LCSD. Affected samples include 11TAKU-B27-SO01-C01, 11TAKU-B27-SO04-C02, 11TAKU-B27-SO04-C03, 11TAKU-B27-SO04-C04, 11TAKU-B27-SO02-C05, 11TAKU-B27-SO03-C06 and 11TAKU-B27-TB07. All associated samples are qualified JL+ to indicate the results may be biased high.

SW8260: The LCSD was recovered low for 1,3-Dichloropropane. Affected samples include 11TAKU-B27-SO01-C01, 11TAKU-B27-SO04-C02, 11TAKU-B27-SO04-C03, 11TAKU-B27-SO04-C04, 11TAKU-B27-SO02-C05, 11TAKU-B27-SO03-C06 and 11TAKU-B27-TB07. All associated samples are qualified JL- to indicate the results may be biased low.

SW8270: Benzidine was recovered low in both LCS samples. All associated samples were affected, and the nondetect results were qualified JL- to indicate that the results may be biased low.

MS/MSD % R –

SW8270: The result for benzidine in sample 11TAKU-B27-SO04-C02 was qualified as estimated with a possible low bias (JL-) due to the low MS/MSD recoveries.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

LCS %R -
SW8260: Acetone was recovered high in the LCS and LCSD. Affected samples include 11TAKU-B27-SO01-C01, 11TAKU-B27-SO04-C02, 11TAKU-B27-SO04-C03, 11TAKU-B27-SO04-C04, 11TAKU-B27-SO02-C05, 11TAKU-B27-SO03-C06 and 11TAKU-B27-TB07. All associated samples were qualified JL+ to indicate the results may be biased high. All results were significantly lower the ADEC cleanup criteria; therefore data is usable.
SW8260: The LCSD was recovered low for 1,3-Dichloropropane. Affected samples include 11TAKU-B27-SO01-C01, 11TAKU-B27-SO04-C02, 11TAKU-B27-SO04-C03, 11TAKU-B27-SO04-C04, 11TAKU-B27-SO02-C05, 11TAKU-B27-SO03-C06 and 11TAKU-B27-TB07. All associated samples are qualified JL- to indicate the results may be biased low.

SW8270: Benzidine was recovered low in the LCS. Sample 11TAKU-B27-SO04-C02 was affected. The sample result was qualified JL- to indicated the result may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8270: Surrogate, 2-Fluorophenol in sample 11TAKU-B27-SO04-C02 was recovered above acceptable criteria.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☑ No ☐ NA (Please explain.) Comments:

SW8270: Surrogate, 2-Fluorophenol in sample 11TAKU-B27-SO04-C02 was recovered above acceptable criteria. Per project QAPP, qualifier is only necessary if two or more surrogates recoveries fail criteria.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

SW8270: Surrogate, 2-Fluorophenol in sample 11TAKU-B27-SO04-C02 was recovered above acceptable criteria. Per project QAPP, qualifier is only necessary if two or more surrogates recoveries fail criteria. Data usability was not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☐Yes ☑No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

SW8260: Acetone was detected greater than ½ LOQ in trip blank sample 11TAKU-B27-TB07. Methylene chloride was detected at 0.0011 J mg/kg (less than LOQ).

iv. If above PQL, what samples are affected?

Comments:

SW8260: Acetone was detected greater than ½ LOQ in trip blank sample 11TAKU-B27-TB07. Affected samples include 11TAKU-B27-SO01-C01, 11TAKU-B27-SO04-C02, 11TAKU-B27-SO04-C03, 11TAKU-B27-SO04-C04, 11TAKU-B27-SO02-C05 and 11TAKU-B27-SO03-C06. Methylene chloride was detected in all samples. Attachment B-2, Table B-2-2 all affected sample and results.

v. Data quality or usability affected? (Please explain.)

Comments:

SW8260: Acetone was detected greater than ½ LOQ in trip blank sample 11TAKU-B27-TB07. Affected samples include 11TAKU-B27-SO01-C01, 11TAKU-B27-SO04-C02, 11TAKU-B27-SO04-C03, 11TAKU-B27-SO04-C04, 11TAKU-B27-SO02-C05 and 11TAKU-B27-SO03-C06. Methylene chloride was detected in all samples. The affected sample results were qualified B to indicate that acetone and methylene chloride were also detected in the trip blank. All acetone results were significantly below the ADEC cleanup criteria; therefore data are fully usable. There is no evidence that methylene chloride was present at the site and is likely contributable to laboratory contamination. Attachment B-2, Table B-2-2 all affected sample and results.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pair was submitted with this SDG: 11TAKU-B27-SO04-C02/11TAKU-B27-SO04-C03

ii. Submitted blind to lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☑ No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ. **SW7471:** The RPD for mercury in duplicate pair, 11TAKU-B27-SO04-C02/11TAKU-B27-SO04-C03 was 52%. See Attachment B-2, Table B-2-7 for a list of RPD failures greater than 50%.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

SW7471: The RPD for mercury in duplicate pair, 11TAKU-B27-SO04-C02/11TAKU-B27-SO04-C03 was 52%. The sample results were qualified JD to indicate poor duplicate precision. Both results were less than the ADEC cleanup level; therefore data is still usable.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/01/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: SGS, Anchorage, AK Laboratory Report Number: 1118828

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Surprise" Fairbanks temp blank = 0.0°C; Anchorage temp blank = 1.7°C

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the Fairbanks and Anchorage laboratories less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260B and SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☐Yes ☐ No ☑NA (Please explain.) Comments:

All method blank results were less than ½ LOQ.

v. Data quality or usability affected? (Please explain.)

Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑ No ☐NA (Please explain.) Comments:

SW7471/SW6020: The batches did not contain a laboratory duplicate on this SDG.
A2540G: The batch did not contain an LCS or a laboratory duplicate on this SDG. A method blank and method blank duplicate were analyzed to show precision.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑ No ☐NA (Please explain.) Comments:

MS/MSD %R –
OCPSTSM:
Dieldrin was recovered high in the MS/MSD in sample 11TAKU-B38-S0O1-W01. The affected sample result was nondetect; therefore data is usable.

4,4'-DDD, 4,4'-DDT, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, Endosulfan I, Endrin ketone, gamma-Chlordane, gamma-BHC (Lindane) and Methoxychlor were all recovered low in the MS and/or MSD in sample 11TAKU-B38-S0O1-W01.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD –
OCPSTSM: Parent sample, 11TAKU-B38-S0O1-W01 did not meet MS/MSD precision standards with a RPD less than 30% for analytes 4,4'-DDD (56%), 4,4'-DDT (135%), alpha-Chlordane (166%), gamma-Chlordane (166%).

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

MS/MSD %R –
OCPSTSM:
4,4'-DDD. 4,4'-DDT, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, Endosulfan I, Endrin ketone, gamma-Chlordane, gamma-BHC (Lindane) and Methoxychlor were all recovered low in the MS and/or MSD in sample 11TAKU-B38-S0O1-W01.

MS/MSD RPD –
OCPSTSM: Parent sample, 11TAKU-B38-S0O1-W01 did not meet MS/MSD precision standards with a RPD less than 30% for analytes 4,4'-DDD (56%), 4,4'-DDT (135%), alpha-Chlordane (166%), gamma-Chlordane (166%).

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R –
OCPSTSM:
4,4'-DDD, 4,4'-DDT, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, Endosulfan I, Endrin ketone, gamma-Chlordane, gamma-BHC (Lindane) and Methoxychlor were all recovered low in the MS and/or MSD in sample 11TAKU-B38-S0O1-W01. All results affected were qualified "JM-" to indicate the result may be biased low.

MS/MSD RPD –
OCPSTSM: Parent sample, 11TAKU-B38-S0O1-W01 did not meet MS/MSD precision standards with a RPD less than 30% for analytes 4,4'-DDD (56%), 4,4'-DDT (135%), alpha-Chlordane (166%), gamma-Chlordane (166%). A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the sample was not qualified.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

MS/MSD %R –
OCPSTSM:
4,4'-DDD, 4,4'-DDT, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, Endosulfan I, Endrin ketone, gamma-Chlordane and Methoxychlor were all recovered low in the MS and/or MSD in sample 11TAKU-B38-S0O1-W01. All results affected were qualified "JM-" to indicate the result may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐ No ☑ NA (Please explain.) Comments:

All surrogate recoveries with dilution factors less than five were in control.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates.

ii. Submitted blind to lab?

☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration

R_2 = Field Duplicate Concentration

☐Yes ☐No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/06/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: SGS, Anchorage, AK Laboratory Report Number: 1118887

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Orange" Fairbanks temp blank = 0.1°C; Anchorage temp blank = 2.4°C

      b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

Sample time on container 11TAKU-B38-SO3-C02 did not match the CoC. The sample time on the CoC was correct.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the Fairbanks laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

The correct time on the CoC was used by the laboratory at login, therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional discrepancies, errors, and /or QC failures identified by the lab include:

OCPSTSM: CCV was recovered high for endrin.
SW8270: CCV was recovered high for benzyl alcohol.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

O**CPSTSM:** CCV was recovered high for endrin. Associated sample results were nondetect, therefore there is no effect on the data. **SW8270:** CCV was recovered high for benzyl alcohol. Associated sample results were nondetect, therefore there is no effect on the data.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260B and SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples. Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD. If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Method blank results were evaluated at ½ LOQ per project QAPP.

      iii. If above PQL, what samples are affected?
      Comments:

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      All method blank results were less than ½ LOQ.

      v. Data quality or usability affected? (Please explain.)
      Comments:

   b. Laboratory Control Sample/Duplicate (LCS/LCSD)

      i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      SW7471/SW6020: The batches did not contain a project specific sample duplicate. A project specific MS/MSD pair was analyzed to show precision.

      A2540G: The batch did not contain an LCS or a project specific sample duplicate. A project specific MS/MSD were analyzed to show precision.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑ No ☐NA (Please explain.) Comments:

LCS/LCSD %R –
OCPSTSM: Endrin and endrin ketone were recovered high in the LCS. Associated samples include 11TAKU-B38-SO3-C01, 11TAKU-B38-SO3-C02, 11TAKU-B38-SO1-C03 and 11TAKU-B38-SO2-C04. All sample results were nondetect and therefore not affected.

MS/MSD %R –
SW8260: MS and/or MSD in parent sample 11TAKU-B38-SO3-C01were recovered low for 1,2-Dibromoethane, n-Butylbenzene and 4-Isopropyltoluene.

AK103: The MS in parent sample 11TAKU-B38-SO3-C01 was recovered low for residual range organics.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD –
SW8260B: Parent sample, 11TAKU-B38-SO3-C01 did not meet MS/MSD precision standards with a RPD less than 30% for analytes 1,2-Dibromo-3-chloropropane (43%), 2-Butanone (32%), 2-Hexanone (35%) and 4-Methyl-2-pentanone (33%).

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

MS/MSD %R –
SW8260: MS and/or MSD in parent sample 11TAKU-B38-SO3-C01 were recovered low for 1,2-Dibromoethane, n-Butylbenzene and 4-Isopropyltoluene.

AK103: The MS in parent sample 11TAKU-B38-SO3-C01 was recovered low for residual range organics.

MS/MSD RPD –
SW8260B: Parent sample, 11TAKU-B38-SO3-C01 did not meet MS/MSD precision standards with a RPD less than 30% for analytes 1,2-Dibromo-3-chloropropane (43%), 2-Butanone (32%), 2-Hexanone (35%) and 4-Methyl-2-pentanone (33%).

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R –
SW8260: MS and/or MSD in parent sample 11TAKU-B38-SO3-C01were recovered low for 1,2-Dibromoethane, n-Butylbenzene and 4-Isopropyltoluene. Sample results were qualified JM- to indicate the result may be biased low.

AK103: The MS in parent sample 11TAKU-B38-SO3-C01 was recovered low for residual range organics. Sample result was qualified JM- to indicate the result may be biased low.

MS/MSD RPD –
SW8260B: Parent sample, 11TAKU-B38-SO3-C01 did not meet MS/MSD precision standards with a RPD less than 30% for analytes 1,2-Dibromo-3-chloropropane (43%), 2-Butanone (32%), 2-Hexanone (35%) and 4-Methyl-2-pentanone (33%). A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the sample was not qualified.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

MS/MSD %R –
SW8260: MS and/or MSD in parent sample 11TAKU-B38-SO3-C01were recovered low for 1,2-Dibromoethane, n-Butylbenzene and 4-Isopropyltoluene. Sample results were qualified JM- to indicate the result may be biased low. The sample result for n-Butylbenzene is significantly lower than ADEC cleanup criteria and data is usable. An ADEC cleanup level for 4-Isopropyltoluene is not available, so the affect on data is minimal. The sample result is nondetect for 1,2-Dibromoethane and it cannot be determined if the result exceeds ADEC cleanup criteria (Note: LOD is also greater than ADEC cleanup level).

AK103: The MS in parent sample 11TAKU-B38-SO3-C01 was recovered low for residual range organics (RRO). Sample result was qualified JM- to indicate the result may be biased low. The sample result for RRO is significantly lower than the ADEC cleanup criteria and data is usable.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8260: Surrogates 4-Bromofluorobenzene and Toluene-d8 were recovered low in sample 11TAKU-B38-SO1-C03.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☑Yes ☐ No ☐ NA (Please explain.) Comments:

SW8260: Surrogates 4-Bromofluorobenzene and Toluene-d8 were recovered low in sample 11TAKU-B38-SO1-C03. All SW8260 analyte results for sample 11TAKU-B38-SO1-C03 were qualified JS- to indicate results may be biased low.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

SW8260: Surrogates 4-Bromofluorobenzene and Toluene-d8 were recovered low in sample 11TAKU-B38-SO1-C03. All SW8260 sample results for sample 11TAKU-B38-SO1-C03 were qualified JS- to indicate results may be biased low. Benzene exceeded ADEC cleanup level and therefore data is usable. All other results with detections were significantly lower than ADEC cleanup and therefore still usable. Several sample results were nondetect and it cannot be determined if the result exceeds ADEC cleanup criteria (Note: LOD is also greater than ADEC cleanup level for several analytes).

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

Duplicate pair, 11TAKU-B38-SO3-C01/11TAKU-B38-SO3-C02 were submitted with this SDG.

ii. Submitted blind to lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☑No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ. Duplicate pair, 11TAKU-B38-SO3-C01/11TAKU-B38-SO3 had poor duplicate precision for the following analytes: **OCPSTSM:** 4,4'-DDT (70%) **SW8260B:** 1,3,5-Trimethylbenzene (160%), 4-Isopropyltoluene (174%), n-Butylbenzene (183%), sec-Butylbenzene (128%), and Trichloroethene (111%).

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

OCPSTSM/SW8260B: All results are significantly below the ADEC cleanup level and the effect is minimal except the results for Trichloroethene (TCE). The primary TCE result was above the ADEC cleanup level and the sample duplicate result was nondetect. The area was considered contaminated due to the exceedance and the soil was removed from the site. Data are considered usable.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/07/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: SGS, Anchorage, AK Laboratory Report Number: 1118927

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Mango" Fairbanks temp blank = 5.0°C; Anchorage temp blank = 1.7°C

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

Sample time on container 11TAKU-B38-SO2-C07 did not match the CoC. The sample time on the CoC was correct.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the Anchorage laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

The correct time on the CoC was used by the laboratory at login, therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional discrepancies, errors, and /or QC failures identified by the lab include:

OCPSTSM: CCV was recovered high for endrin, endosulfan sulfate, and endrin ketone.
SW8260: CCV was recovered high for methylene chloride.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

O**CPSTSM:** CCV was recovered high for endrin, endosulfan sulfate, and endrin ketone. Associated sample results were nondetect, therefore there is no effect on the data. **SW8260:** CCV was recovered high for methylene chloride. Associated sample results were nondetect except samples 11TAKU-B38-SO1-C06 and 11TAKU-B38-SO3-C10. The affected sample results were qualified JC+ to indicate possible high bias. The data is usable, but affected because the methylene chloride results exceeded the ADEC cleanup level.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260B and SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples. Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD. If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Method blank results were evaluated at ½ LOQ per project QAPP.

      iii. If above PQL, what samples are affected?
      Comments:

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      All method blank results were less than ½ LOQ.

      v. Data quality or usability affected? (Please explain.)
      Comments:

   b. Laboratory Control Sample/Duplicate (LCS/LCSD)

      i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      SW7471/SW6020: The batches did not contain a project specific sample duplicate. A project specific MS/MSD were analyzed to show precision.

      A2540G: The batch did not contain a LCS or a project specific sample duplicate. A project specific MS/MSD were analyzed to show precision.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑ No ☐NA (Please explain.) Comments:

LCS/LCSD %R –
OCPSTSM: Endrin ketone was recovered high in the LCS. Associated samples include 11TAKU-B38-SO1-C05, 11TAKU-B38-SO1-C06, 11TAKU-B38-SO2-C07, 11TAKU-B38-SO2-C08, 11TAKU-B38-SO2-C09, 11TAKU-B38-SO3-C10, 11TAKU-B38-SO4-C11, 11TAKU-B38-SO4-C12, 11TAKU-B38-SO4-C13, 11TAKU-B38-SO4-C14 and 11TAKU-B38-SO4-C15. All sample results were nondetect and therefore not affected.

MS/MSD %R –
OCPSTSM The MS and/or MSD in parent sample 11TAKU-B38-SO4-C12 recovered low for 4,4'-DDT, Endrin, Endrin ketone , Heptachlor and Methoxychlor.

SW8260B: The MS in parent sample 11TAKU-B38-SO4-C12 was recovered low for 1,2-Dibromoethane.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD –
SW8260B: Parent sample, 11TAKU-B38-SO4-C12 did not meet MS/MSD precision standards with a RPD less than 30% for analytes 1,2-Dibromo-3-chloropropane (47%), 1,2-Dibromoethane (31%) and 2-Hexanone (36%).

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

MS/MSD %R –
OCPSTSM The MS and/or MSD in parent sample 11TAKU-B38-SO4-C12 recovered low for 4,4'-DDT, Endrin, Endrin ketone , Heptachlor and Methoxychlor.

SW8260B: The MS in parent sample 11TAKU-B38-SO4-C12 was recovered low for 1,2-Dibromoethane.

MS/MSD RPD –
SW8260B: Parent sample, 11TAKU-B38-SO4-C12 did not meet MS/MSD precision standards with a RPD less than 30% for analytes 1,2-Dibromo-3-chloropropane (47%), 1,2-Dibromoethane (31%) and 2-Hexanone (36%).

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R –
OCPSTSM The MS and/or MSD in parent sample 11TAKU-B38-SO4-C12 recovered low for 4,4'-DDT, Endrin, Endrin ketone , Heptachlor and Methoxychlor. Sample results are qualified JM- to indicate the results may be biased low.

SW8260B: The MS in parent sample 11TAKU-B38-SO4-C12 was recovered low for 1,2-Dibromoethane. Sample result is qualified JM- to indicate the result may be biased low.

SW8260B: Parent sample, 11TAKU-B38-SO4-C12 did not meet MS/MSD precision standards with a RPD less than 30% for analytes 1,2-Dibromo-3-chloropropane (47%), 1,2-Dibromoethane (31%) and 2-Hexanone (36%). A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the sample was not qualified.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

MS/MSD %R –
OCPSTSM The MS and/or MSD in parent sample 11TAKU-B38-SO4-C12 recovered low for 4,4'-DDT, Endrin, Endrin ketone , Heptachlor and Methoxychlor. Sample results are qualified JM- to indicate the results may be biased low. Data are usable.

SW8260B: The MS in parent sample 11TAKU-B38-SO4-C12 was recovered low for 1,2-Dibromoethane. Sample is qualified JM- to indicate the result may be biased low. Data are usable.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8260: 11TAKU-B38-SO1-C05, 11TAKU-B38-SO2-C08, 11TAKU-B38-SO3-C10, 11TAKU-B38-SO4-C11, 11TAKU-B38-SO4-C12, 11TAKU-B38-SO4-C13, 11TAKU-B38-SO4-C14 and 11TAKU-B38-SO4-C15.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☑Yes ☐ No ☐ NA (Please explain.) Comments:

SW8260: Surrogate, 1,2-Dichloroethane-d4 was recovered high in samples 11TAKU-B38-SO1-C05, 11TAKU-B38-SO2-C08, 11TAKU-B38-SO3-C10, 11TAKU-B38-SO4-C11, 11TAKU-B38-SO4-C12, 11TAKU-B38-SO4-C13, 11TAKU-B38-SO4-C14 and 11TAKU-B38-SO4-C15. The detected result for methylene chloride was high in sample 11TAKU-B38-SOE-C10. Other detected results in these samples were for compounds not associated with this surrogate.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

SW8260: Surrogate, 1,2-Dichloroethane-d4 was recovered high in samples 11TAKU-B38-SO1-C05, 11TAKU-B38-SO2-C08, 11TAKU-B38-SO3-C10, 11TAKU-B38-SO4-C11, 11TAKU-B38-SO4-C12, 11TAKU-B38-SO4-C13, 11TAKU-B38-SO4-C14 and 11TAKU-B38-SO4-C15. Results were not qualified because qualification is only necessary if more than one surrogate fails not criteria, per project QAPP. Data is usable.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

Duplicate pair, 11TAKU-B38-SO4-C13/11TAKU-B38-SO4-C14 were submitted with this SDG.

ii. Submitted blind to lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☑Yes ☐No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

All primary or duplicate sample results with at least one result above the LOQ had RPD's less than 50%.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

NA

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 1/20/12

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-28623

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Banana" temp blank = 1.1°C; cooler temp = 5.2°C

      b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

Sample 11TAKU-B38-S01-W01 did not have a sample time on label. The correct sample time was documented on CoC.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

Sample 11TAKU-B38-S01-W01 did not have a sample time on label. The sample time was documented on CoC. The correct time on the CoC was used by the laboratory at login, therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   e. Data quality or usability affected?

      Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Method blank results were evaluated at ½ LOQ per project QAPP.

      iii. If above PQL, what samples are affected?
      Comments:

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      All method blank results were less than ½ LOQ.

v. Data quality or usability affected? (Please explain.)
Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
☐Yes ☑ No ☐NA (Please explain.) Comments:

A2540G: The batch did not contain an LCS, but did contain a project specific sample duplicate.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

A MS and MSD were not submitted with this SDG.

v. If %R or RPD is outside of acceptable limits, what samples are affected?
Comments:

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☐Yes ☐No ☑NA (Please explain.) Comments:

All LCS/LCSD recoveries and RPDs were within acceptable limits.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐ No ☑ NA (Please explain.) Comments:

All surrogate recoveries with dilution factors less than five were within required QC limits.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☐Yes ☐ No ☑NA (Please explain.) Comments:

Volatile analyses were not submitted with this SDG.

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☐Yes ☐ No ☑NA (Please explain.) Comments:

Volatile analyses were not submitted with this SDG.

iii. All results less than PQL?
☐Yes ☐No ☑NA (Please explain.) Comments:

Volatile analyses were not submitted with this SDG.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates.

ii. Submitted blind to lab?

☐Yes ☐No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration

R_2 = Field Duplicate Concentration

☐Yes ☐No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment was used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/07/12

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-28998

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Pear" temp blank = 1.2 °C; cooler temp = 3.3°C

      b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

The sample time on jar label did not match the time on the CoC for sample 11TAKU-B38-S03-C10. The correct sample time was documented on the CoC.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

The sample time on jar label did not match the time on the CoC for sample 11TAKU-B38-S03-C10. The correct time on the CoC was used by the laboratory at login, therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   e. Data quality or usability affected?

      Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Method blank results were evaluated at ½ LOQ per project QAPP.

      iii. If above PQL, what samples are affected?
      Comments:

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      All method blank results were less than ½ LOQ.

v. Data quality or usability affected? (Please explain.)
Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
☐Yes ☑ No ☐NA (Please explain.) Comments:

A2540G: The batch did not contain a LCS, but did contain a project specific sample duplicate.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD –
SW8151: Parent sample, 11TAKU-B38-SO4-C12 did not meet MS/MSD precision standards with a RPD less than 30% for Dalapon (34%).

v. If %R or RPD is outside of acceptable limits, what samples are affected?
Comments:

MS/MSD RPD –
SW8151: Parent sample, 11TAKU-B38-SO4-C12 did not meet MS/MSD precision standards with a RPD less than 30% for Dalapon (34%).

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD –
SW8151: Parent sample, 11TAKU-B38-SO4-C12 did not meet MS/MSD precision standards with a RPD less than 30% for Dalapon (34%). A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the sample was not qualified.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

MS/MSD RPD – **SW8151:** Parent sample, 11TAKU-B38-SO4-C12 did not meet MS/MSD precision standards with a RPD less than 30% for Dalapon (34%). The parent sample result was nondetect; therefore data is usable.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐ No ☑ NA (Please explain.) Comments:

All surrogate recoveries with dilution factors less than five were within required QC limits.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☐Yes ☐ No ☑NA (Please explain.) Comments:

Volatile analyses were not submitted with this SDG.

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☐Yes ☐ No ☑NA (Please explain.) Comments:

Volatile analyses were not submitted with this SDG.

iii. All results less than PQL?
☐Yes ☐No ☑NA (Please explain.) Comments:

Volatile analyses were not submitted with this SDG.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)
Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

Duplicate pair, 11TAKU-B38-SO4-C13/11TAKU-B38-SO4-C14 were submitted with this SDG

ii. Submitted blind to lab?
☑Yes ☐No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☑Yes ☐No ☐NA (Please explain.) Comments:

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)
Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment was used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/08/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: SGS, Anchorage, AK Laboratory Report Number: 1118627

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Insanity" Fairbanks temp blank = 1.1°C; Anchorage temp blank = -1.1°C

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The coolers arrived at the Fairbanks and Anchorage laboratories less than 2°C with no evidence of freezing. All samples contained methanol.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the Anchorage laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

SW8260/AK101: A fraction of each sample was not submitted to the lab for the analysis of percent solids. Equivalent samples were submitted to Test America, Tacoma, WA for percent solids in SDG 580-27869. The percents solids data were provided to SGS to calculate and report all results on a dry weight basis.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for method SW8260B that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8260: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. <u>QC Samples</u>

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☐Yes ☐ No ☑NA (Please explain.) Comments:

All method blank results were less than ½ LOQ.

v. Data quality or usability affected? (Please explain.)

Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Metals/Inorganics were not submitted with this SDG**.**

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☐Yes ☐No ☑NA (Please explain.) Comments:

All LCS/LCSD and MS/MSD percent recoveries and percent differences met criteria.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐ No ☑ NA (Please explain.) Comments:

All surrogate recoveries with sample dilution factors less than five were in control.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)
Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pairs were submitted with this SDG: 11TAKU-B42-SO1-C11/11TAKU-B42-SO1-C22 11TAKU-B42-SO5-C15/1TAKU-B42-SO5-C16 11TAKU-B42-SO2-C23/1TAKU-B42-SO2-C24

ii. Submitted blind to lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☑Yes ☐No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)
Comments:

All primary or duplicate sample results with at least one result above the LOQ had RPD's less than 50%.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/08/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-27675-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Boots" temp blank = 0.9°C; cooler temp = 2.0°C

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)
Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260B and SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. <u>QC Samples</u>

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

SW8260 (MB-580-91640): Trichloroethene (TCE) was detected in the method blank (0.0103 J mg/kg) at greater than ½ the LOQ. All associated sample results were nondetect; therefore not affected. Benzene was detected in the method blank at 0.00723 J mg/kg, tetrachloroethene (PCE) was detected in the method blank at 0.00798 J mg/kg, and m,p-xylenes were detected at 0.0145 J mg/kg.

Pesticides, SW8081: MB 580-91579: 4,4'-DDT was detected in the method blank at 0.000884 J mg/kg. The 4,4'-DDT results in the associated samples were greater than five times the blank concentration; qualifications were not required.

iii. If above PQL, what samples are affected?
Comments:

Results not above LOQ (PQL).

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The detected results for benzene, PCB and m,p-xylene in associated samples were qualified with a B. Results qualified with a B may be false positives or biased high. Even with the potential bias, the results are still less than their respective ADEC limits.

v. Data quality or usability affected? (Please explain.)
Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
☐Yes ☑ No ☐NA (Please explain.) Comments:

E160.3 Moisture: The batch did not contain a LCS or a project specific sample duplicate. The batch did contain a sample duplicate for another project.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑ No ☐NA (Please explain.) Comments:

LCS %R – Several analytes were recovered high in the LCS and/or LCSD for methods SW8260, SW8270 and SW8151. All associated sample results were nondetect; therefore not affected.

SW8270: Benzidine was recovered low in the LCS.

MS/MSD %R –
SW8260/SW8270: Several analytes were recovered high in the MS and/or MSD for methods SW8260 and SW8270. All associated sample results were nondetect; therefore not affected. Benzidine was recovered low in the MS/MSD analyses performed on sample 11FWA-TAKU-WX02.

SW8081: The MS was recovered low for heptachlor in sample 11FWA-TAKU-WX02.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD –
SW8260: Parent sample, 11FWA-TAKU-WX02 did not meet MS/MSD precision standards with a RPD less than 30% for analytes chloroethane (34%) and naphthalene (32%).

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS %R -
SW8270: Benzidine was recovered low in the LCS. Affected samples include 11FWA-TAKU-WX02 and 11FWA-TAKU-WX03.

MS/MSD %R –
SW8081: The MS was recovered low for heptachlor in sample 11FWA-TAKU-WX02.

SW8270: The MS/MSD recoveries were low for benzidine in sample 11FWA-TAKU-WX02.

MS/MSD RPD –
SW8260: Parent sample, 11FWA-TAKU-WX02 did not meet MS/MSD precision standards with a RPD less than 30% for analytes chloroethane (34%) and naphthalene (32%).

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☐No ☐NA (Please explain.) Comments:

LCS %R -
SW8270: Benzidine was recovered low in the LCS. Affected samples include 11FWA-TAKU-WX02 and 11FWA-TAKU-WX03. The sample results were qualified JL- to indicate possible low bias.

MS/MSD %R –
SW8081: The MS was recovered low for heptachlor in sample 11FWA-TAKU-WX02. The sample result was qualified JM- to indicate possible low bias.

SW8270: The MS/MSD recoveries for benzidine were lower than the lower control limit in sample 11FWA-TAKU-WX02. The nondetect sample result was qualified as estimated with a possible low bias (JM-) to indicate this.

MS/MSD RPD –
SW8260: Parent sample, 11FWA-TAKU-WX02 did not meet MS/MSD precision standards with a RPD less than 30% for analytes chloroethane (34%) and naphthalene (32%). A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the sample was not qualified.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

LCS %R -
SW8270: Benzidine was recovered low in the LCS and in the MS/MSD. Affected samples include 11FWA-TAKU-WX02 and 11FWA-TAKU-WX03. The sample results were qualified JL- to indicate possible low bias. Data is usable but possibly biased low; there is no ADEC limit and the compound is not a contaminant of concern at the site so the impact is minimal.

MS/MSD %R –
SW8081: The MS was recovered low for heptachlor in sample 11FWA-TAKU-WX02. The sample result was qualified JM-. Data is usable but possibly biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8081: Surrogate, Tetrachloro-m-xylene in sample 11FWA-TAKU-WX02 was recovered lower than acceptable criteria.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☑Yes ☐No ☐ NA (Please explain.) Comments:

SW8081: Surrogate, Tetrachloro-m-xylene in sample 11FWA-TAKU-WX02 was recovered lower than acceptable criteria. All affected pesticide results were qualified JS- to indicate possible low bias.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

SW8081: Surrogate, Tetrachloro-m-xylene in sample 11FWA-TAKU-WX02 was recovered lower than acceptable criteria. All affected pesticide results were qualified JS-. Data is usable, but may be biased low. Detected results and nondetect results are well below their respective ADEC limits; any potential low bias would not significantly impact the data (i.e., bias results below their ADEC limits.)

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Results less than the PQL (LOQ).

SW8260, 11FWA-TAKU-TB06: Benzene was detected at 0.0073 J mg/kg, methylene chloride was detected at 0.012 J mg/kg, m,p-xylene was detected at 0.017 mg/kg, PCE was detected at 0.0086 J mg/kg and trans-1,2-dichloroethene was detected at 0.010 J mg/kg.

iv. If above PQL, what samples are affected?

Comments:

Results less than LOQ (PQL). The detected results for benzene, m,p-xylene, trans-1,2-dichloroethene and PCE that were less than five times the trip blank concentration in associated samples were qualified with a B to indicate that they were detected in the trip blank sample. Methylene chloride was not detected in the associated samples.

v. Data quality or usability affected? (Please explain.)

Comments:

Data is usable as reported. Results qualified with a B may be biased high or false positives. Even with potential bias, reported results are still less than their respective ADEC limits.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates.

ii. Submitted blind to lab?

☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/10/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-27869-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "der Wahnsinn" temp blank = 0.3°C; cooler temp = 2.9°C
      Cooler "Folie" temp blank = 1.6°C; cooler temp = 2.2°C

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☑Yes ☐ No ☐NA (Please explain.) Comments:

The coolers arrived at the laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)

Comments:

The coolers arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

4. Case Narrative

a. Present and understandable?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional QC failures include:

CCV %R –
SW8081: Gamma-BHC (Lindane) and heptachlor were recovered high in the CCV.

c. Were all corrective actions documented?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

CCV %R –
SW8081: Gamma-BHC (Lindane) and heptachlor were recovered high in the CCV. All associated sample results were non-detect and not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for method SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

   e. Data quality or usability affected?

SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

All method blank results were less than the PQL (LOQ).

AK102: 580-92665: DRO compounds were detected in the method blank at 2.02 J mg/Kg.

SVOC: 580-92386: Phenanthrene was detected in the method blank at 0.00977 J mg/Kg.

SVOC – SIM: 580-92386: Pyrene was detected in the method blank at 0.00173 J mg/Kg.

Metals: 580-92377: Barium detected at 0.0845 J mg/Kg.
580-92403: Barium detected at 0.0859 J mg/Kg.

iii. If above PQL, what samples are affected?
Comments:

Blank results were less than LOQ (PQL).

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☑Yes ☐ No ☐NA (Please explain.) Comments:

AK102, batch 580-92665: The DRO results in samples 11TAKU-B42-SO1-C01, 11TAKU-B42-SO1-C02, 11TAKU-B42-SO1-C03, 11TAKU-B42-SO2-C04, 11TAKU-B42-SO1-C05, 11TAKU-B42-SO1-C06, 11TAKU-B42-SO1-C09, 11TAKU-B42-SO1-C10 and 11TAKU-B42-SO1-C11 were all qualified with a "B" because the results were less than five times the blank concentration.

SVOC, batch 580-92386: Qualifications not required because phenanthrene was not detected in the associated samples.

SVOC – SIM, batch 580-92386: The result for pyrene in sample 11TAKU-B42-SO1-C10 was qualified with a "B" because the result was less than five times the blank concentration.

Barium qualifications not required because barium concentrations in the samples are well above the blank concentrations.

v. Data quality or usability affected? (Please explain.)
Comments:

Results qualified with a "B" may be false positives or biased high.

AK102: Data usability not affected. Results well below the ADEC limit; any introduced bias would have little impact.

SVOC – SIM, batch 580-92386: Data usability not affected. The result is well below the ADEC limit and any introduced bias will have little impact.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
☐Yes ☑No ☐NA (Please explain.) Comments:

E160.3 Moisture: The batch did not contain a LCS.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

LCS/LCSD %R –
SW8270: 1,3-Dichlorobenzene and Dimethyl phthalate exceeded the upper control limit in the LCS and LCSD.

MS/MSD %R –
AK102: The MS and MSD for diesel range organics (DRO) were recovered low in parent sample 11TAKU-B42-SO2-C13.
AK102: The MSD for (DRO) was recovered low in parent sample 11TAKU-B42-SO1-C11.

SW8270: The MS and/or MSD were recovered high for 1,3-dichlorobenzene and dimethyl phthalate in sample parent sample 11TAKU-B42-SO1-C11.
SW8270: The MS and MSD were recovered high for 1,3-dichlorobenzene in sample 11TAKU-B42-SO2-C13.

SW8081: The MSD was recovered high for heptachlor in parent sample 1TAKU-B42-SO2-C13.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD – The following MS/MSD samples had RPDs greater than 30%.
SW8081: 11TAKU-B42-SO2-C13 had poor MS/MSD duplicate precision for heptachlor (47%).
SW8151: 11TAKU-B42-SO1-C11 had poor MS/MSD duplicate precision for 2,4,5-TP (Silvex) (35%), MCPA (2-Methyl-4-chlorophenoxy acetic acid) (43%), MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid) (31%).
SW8270: 11TAKU-B42-SO1-C11 had poor MS/MSD duplicate precision for 2,4-Dinitrophenol (35%).

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS/LCSD %R –
SW8270: The LCS and LCSD recoveries for 1,3-Dichlorobenzene and Dimethyl phthalate exceeded the upper control limits. All associated sample results were non-detect and therefore, not affected.

MS/MSD %R –
AK102: The MS and MSD for diesel range organics (DRO) were recovered low in parent sample 11TAKU-B42-SO2-C13.
AK102: The MSD for (DRO) was recovered low in parent sample 11TAKU-B42-SO1-C11.

SW8270: The MS and/or MSD were recovered high for 1,3-dichlorobenzene and dimethyl phthalate in sample parent sample 11TAKU-B42-SO1-C11. All associated sample results were non-detect and therefore, not affected.
SW8270: The MS and MSD were recovered high for 1,3-dichlorobenzene in sample 11TAKU-B42-SO2-C13. All associated sample results were non-detect and therefore, not affected.

SW8081: The MSD was recovered high for heptachlor in parent sample 1TAKU-B42-SO2-C13. All associated sample results were non-detect and therefore, not affected.

MS/MSD RPD –
SW8081: 11TAKU-B42-SO2-C13 had poor MS/MSD duplicate precision for heptachlor (47%).
SW8151: 11TAKU-B42-SO1-C11 had poor MS/MSD duplicate precision for 2,4,5-TP (Silvex) (35%), MCPA (2-Methyl-4-chlorophenoxy acetic acid) (43%), MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid) (31%).
SW8270: 11TAKU-B42-SO1-C11 had poor MS/MSD duplicate precision for 2,4-Dinitrophenol (35%).

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R –
AK102: The MS and MSD for diesel range organics (DRO) were recovered low in parent sample 11TAKU-B42-SO2-C13. The sample result was qualified "JM-" to indicate the result may be biased low.
AK102: The MSD for (DRO) was recovered low in parent sample 11TAKU-B42-SO1-C11. The sample result was qualified "JM-" to indicate the result may be biased low.

MS/MSD RPD – A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the samples were not qualified.
SW8081: 11TAKU-B42-SO2-C13 had poor MS/MSD duplicate precision for heptachlor (47%).
SW8151: 11TAKU-B42-SO1-C11 had poor MS/MSD duplicate precision for 2,4,5-TP (Silvex) (35%), MCPA (2-Methyl-4-chlorophenoxy acetic acid) (43%), MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid) (31%).
SW8270: 11TAKU-B42-SO1-C11 had poor MS/MSD duplicate precision for 2,4-Dinitrophenol (35%).

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

MS/MSD %R –
AK102: The MS and MSD for diesel range organics (DRO) were recovered low in parent sample 11TAKU-B42-SO2-C13. The parent sample result exceeded ADEC cleanup level, therefore the affects are minimal and result is usable.
AK102: The MSD for (DRO) was recovered low in parent sample 11TAKU-B42-SO1-C11. The parent sample result exceeded ADEC cleanup level, therefore the affects are minimal and result is usable.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8270: Surrogate, 2-Fluorophenol was recovered high in samples 11TAKU-B42-SO1-C01, 11TAKU-B42-SO1-C05, 11TAKU-B42-SO1-C07, 11TAKU-B42-SO1-C08, 11TAKU-B42-SO2-C13 and 11TAKU-B42-SO2-C14.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☑ No ☐ NA (Please explain.) Comments:

SW8270: Surrogate, 2-Fluorophenol was recovered high in samples 11TAKU-B42-SO1-C01, 11TAKU-B42-SO1-C05, 11TAKU-B42-SO1-C07, 11TAKU-B42-SO1-C08, 11TAKU-B42-SO2-C13 and 11TAKU-B42-SO2-C14. Per project QAPP, SW8270 results are only qualified if two or more surrogates fail recovery criteria.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)
Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pairs were submitted with this SDG:
11TAKU-B42-SO1-C11/11TAKU-B42-SO1-C22
11TAKU-B42-SO5-C15/1TAKU-B42-SO5-C16
11TAKU-B42-SO2-C23/1TAKU-B42-SO2-C24

ii. Submitted blind to lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☑No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result non-detect, the LOD of the non-detect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

SW7471: The mercury results in duplicate pair 11TAKU-B42-SO1-C11/11TAKU-B42-SO1-C22 had and RPD of 62%.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

SW7471: The mercury results in duplicate pair 11TAKU-B42-SO1-C11/11TAKU-B42-SO1-C22 had and RPD of 62%. The samples were qualified "JD" to indicate poor duplicate precision. All results were less than the ADEC cleanup level and therefore usable.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/14/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-27870-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Maleid" temp blank = 0.6°C; cooler temp = 3.6°C

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

AK101/SW8260: Samples 11TAKU-B48-SO10-C01, 11TAKU-B48-SO10-C02, 11TAKU-B48-SO10-C03, 11TAKU-B48-SO8-C04, 11TAKU-B48-SO8-C05, 11TAKU-B48-SO8-C06, 11TAKU-B48-SO8-C07 and 11TAKU-B48-TB01 showed evidence of methanol leakage.

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The coolers arrived at the laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)
Comments:

The coolers arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

AK101/SW8260: Samples 11TAKU-B48-SO10-C01, 11TAKU-B48-SO10-C02, 11TAKU-B48-SO10-C03, 11TAKU-B48-SO8-C04, 11TAKU-B48-SO8-C05, 11TAKU-B48-SO8-C06, 11TAKU-B48-SO8-C07 and 11TAKU-B48-TB01 showed evidence of methanol leakage. With the exception of the field surrogate recovery for TFT in sample 11TAKU-B48-SO8-C05, all recoveries acceptable in the samples that had signs of methanol leakage, and the narrative (and cooler receipt checklists) did not indicate that the soil in the sample containers had been exposed (i.e., the sample was still adequately covered or preserved with the methanol). While the sample containers may not have been air tight, the VOC compounds should be dissolved in the methanol and not present in the headspace of the sample container. Therefore, despite the evidence for leakage, the data usability and quality is not affected. All results were less than ADEC cleanup level except methylene chloride; therefore the affects are minimal.

4. Case Narrative

a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional QC failures include:

CCV %R –
SW8081: Methoxychlor was recovered high in the CCV.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

CCV %R –
SW8081: Methoxychlor was recovered high in the CCV. All associated sample results were nondetect and not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260 and SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

All method blank results were less than the LOQ (PQL).

AK 101: Batch 580-92439: GRO compounds detected at 0.692 J mg/kg.

AK102: Batch 580-92665: DRO compounds detected at 2.02 J mg/kg.

SVOC: 580-92386: Phenanthrene was detected in the method blank at 0.00977 J mg/kg.

SVOC – SIM: 580-92386: Pyrene was detected in the method blank at 0.00173 J mg/kg.

Metals: Batch 580-92348: Iron (2.72 J mg/kg) and potassium (4.31 J mg/kg) were detected in the method blank.

iii. If above PQL, what samples are affected?

Comments:

Results not detected above the LOQ (PQL).

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☑Yes ☐ No ☐NA (Please explain.) Comments:

AK101: The GRO result for sample 11TAKU-B48-SO10-C01 was qualified with a B because the result was less than five times the blank concentration.

AK102: The DRO results for samples 11TAKU-B48-SO8-C04, 11TAKU-B48-SO8-C05, 11TAKU-B48-SO8-C06, and 11TAKU-B48-SO8-C07 were qualified with a B because they were less than five times the blank concentration.

SVOC: 580-92386: The results for phenanthrene in samples 11TAKU-B48-SO8-C04 and 11TAKU-B48-S08-C07 were qualified with a B because they were less than five times the blank concentration.

SVOC – SIM: 580-92386: the resuts for pyrene in samples 11TAKU-B48-SO8-C04, 11TAKU-B48-SO8-C05, 11TAKU-B48-SO8-C06, and 11TAKU-B48-SO8-C07 were qualified with a B because they were less than five times the blank concentration.

Iron and potassium qualifications not required because their concentrations in the samples are well above the blank concentrations.

v. Data quality or usability affected? (Please explain.)

Comments:

Results qualified with a B may be false positives or biased high.

AK101: Data usability not affected. Result well below the ADEC limit; any introduced bias would have little impact.

AK102: Data usability not affected. Results well below the ADEC limit; any introduced bias would have little impact.

SW8270: Phenanthrene data usability not affected. Results well below the ADEC limit; any introduced bias would have little impact.

SW8270 - SIM: Pyrene data usability not affected. Results well below the ADEC limit; any introduced bias would have little impact.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑No ☐NA (Please explain.) Comments:

SW7471: The batch did not contain a laboratory duplicate on this SDG. A project specific MS/MSD were analyzed to show precision.

E160.3 Moisture: The batch did not contain a LCS.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS/LCSD %R –

SW8270: 1,3-Dichlorobenzene and Dimethyl phthalate exceeded the upper control limit in the LCS and LCSD.

MS/MSD %R –

AK101: The MS and MSD for gasoline range organics (GRO) were recovered low in parent sample 11TAKU-B48-SO8-C05.

AK102: The MS and MSD for diesel range organics (DRO) were recovered low in parent sample 11TAKU-B48-SO8-C05.

SW8260: The MS and/or MSD were recovered low for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethane, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Chlorotoluene, 2-Hexanone, 4-Chlorotoluene, 4-Methyl-2-pentanone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, n-Butylbenzene, n-Propylbenzene, o-Xylene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Vinyl chloride and Xylene, Isomers m & p in sample parent sample 11TAKU-B48-SO8-C05.

SW7471: The MS was recovered high for mercury in sample 11TAKU-B48-SO8-C05.

SW8151: The MSD was recovered high for 2,4,5-T in parent sample 11TAKU-B48-SO8-C05.

SW8082: The MSD was recovered high for PCB-1260 (Aroclor 1260) in parent sample 11TAKU-B48-SO8-C05.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS/LCSD RPD –
SW8260: 1,2,3-Trichlorobenzene had poor LCS/LCSD precision, however the percent recovery for both the LCS and LCSD were in control.

MS/MSD RPD – The following MS/MSD pairs (parent sample 11TAKU-B48-SO8-C05) had RPDs greater than 30%.
SW8260: The MS and/or MSD were recovered low for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethane, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Butanone, 2-Chlorotoluene, 2-Hexanone, 4-Chlorotoluene, 4-Methyl-2-pentanone, Acetone, Benzene, Benzene, 1-methyl-4-(1-methylethyl)-, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethylbenzene, Hexachlorobutadiene, Methyl-tert-butyl ether (MTBE), Isopropylbenzene, Naphthalene, n-Butylbenzene, n-Propylbenzene, o-Xylene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethene (PCE), Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene (TCE), Trichlorofluoromethane, Vinyl chloride and Xylene, Isomers m & p.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS/LCSD %R –
SW8270: 1,3-Dichlorobenzene and Dimethyl phthalate exceeded the upper control limit in the LCS and LCSD. All associated sample results were nondetect and therefore, not affected.

MS/MSD %R –
AK101: The MS and MSD for gasoline range organics (GRO) were recovered low in parent sample 11TAKU-B48-SO8-C05.
AK102: The MS and MSD for diesel range organics (DRO) were recovered low in parent sample 11TAKU-B48-SO8-C05.
SW8260: The MS and/or MSD were recovered low for several analytes listed above in parent sample parent sample 11TAKU-B48-SO8-C05.
SW7471: The MS was recovered high for mercury in sample 11TAKU-B48-SO8-C05.
SW8151: The MSD was recovered high for 2,4,5-T in parent sample 11TAKU-B48-SO8-C05. Sample result was nondetect and therefore not affected.
SW8082: The MSD was recovered high for PCB-1260 (Aroclor 1260) in parent sample 11TAKU-B48-SO8-C05. Sample result was nondetect and therefore not affected.

MS/MSD RPD –
SW8260: Several MS/MSD pairs (parent sample 11TAKU-B48-SO8-C05) had RPDs greater than 30% for the analytes listed above.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R –
AK101: The MS and MSD for gasoline range organics (GRO) were recovered low in parent sample 11TAKU-B48-SO8-C05. Sample result is qualified JM- to indicate the result may be biased low.
AK102: The MS and MSD for diesel range organics (DRO) were recovered low in parent sample 11TAKU-B48-SO8-C05. Sample result is qualified JM- to indicate the result may be biased low.
SW8260: The MS and/or MSD were recovered low for several analytes listed above in parent sample 11TAKU-B48-SO8-C05. Sample results are qualified JM- to indicate the results may be biased low.
SW7471: The MS was recovered high for mercury in sample 11TAKU-B48-SO8-C05. Sample result is qualified JM+ to indicate the result may be biased high.

MS/MSD RPD – A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the samples were not qualified.
SW8260: Several MS/MSD pairs (parent sample 11TAKU-B48-SO8-C05) had RPDs greater than 30% for the analytes listed above. Most of the analytes were qualified JM- due to low MS/MSD recoveries.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

MS/MSD %R –
AK101: The MS and MSD for gasoline range organics (GRO) were recovered low in parent sample 11TAKU-B48-SO8-C05. Sample result is qualified JM- to indicate the result may be biased low. Sample result was significantly lower than the ADEC cleanup level and is usable.
AK102: The MS and MSD for diesel range organics (DRO) were recovered low in parent sample 11TAKU-B48-SO8-C05. Sample result is qualified JM- to indicate the result may be biased low. Sample result was significantly lower than the ADEC cleanup level and is usable.
SW8260: The MS and/or MSD were recovered low for several analytes listed above in parent sample 11TAKU-B48-SO8-C05. Sample results are qualified JM- to indicate the results may be biased low. Analytes with LOD's similar to the ADEC cleanup level may be affected.
SW7471: The MS was recovered high for mercury in sample 11TAKU-B48-SO8-C05. Sample result is qualified JM+ to indicate the result may be biased high. Sample result was less than the ADEC cleanup level and therefore still usable.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8260: Surrogate, a,a,a-Trifluorotoluene was recovered low and surrogate, 4-Bromofluorobenzene was recovered high in sample 11TAKU-B48-SO8-C05.
SW8260: Surrogate, 4-Bromofluorobenzene was recovered high in samples 11TAKU-B48-SO8-C06 and 11TAKU-B48-SO8-C07.
SW8270: Surrogate, 2-Fluorophenol was recovered high in samples 11TAKU-B48-SO10-C01, 11TAKU-B48-SO10-C03 and 11TAKU-B48-SO8-C05.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☑Yes ☑ No ☐ NA (Please explain.) Comments:

SW8260: Surrogate, a,a,a-Trifluorotoluene was recovered low and surrogate, 4-Bromofluorobenzene was recovered high in sample 11TAKU-B48-SO8-C05. All SW8260 results for this sample were qualified JS to indicate results should be considered an estimate and possibly biased.
SW8260: Surrogate, 4-Bromofluorobenzene was recovered high in samples 11TAKU-B48-SO8-C06 and 11TAKU-B48-SO8-C07. Per project QAPP, SW8260 results are only qualified if two or more surrogates fail recovery criteria.
SW8270: Surrogate, 2-Fluorophenol was recovered high in samples 11TAKU-B48-SO10-C01, 11TAKU-B48-SO10-C03 and 11TAKU-B48-SO8-C05. Per project QAPP, SW8270 results are only qualified if two or more surrogates fail recovery criteria.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

SW8260: Surrogate, a,a,a-Trifluorotoluene was recovered low and surrogate, 4-Bromofluorobenzene was recovered high in sample 11TAKU-B48-SO8-C05. All SW8260 results for this sample were qualified JS to indicate results should be considered an estimate and possibly biased.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☐Yes ☑No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

SW8260: Methylene chloride was detected in the trip blank sample, 11TAKU-B48-TB01.

iv. If above PQL, what samples are affected?

Comments:

SW8260: Methylene chloride was detected in the trip blank sample, 11TAKU-B48-TB01. Affected samples with detections less than ten times the blank concentration include 11TAKU-B48-SO10-C01, 11TAKU-B48-SO10-C02, 11TAKU-B48-SO10-C03, 11TAKU-B48-SO8-C04, 11TAKU-B48-SO8-C05, 11TAKU-B48-SO8-C06, 11TAKU-B48-SO8-C07.

v. Data quality or usability affected? (Please explain.)

Comments:

SW8260: Methylene chloride was detected in the trip blank sample, 11TAKU-B48-TB01. Affected samples with detections less than ten times the blank concentration include 11TAKU-B48-SO10-C01, 11TAKU-B48-SO10-C02, 11TAKU-B48-SO10-C03, 11TAKU-B48-SO8-C04, 11TAKU-B48-SO8-C05, 11TAKU-B48-SO8-C06, 11TAKU-B48-SO8-C07. Sample results were qualified B to indicate the analyte was also present in the trip blank. All sample results exceeded the ADEC cleanup level and was likely caused by laboratory contamination.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pair were submitted with this SDG:
11TAKU-B48-SO10-C02/11TAKU-B48-SO10-C03

ii. Submitted blind to lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☑No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

SW6020: The antimony and manganese results in duplicate pair 11TAKU-B48-SO10-C02/11TAKU-B48-SO10-C03 had a RPD of 76% and 93% respectively.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

SW6020: The antimony and manganese results in duplicate pair 1111TAKU-B48-SO10-C02/11TAKU-B48-SO10-C03 had an RPD of 76% and 93% respectively. The samples were qualified JD to indicate poor duplicate precision. Antimony results were less than the ADEC cleanup level and manganese cleanup level is not available, therefore the data is usable.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/15/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-28021-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      Samples for AK101/SW8260 analyses were subcontracted to Test America, West Sacramento, CA.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Sickeningly Sweet" temp blank = 2.4°C; cooler temp = 0.3°C
      Cooler to West Sacramento = 2.4°C

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the Tacoma laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)

Comments:

The cooler arrived at the Tacoma laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

4. Case Narrative

a. Present and understandable?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional QC failures include:

CCV %R –
SW8270: Benzoic acid was recovered high in the CCV.

c. Were all corrective actions documented?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

CCV %R –
SW8270: Benzoic acid was recovered high in the CCV. All associated sample results were nondetect and not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for method SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples. For method SW8015, ethylene glycol had elevated LODs due to sample dilution. See Attachment B-2, Table 9 for a list of associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8 and 9.

   e. Data quality or usability affected?

SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

SW8015: Ethylene glycol had elevated LODs due to sample dilution. The samples required dilution because of high concentrations of the target analyte propylene glycol. The data quality for ethylene glycol is poor and not usable.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

All method blank results were less than the PQL (LOQ).

AK102/AK103: 580-92968: DRO compounds were detected in the method blank at 6.17 J mg/kg and RRO compounds were detected in the blank at 11.4 J mg/kg.

SW8081: 580-92981: Endrin ketone was detected in the blank at 0.000275 J mg/kg

Metals: 580-93025: Barium detected in the method blank at 0.04 J mg/kg

iii. If above PQL, what samples are affected?
Comments:

Blank results were less than LOQ (PQL).

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☑Yes ☐ No ☐NA (Please explain.) Comments:

AK103: 580-96968: The RRO results in samples 11TAKU-B49-W01 and 11TAKU-B49-W02 were qualified with a B because they were less than five times the method blank value.

SW8081: Endrin ketone not detected in the associated samples; no qualifications needed.

Barium qualifications not required because barium concentrations in the samples are well above the blank concentrations.

v. Data quality or usability affected? (Please explain.)
Comments:

Results qualified with a B may be false positives or biased high.

AK103: Data usability not affected. Results well below the ADEC limit; any introduced bias would have little impact.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑ No ☐NA (Please explain.) Comments:

E160.3 Moisture: Percent solid batch does not include an LCS. The batch does not include a laboratory duplicate on this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS/LCSD %R –
SW8270: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene and Dimethyl phthalate exceeded the upper control limit in the LCS.

MS/MSD %R –
SW8270: The MS and/or MSD for 1,3-Dichlorobenzene, 2-Methylphenol (o-Cresol), bis-(2-Chloroethyl)ether, bis(2-Chloroisopropyl)ether and Di-n-butyl phthalatewere recovered high in parent sample 11TAKU-B49-SO-W02.
SW8270: The MS and MSD for Benzyl alcohol and 4-chloroaniline were recovered low in parent sample 11TAKU-B49-SO-W02.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD –
SW8270: MS/MSD pair (parent sample 11TAKU-B49-SO-W02) for 2,4-Dimethylphenol had a RPD of 33%.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS/LCSD %R –
SW8270: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene and Dimethyl phthalate exceeded the upper control limit in the LCS. All associated sample results were nondetect and therefore not affected.

MS/MSD %R –
SW8270: The MS and/or MSD for 1,3-Dichlorobenzene, 2-Methylphenol (o-Cresol), bis-(2-Chloroethyl)ether, bis(2-Chloroisopropyl)ether and Di-n-butyl phthalatewere recovered high in parent sample 11TAKU-B49-SO-W02. All associated sample results were nondetect and therefore not affected.
SW8270: The MS and MSD for Benzyl alcohol and 4-chloroaniline were recovered low in parent sample 11TAKU-B49-SO-W02.

MS/MSD RPD –
SW8270: MS/MSD pair (parent sample 11TAKU-B49-SO-W02) for 2,4-Dimethylphenol had a RPD of 33%.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☐No ☐NA (Please explain.) Comments:

MS/MSD %R –
SW8270: The MS and MSD recoveries for 4-chloroaniline were were low in parent sample 11TAKU-B49-SO-W02. The result was qualified JM- to indicate that the result may be biased low. The MS/MSD recoveries for benzyl alcohol were 0 percent. The result in sample 11TAKU-B49-SO-W02 was qualified as rejected (R).
MS/MSD RPD – A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the sample was not qualified.
SW8270: MS/MSD pair (parent sample 11TAKU-B49-SO-W02) for 2,4-Dimethylphenol had a RPD of 33%.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

MS/MSD %R –
SW8270: The result for benzyl alcohol in sample 11TAKU-B49-SO-W02 was rejected (R) and is unusable for decision making purposes. Benzyl alcohol does not have an ADEC limit nor is it considered a contaminant of concern at the site, therefore the impact is minimal. The nondetect result for 4-chloroaniline may be biased low; however the impact on data usability is minimal because there is no ADEC limit for 4-chloroaniline and it is not considered a contaminant of concern at the site.

MS/MSD RPD –
SW8270: The MS/MSD in parent sample 11TAKU-B49-SO-W02 for 2,4-Dimethylphenol had a RPD of 33%. The percent recovery in the MS and MSD were in control, therefore data are usable.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐No ☑ NA (Please explain.) Comments:

All surrogate recoveries with dilution factors less than or equal to five were in control.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
☐Yes ☑No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

SW8260: Methylene chloride was detected in the trip blank sample, 11FWA-B3004-TB04.

iv. If above PQL, what samples are affected?
Comments:

SW8260: Methylene chloride was detected in the trip blank sample, 11FWA-B3004-TB04. All associated sample results were nondetect except sample, 11TAKU-B49-SO-W01.

v. Data quality or usability affected? (Please explain.)
Comments:

SW8260: Methylene chloride was detected in the trip blank sample, 11FWA-B3004-TB04. All associated sample results were nondetect except sample, 11TAKU-B49-SO-W01. Sample result was qualified B to indicate the analyte was also present in the trip blank. The affected sample result did not exceeded the ADEC cleanup level and therefore not affected.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☐Yes ☑No ☐NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates although the 10% was not met for SW8015 analysis.

ii. Submitted blind to lab?

☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

$$\text{RPD (\%)} = \text{Absolute value of: } \frac{(R_1 - R_2)}{((R_1 + R_2)/2)} \times 100$$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

SW8015: The field duplicate frequency of 10% was not met for method SW8015, therefore field sampling practices pertaining to precision cannot be evaluated.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/16/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-28045-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      Samples were transferred to another Test America, Savannah, GA for SW8015 analysis.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      Cooler "Manhole" temp blank = 5.0°C; cooler temp = 4.3°C
      Cooler, TA Savannah temp blank = 1.9°C; cooler temp = 2.4°C

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the Savannah laboratory less than 2°C with no evidence of freezing.

AK101/SW8260: The sample date on the CoC (8/15/11) did not match the label on the container (8/16/11) for sample 11TAKU-B49-SO10-C01.

e. Data quality or usability affected? (Please explain.)

Comments:

The cooler arrived at the Savannah laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

AK101/SW8260: The sample date on the CoC (8/15/11) did not match the label on the container (8/16/11) for sample 11TAKU-B49-SO10-C01. The sample was logged in by the laboratory using the date on the label, which was correct. Data quality or usability were not affected.

4. Case Narrative

a. Present and understandable?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional QC failures include:

CCV %R –
SW8260: 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, Hexachlorobutadiene, Naphthalene and 1,2,3-Trichlorobenzene were recovered low in the CCV.
SW8260: Acetone was recovered high in the CCV.

c. Were all corrective actions documented?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

CCV %R –
SW8260: 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, Hexachlorobutadiene, Naphthalene and 1,2,3-Trichlorobenzene were recovered low in the CCV. Affected samples include 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05, 11TAKU-B49-SO9-C06 and 11TAKU-B49-TB02. Sample results were qualified JC- to indicate the results may be biased low. The samples were re-analyzed past hold time (4 days) for verification. All QC were in control in the batch analyzed past hold and all results were nondetect. Final results for 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene and Naphthalene were taken from the reanalyses performed past the 14 day hold time because the LCS and CCV results were within compliance.

SW8260: Acetone was recovered high in the CCV. All associated samples were nondetect except 11TAKU-B49-SO10-C02 and 11TAKU-B49-SO10-C03. The affected sample results were qualified JM+ to indicate the results may be biased high. The acetone results are significantly lower than the ADEC cleanup level and usablility is not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260 and SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

☐Yes ☑No ☐NA (Please explain.) Comments:

SW8260: Batch 580-93294: 1,2,3-Trichlorobenzene was detected in the method blank at 0.267 mg/kg, methylene chloride was detected at 0.0122 J mg/kg and hexachlorobutadiene was detectd at 0.0107 J mg/kg.

SW8270 – SIM, Batch 580-93441: Acenaphthene was detected at 0.00169 J mg/kg.

AK102/103, Batch 580-93473-1: DRO compounds were detected at 0.00214 J mg/kg and RRO compounds were detected at 0.0108 J mg/kg

Metals, Batch 580-93597: Barium was detected at 0.0692 J mg/kg.

iii. If above PQL, what samples are affected?

Comments:

SW8260: 1,2,3-Trichlorobenzene was reported from a reanalysis where the method blank was nondetect.
Methylene chloride was not detected above the LOQ (PQL); however all samples in the batch had low level detections of methylene chloride.

SW8270 – SIM, batch 580-93441: Acenaphthene was not detected in the associated samples; qualifications were not required.

AK102/103, Batch 580-93473: DRO detect less than LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☑Yes ☐ No ☐NA (Please explain.) Comments:

SW8260: Batch 580-93294: All methylene chloride detects were qualified with a B because they were less than five times the method blank value.

AK102/103, Batch 580-93473: The detected results for DRO and RRO compounds in all samples except 11TAKU-B49-C09-C05 were qualified with a B because they were less than five times the blank value.

v. Data quality or usability affected? (Please explain.)

Comments:

Results qualified with a B may be false positives or biased high.

SW8260: The results for methylene chloride in the samples were all less than the ADEC action limit, so any introduced bias has little, if any, impact on data usability.

AK102/103: The results for DRO and RRO compounds in the samples were all less than their respective ADEC limits, so any introduced bias has little, if any, impact on data usability.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑ No ☐NA (Please explain.) Comments:

SW7471: The mercury batch did not include a laboratory duplicate on a sample from this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS/LCSD %R –

SW8260: The LCS was recovered low for the following analytes: 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene and Naphthalene. The samples were re-analyzed 4 days past hold time for verification of those four analytes. All QC were in control in the batch analyzed past hold and all sample results were nondetect.**SW8260:** 1,2-Dichloropropane exceeded the upper control limit in the LCS.

SW8270: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, Acenaphthylene, Anthracene, Benzo(b)fluoranthene, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Isophorone and Nitrobenzene exceeded the upper control limit in the LCS.

MS/MSD %R –

AK101: The MSD for gasoline range organics (GRO) was recovered low in parent sample 11TAKU-B49-SO10-C02.

AK102: The MS for diesel range organics (DRO) was recovered low in parent sample 11TAKU-B49-SO10-C02.

SW8260: The MS and/or MSD were recovered low for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Chlorotoluene, 2-Hexanone, 4-Chlorotoluene, 4-Methyl-2-pentanone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, Methylene chloride, n-Butylbenzene, n-Propylbenzene, o-Xylene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichlorofluoromethane, Vinyl chloride and Xylene, Isomers m & p in sample parent sample 11TAKU-B49-SO10-C02.

SW8270: The MS and MSD were recovered high for 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 2,4,6-Trichlorophenol, 2,4-Dimethylphenol, in sample 11TAKU-B49-SO10-C02.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS/LCSD RPD –
SW8260: 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Naphthalene had poor duplicate LCS/LCSD precision.

MS/MSD RPD – The following analytes in the MS/MSD pairs (parent sample 11TAKU-B49-SO10-C02) had RPDs greater than 30%.

AK101: GRO

SW8260: 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethane, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Butanone, 2-Chlorotoluene, 4-Chlorotoluene, Benzene, Benzene-1-methyl-4-(1-methylethyl), Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethylbenzene, Isopropylbenzene, Methylene chloride, Naphthalene, n-Butylbenzene, n-Propylbenzene, o-Xylene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethene (PCE), Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene (TCE) and Xylene, Isomers m & p.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS/LCSD %R –

SW8260: 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene and Naphthalene was recovered low in the LCS. The following samples were affected: 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05, 11TAKU-B49-SO9-C06 and 11TAKU-B49-TB02.

SW8260: 1,2-Dichloropropane exceeded the upper control limit in the LCS. All results were nondetect; therefore the results were not affected.

SW8270: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, Acenaphthylene, Anthracene, Benzo(b)fluoranthene, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Isophorone and Nitrobenzene exceeded the upper control limit in the LCS. All results were nondetect; therefore the results were not affected.

MS/MSD %R –

AK101: The MSD for gasoline range organics (GRO) was recovered low in parent sample 11TAKU-B49-SO10-C02.

AK102: The MS for diesel range organics (DRO) was recovered low in parent sample 11TAKU-B49-SO10-C02.

SW8260: The MS and/or MSD were recovered low for several analytes listed above in parent sample parent sample 11TAKU-B49-SO10-C02.

SW8270: The MS and MSD were recovered high for 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 2,4,6-Trichlorophenol, 2,4-Dimethylphenol, in sample 11TAKU-B49-SO10-C02. All associated sample results were nondetect and therefore not affected.

LCS/LCSD RPD –

SW8260: 1,2,3-Trichlorobenzene had poor LCS/LCSD precision associated with samples 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05, 11TAKU-B49-SO9-C06 and 11TAKU-B49-TB02.

MS/MSD RPD –

SW8260: Several MS/MSD pairs in parent sample 11TAKU-B49-SO10-C02 had RPDs greater than 30% for the analytes listed above.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☑No ☐NA (Please explain.) Comments:

LCS/LCSD %R –
SW8260: 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene and Naphthalene were recovered low in the LCS. The following samples were affected: 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05, 11TAKU-B49-SO9-C06 and 11TAKU-B49-TB02. The affected sample results were qualified JL- to indicate the results may be biased low.

MS/MSD %R –
AK101: The MSD for gasoline range organics (GRO) was recovered low in parent sample 11TAKU-B49-SO10-C02. Sample result is qualified JM- to indicate the result may be biased low.

AK102: The MS for diesel range organics (DRO) was recovered low in parent sample 11TAKU-B49-SO10-C02. Sample result is qualified JM- to indicate the result may be biased low.

SW8260: The MS and/or MSD were recovered low for several analytes listed above in parent sample parent sample 11TAKU-B49-SO10-C02. Sample results are qualified JM- to indicate the result may be biased low.

LCS/LCSD RPD – A qualifier is not defined in the project QAPP for poor LCS/LCSD precision, therefore the samples were not qualified.
SW8260: 1,2,3-Trichlorobenzene had poor LCS/LCSD precision associated with samples 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05, 11TAKU-B49-SO9-C06 and 11TAKU-B49-TB02. The results were not qualified for poor LCS/LCSD precision. However, all of the results were qualified JL- due to low LCS/LCSD recoveries.

MS/MSD RPD – A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the samples were not qualified.
SW8260: Several MS/MSD pairs in parent sample 11TAKU-B49-SO10-C02 had RPDs greater than 30% for the analytes listed above. The results were not qualified for poor MS/MSD precision. However, most of the results were qualified JM- due to low MS/MSD recoveries.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

LCS/LCSD %R –

SW8260: 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene and Naphthalene were recovered low in the LCS. The following samples were affected: 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05, 11TAKU-B49-SO9-C06 and 11TAKU-B49-TB02. The affected sample results were qualified JL- to indicate the results may be biased low. The samples were re-analyzed 4 days past hold time for verification. All QC were in control in the batch analyzed past hold time and all sample results were nondetect. Re-analysis results are shown in Attachment B-2 Table 10.

MS/MSD %R –

AK101: The MSD for gasoline range organics (GRO) was recovered low in parent sample 11TAKU-B49-SO10-C02. Sample result is qualified JM- to indicate the result may be biased low. Sample result was significantly lower than the ADEC cleanup level and is usable.

AK102: The MS for diesel range organics (DRO) was recovered low in parent sample 11TAKU-B49-SO10-C02. Sample result is qualified JM- to indicate the result may be biased low. Sample result was greater than the ADEC cleanup level and therefore still usable.

SW8260: The MS and/or MSD were recovered low for several analytes listed above in parent sample 11TAKU-B49-SO10-C02. The majority of the sample results are qualified JM- to indicate the results may be biased low; however the results for naphthalene, 1,2-dibromoethane, 1,2-dibromo-3-chloropropane, bromoform, chloroethane and hexachlorobutadiene were rejected R due to having either the MS or MSD recovery be 0 percent and the other recovery less than 10 percent. Analytes with LOD's similar to the ADEC cleanup level may be affected may be affected by the low recoveries. The results that were rejected are not usable for decision making purposes. The only rejected result that may be a contaminant of concern at the site is naphthalene, and it was reported successfully (i.e., no qualifications) as an SVOC compound, so decisions made on naphthalene concentrations can still be performed.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8260: Surrogate, a,a,a-Trifluorotoluene was recovered low in samples 11TAKU-B49-SO10-C02 and 11TAKU-B49-SO10-C03.

SW8270: Surrogate, Phenol-d5 was recovered high in sample 11TAKU-B49-SO10-C02.

SW8270: Surrogates, 2-Fluorophenol and Phenol-d5 were recovered high in samples 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05 and 11TAKU-B49-SO9-C06.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☑Yes ☐ No ☐ NA (Please explain.) Comments:

SW8260: Surrogate, a,a,a-Trifluorotoluene was recovered low in samples 11TAKU-B49-SO10-C02 and 11TAKU-B49-SO10-C03. Results were qualified as estimated with a possible low bias (JS-) due to the low surrogate recoveries.

SW8270: Surrogate, Phenol-d5 was recovered high in samples 11TAKU-B49-SO10-C02. Per project QAPP, SW8270 results are only qualified if two or more surrogates fail recovery criteria.

SW8270: Surrogates, 2-Fluorophenol and Phenol-d5 were recovered high in samples 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05 and 11TAKU-B49-SO9-C06. All associated sample results were nondetect; therefore the results were not qualified.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

SW8260/SW8270: Failed surrogate recoveries did not affect associated sample results.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
☐Yes ☑No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

SW8260: Methylene chloride and 1,2,3-Trichlorobenzene were detected in the trip blank sample, 11TAKU-B49-TB02.

iv. If above PQL, what samples are affected?
Comments:

SW8260: Methylene chloride was detected in the trip blank sample, 11TAKU-B48-TB01. Affected samples with detections less than ten times the blank concentration include 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05 and 11TAKU-B49-SO9-C06. 1,2,3-Trichlorobenzene was not detected in any of the associated sample results and therefore not affected.

v. Data quality or usability affected? (Please explain.)
Comments:

SW8260: Methylene chloride was detected in the trip blank sample, 11TAKU-B48-TB01. Affected samples with detections less than ten times the blank concentration include 11TAKU-B49-SO10-C01, 11TAKU-B49-SO10-C02, 11TAKU-B49-SO10-C03, 11TAKU-B49-SO9-C04, 11TAKU-B49-SO9-C05 and 11TAKU-B49-SO9-C06. Sample results were qualified B to indicate the analyte was also present in the trip blank. All sample results did not exceed the ADEC cleanup level and are usable.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pair were submitted with this SDG:
11TAKU-B49-SO10-C02/11TAKU-B49-SO10-C03

ii. Submitted blind to lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☑No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

SW8015: The propylene glycol results in duplicate pair 11TAKU-B49-SO10-C02/11TAKU-B49-SO10-C03 had an RPD of 138%.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

SW8015: The propylene glycol results in duplicate pair 11TAKU-B49-SO10-C02/11TAKU-B49-SO10-C03 had an RPD of 138%. The samples were qualified JD to indicate poor duplicate precision. An ADEC cleanup level is not available for propylene glycol, however the data is still considered usable because it shows the analyte was present in the samples.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/20/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-27099

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Cooler "Raincoat" temp blank = 4.8°C; cooler temp = 6.0°C

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

e. Data quality or usability affected? (Please explain.)
Comments:

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional QC failures include:

CCV %R –
SW8270: Benzidine was recovered low in the CCV.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

CCV %R –
SW8270: Benzidine was recovered low in the CCV. Affected samples include 11FWA-TAKU-SO03-C04, 11FWA-TAKU-SO05-C05, 11FWA-TAKU-SO03-C06 and 11FWA-TAKU-SO03-C07. Sample results were qualified JC- to indicate the results may be biased low.

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☑Yes ☐No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260 and SW8270 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD.

If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. <u>QC Samples</u>

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Method blank results were all less than the LOQ (PQL).

SVOC: Batch 580-89279: Benzo(a) anthracene, 0.00742 J mg/kg, benzo(g,h,i)perylene, 0.00612 J mg/kg, chrysene 0.00705 J mg/kg and pentachlorophenol, 0.0574 J mg/kg, were all detected in the method blank. **Note that the blank value for pentachlorophenol exceeds the ADEC action level of 0.042 mg/kg.**

AK103: Batch 580-892841: RRO compounds were detected in the method blank at 0.0212 J mg/kg.

iii. If above PQL, what samples are affected?
Comments:

All blank results below LOQ (PQL)

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☑Yes ☐ No ☐NA (Please explain.) Comments:

SVOC: Batch 580-289279: The detected results for benzo(a)anthracene and chrysene in samples 11FWA-TAK-SO05-C01 and 11FWA-TAKU-SO3-C06, benzo(g,h,i)perylene in samples 11FWA-TAK-SO05-C01, 11FWA-TAKU-SO03-C02 and 11FWA-TAKU-SO3-C06, and pentachlorophenol ins samples 11FWA-TAKU-SO05-C01, 11FWA-TAKU-SO03-C02, 11FWA-TAKU-SO03-C03 and 11FWA-TAKU-SO05-C05 were all qualified with a B because the results were less than five times the respective method blank value.

AK103: The detected results for RRO compounds in all samples except 11FWA-TAKU-SO05-C07 were qualified with a B because they were less than five times the blank value.

v. Data quality or usability affected? (Please explain.)
Comments:

Results qualified with a B may be false positives or biased high.

SVOC: The detected results for benzo(a)anthracene, benzo(g,h,i)perylene and chrysene are will below their respective ADEC action levels so any introduced bias will have little, if any, impact.

The blank value for pentachlorophenol, 0.0574 J mg/kg, was greater than the ADEC action limit of 0.047 mg/kg; the detected pentachlorophenol results in all samples except 11FWA-TAKU-SO05-C01 were below the ADEC action level, so any introduced bias will have little impact on the data results. However, the pentachlorophenol result in sample 11FWA-TAKU-SO05-C01, 0.110 J mg/kg, exceeds the ADEC action level; however it is likely, based on the blank concentrations and the concurrent nondetect pentachlorophenol results reported from the SW8151 analysis, that the result is a false positive. Regardless, the result for this sample should be weighed carefully against other site conditions and contaminants when deciding what additional actions, if any, are appropriate at the location.

AK103: The detected results for residual range organic compounds were well below the ADEC action level, so any introduced bias will have little, if any, impact on the usability.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑ No ☐NA (Please explain.) Comments:

E160.3 Moisture: The batch did not include a LCS or a laboratory duplicate on this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS %R –
SW8270: The LCS was recovered low for benzidine.

MS/MSD %R –
AK101: The MSD for gasoline range organics (GRO) was recovered low in parent sample 11FWA-TAKU-SO03-C03.

AK102: The MSD for diesel range organics (DRO) was recovered low in parent sample 11FWA-TAKU-SO03-C03.

SW8081: The MS/MSD recoveries for 4,4'-DDE, 4,4'-DDT, 4,4'-DDD and Endrin were above their respective upper control limits in parent sample 11FWA-TAKU-SO03-C03.
The MS/MSD recoveries for Endosulfan I were less than the lower control limit in the parent sample 11FWA-TAKU-SO03-C03.

SW8151: Dicamba was recovered low in the MS and MSD in parent sample 11FWA-TAKU-SO03-C03.

SW8151: PCB-1260 (Aroclor 1260) was recovered high in the MS and MSD in parent sample 11FWA-TAKU-SO03-C03.

SW8082: 2,4,5-TP (Silvex) was recovered high in the MSD in parent sample 11FWA-TAKU-SO03-C03.

SW8260: Bromochloromethane was recovered high in the MS and MSD in parent sample 11FWA-TAKU-SO03-C03.

SW8270: Phenol was recovered high in the MS and MSD and benzidine was recovered below the lower control limit in the MS/MSD samples for parent sample 11FWA-TAKU-SO03-C03.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD RPD – The following analytes in the MS/MSD pairs (parent sample 11FWA-TAKU-SO03-C03) had RPDs greater than 30%.

AK101: GRO RPD = 78%
SW8081: Endosulfan I RPD = 106%
SW8082: PCB-1260 (Aroclor 1260) RPD = 167%

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS %R –

SW8270: The LCS was recovered low for benzidine. The following samples were affected: 11FWA-TAKU-SO05-C01, 11FWA-TAKU-SO03-C02, 11FWA-TAKU-SO03-C03, 11FWA-TAKU-SO03-C04, 11FWA-TAKU-SO05-C05, 11FWA-TAKU-SO03-C06 and 11FWA-TAKU-SO03-C07.

MS/MSD %R –

AK101: The MSD for gasoline range organics (GRO) was recovered low in parent sample 11FWA-TAKU-SO03-C03.

AK102: The MSD for diesel range organics (DRO) was recovered low in parent sample 11FWA-TAKU-SO03-C03.

SW8081: The MS/MSD recoveries for 4,4'-DDD, 4,4'-DDE, 4,4'-DDT and Endrin were above their respective upper control limit in parent sample 11FWA-TAKU-SO03-C03. The concentration of 4,4'-DDD, 4,4'-DDE and 4,4'-DDT in the parent sample were much greater (i.e., greater than 2x) the spike value, so the results could not be accurately quantitated and the results are therefore not affected. Endrin was nondetect in the parent sample, so the result was not affected.

The MS/MSD recoveries for Endosulfan I were below the control limit in parent sample 11FWA-TAKU-SO03-C03.

SW8151: Dicamba was recovered low in the MS and MSD in parent sample 11FWA-TAKU-SO03-C03.

SW8151: PCB-1260 (Aroclor 1260) was recovered high in the MS and MSD in parent sample 11FWA-TAKU-SO03-C03. The sample result was nondetect and therefore not affected.

SW8082: 2,4,5-TP (Silvex) was recovered high in the MSD in parent sample 11FWA-TAKU-SO03-C03. The sample results was nondetect and therefore not affected.

SW8260: Bromochloromethane was recovered high in the MS and MSD in parent sample 11FWA-TAKU-SO03-C03. The sample result was nondetect and therefore not affected.

SW8270: Phenol was recovered high in the MS and MSD in parent sample 11FWA-TAKU-SO03-C03. The sample result was nondetect and therefore not affected. The result for benzidine in sample 11FWA-TAKU-SO03-C03 was qualified as estimated with a possible low bias (JM-) due to the low MS/MSD recoveries.

MS/MSD RPD – The following analytes in the MS/MSD pairs (parent sample 11FWA-TAKU-SO03-C03) had RPDs greater than 30%.

AK101: GRO RPD = 78%
SW8081: Endosulfan I RPD = 106%
SW8082: PCB-1260 (Aroclor 1260) RPD = 167%

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☑No ☐NA (Please explain.) Comments:

LCS %R –
SW8270: The LCS was recovered low for benzidine. The following samples were affected: 11FWA-TAKU-SO05-C01, 11FWA-TAKU-SO03-C02, 11FWA-TAKU-SO03-C03, 11FWA-TAKU-SO03-C04, 11FWA-TAKU-SO05-C05, 11FWA-TAKU-SO03-C06 and 11FWA-TAKU-SO03-C07. Sample results are qualified JL- to indicate the results may be biased low.

MS/MSD %R –
AK101: The MSD for gasoline range organics (GRO) was recovered low in parent sample 11FWA-TAKU-SO03-C03. Sample result is qualified JM- to indicate the result may be biased low.

AK102: The MSD for diesel range organics (DRO) was recovered low in parent sample 11FWA-TAKU-SO03-C03. Sample result is qualified JM- to indicate the result may be biased low.

SW8151: Dicamba was recovered low in the MS and MSD in parent sample 11FWA-TAKU-SO03-C03. Sample result is qualified JM- to indicate the result may be biased low.

MS/MSD RPD – A qualifier is not defined in the project QAPP for poor MS/MSD precision, therefore the samples were not qualified.
AK101: The parent sample (11FWA-TAKU-SO03-C03) result for GRO was not qualified for poor MS/MSD precision, however the result was qualified JM- because the MSD was recovered low.

SW8081: The parent sample (11FWA-TAKU-SO03-C03) result for Endosulfan I was not qualified for poor MS/MSD precision.

SW8082: The parent sample (11FWA-TAKU-SO03-C03) result for PCB-1260 (Aroclor 1260) was not qualified for poor MS/MSD precision.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

LCS %R –

SW8270: The LCS was recovered low for benzidine. The following samples were affected: 11FWA-TAKU-SO05-C01, 11FWA-TAKU-SO03-C02, 11FWA-TAKU-SO03-C03, 11FWA-TAKU-SO03-C04, 11FWA-TAKU-SO05-C05, 11FWA-TAKU-SO03-C06 and 11FWA-TAKU-SO03-C07. Results are usable, but may be biased low.

MS/MSD %R –

AK101: The MSD for gasoline range organics (GRO) was recovered low in parent sample 11FWA-TAKU-SO03-C03. Sample result is qualified JM- to indicate the result may be biased low. Sample result was significantly lower than the ADEC cleanup level and is usable.

AK102: The MSD for diesel range organics (DRO) was recovered low in parent sample 11FWA-TAKU-SO03-C03. Sample result is qualified JM- to indicate the result may be biased low. Sample result was significantly lower than the ADEC cleanup level and is usable.

SW8081: The nondetect value for Endosulfan I in sample 11FWA-TAKU-SO03-C03 was qualified as estimated with a possible low bias (JM-) due to the low MS/MSD recoveries. There is no ADEC cleanup limit, so the data is usable but may be biased low.

SW8151: Dicamba was recovered low in the MS and MSD in parent sample 11FWA-TAKU-SO03-C03. An ADEC cleanup criteria is not available for dicamba. Result is usable, but may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8270: Surrogate, 2-Fluorophenol was recovered high in samples 11FWA-TAKU-SO03-C03, 11FWA-TAKU-SO03-C04, 11FWA-TAKU-SO03-C06 and 11FWA-TAKU-SO03-C07.

SW8081: Surrogate, Tetrachloro-m-xylene was recovered low in samples 11FWA-TAKU-SO03-C02, 11FWA-TAKU-SO05-C05 and 11FWA-TAKU-SO03-C06.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☑Yes ☑ No ☐ NA (Please explain.) Comments:

SW8270: Surrogate, 2-Fluorophenol was recovered high in samples 11FWA-TAKU-SO03-C03, 11FWA-TAKU-SO03-C04, 11FWA-TAKU-SO03-C06 and 11FWA-TAKU-SO03-C07. Per project QAPP, SW8270 results are only qualified if two or more surrogates fail recovery criteria. **SW8081:** Surrogate, Tetrachloro-m-xylene was recovered low in samples 11FWA-TAKU-SO03-C02, 11FWA-TAKU-SO05-C05 and 11FWA-TAKU-SO03-C06. Associated sample results were qualified JS- to indicate the results may be biased low.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

SW8270: Surrogate, 2-Fluorophenol was recovered high in samples 11FWA-TAKU-SO03-C03, 11FWA-TAKU-SO03-C04, 11FWA-TAKU-SO03-C06 and 11FWA-TAKU-SO03-C07. Per project QAPP, SW8270 results are only qualified if two or more surrogates fail recovery criteria. Data is usable. **SW8081:** Surrogate, Tetrachloro-m-xylene was recovered low in samples 11FWA-TAKU-SO03-C02, 11FWA-TAKU-SO05-C05 and 11FWA-TAKU-SO03-C06. Associated sample results were qualified JS- to indicate the results may be biased low. All detected sample results are significantly lower than the ADEC cleanup level. Data is usable.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☐Yes ☑No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP. **SW8260:** Trichlorofluoromethane was detected in the trip blank sample, 11FWA-TAKU-SO-TB01.

iv. If above PQL, what samples are affected?

Comments:

SW8260: Trichlorofluoromethane was detected in the trip blank sample, 11FWA-TAKU-SO-TB01. All affected sample results were nondetect except sample 11FWA-TAKU-SO03-C04.

v. Data quality or usability affected? (Please explain.)

Comments:

SW8260: Trichlorofluoromethane was detected in the trip blank sample, 11FWA-TAKU-SO-TB01. All affected sample results were nondetect except sample 11FWA-TAKU-SO03-C04. Sample results were qualified B to indicate the analyte was also present in the trip blank. The sample result did not exceed the ADEC cleanup level and is usable.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

The following duplicate pair were submitted with this SDG: 11FWA-TAKU-SO03-C03/11FWA-TAKU-SO03-C04

ii. Submitted blind to lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☑No ☐NA (Please explain.) Comments:

If the primary or duplicate sample had one result above the LOQ and one result nondetect, the LOD of the nondetect result was used to calculate the RPD. RPD's greater than 50% were not qualified if **both** the primary and duplicate sample results were less than the LOQ.

The following analytes in duplicate pair 11FWA-TAKU-SO03-C03/11FWA-TAKU-SO03-C04 had a RPD greater than 50%.

SW8270SIM: 2-Methylnaphthalene (74%), Acenaphthene (75%), Anthracene (55%), Benzo(a)anthracene (68%), Benzo(a)pyrene (58%), Benzo(b)fluoranthene (60%), Benzo(k)fluoranthene (71%), Chrysene (83%), Fluoranthene (86%), Fluorene (100%), Naphthalene (51%), Phenanthrene (89%) and Pyrene (83%).

SW8270: Acenaphthene (67%), Anthracene (73%), Benzo(a)anthracene (86%), Benzo(a)pyrene (65%), Benzo(b)fluoranthene (67%), Benzo(k)fluoranthene (53%), Chrysene (76%), Fluoranthene (73%), Phenanthrene (90%) and Pyrene (78%).

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

SW8270SIM/SW8270: The sample results in duplicate pair 11FWA-TAKU-SO03-C03/11FWA-TAKU-SO03-C04 were qualified JD to indicate poor duplicate precision for the analytes shown above. All results with poor duplicate precision were less than the ADEC cleanup level; therefore the impact on data were minimal.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/21/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-27548

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   Samples were transferred to Test America, Savannah, GA for SW8015 analysis and to Test America, Denver CO for SW8330 analysis.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑No ☐NA (Please explain.) Comments:

   Cooler "Kommondor" temp blank = 1.0°C; cooler temp = 0.8°C
   Cooler "American Eskimo Dog" temp blank = 1.2°C; cooler temp = 2.7°C
   Cooler "Blood Hound" temp blank = 2.4°C; cooler temp = 2.4°C

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☐Yes ☑ No ☐NA (Please explain.) Comments:

Upon arrival at the laboratory, one of the containers submitted for AK102/103 had a pH greater than 2. Five mLs HCl was added to the sample at the lab.

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☑Yes ☐ No ☐NA (Please explain.) Comments:

The coolers arrived at the laboratory less than 2°C.

e. Data quality or usability affected? (Please explain.)

Comments:

The coolers arrived at the laboratory less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

4. Case Narrative

a. Present and understandable?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional QC failures include:

CCV %R –SW8270: Carbazole was recovered low in the CCV.

c. Were all corrective actions documented?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

CCV %R –
SW8270: Carbazole was recovered low in the CCV. All associated sample results were nondetect and therefore not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☐Yes ☑No ☐NA (Please explain.) Comments:

The analysis for glycols was performed 11 days after sample collection, which is four days past the seven day hold time. The results for the glycol analysis in sample 11FWA-TAKU-WX01 were qualified as estimated (JH) due to the hold time exceedance.

   c. All soils reported on a dry weight basis?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

All samples submitted were aqueous.

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260, SW8270, SW8270SIM and SW8015 that have LODs greater than the ADEC cleanup criteria. See Attachment B-2, Table 8 for a list of SW8260 analytes and Table 9 for a list of SW8270, SW8270SIM and SW8015 analytes and their associated samples. Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8 or Table 9.

   e. Data quality or usability affected?

SW8260: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD. **SW8270, SW8270SIM and SW8015:** LOD's were elevated due to sample dilutions If the affected analytes are of concern, data quality may be affected because these analytes may have detections above the ADEC cleanup levels.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
☐Yes ☑No ☐NA (Please explain.) Comments:

Explosives, SW8330: Batch 280-78227: TNT was detected in the method blank a 3.06 µg/L. AK101, Batch 580-91108: GRO compounds were detected in the method blank at 0.0169 J mg/L. Metals, Batch 580-91068: Potassium was detected in the method blank at 1.4 J mg/L. SW8015 (Glycols): Ethylene glycol was detected in the method blank at 1.21 J mg/L.

iii. If above PQL, what samples are affected?
Comments:

Only the explosives compound TNT was detected in the method blank at a value above the LOQ (PQL).

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☐Yes ☐ No ☑NA (Please explain.) Comments:

Explosives: TNT not detected in the associated samples; qualifications not required. GRO: Result in associated sample well above the blank concentration; qualifications not required. Metals: Potassium detected in associated sample well above the method blank concentration; qualifications not required. SW8015: Ethylene glycol was not detected in the associated sample; qualifications were not required.

v. Data quality or usability affected? (Please explain.)
Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS %R -
SW8270: The LCS and/or LCSD were recovered high for 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Nitrophenol, Carbazole, Dimethyl phthalate and Phenol.

MS/MS %R –
SW6010/6020/7470: The MS/MSD recoveries for magnesium (77%/76%, 80 – 120%)and mercury (57%/55%, 80 – 120%) were less than the lower control limit. The MS/MSD recoveries for selenium (124%/126%, 80 – 120%) were greater than the upper control limit.

DoD QSM Requirement Failure –
A MS and MSD were not submitted with this SDG, however the laboratory performed a MS/MSD on sample 11FWA-TAKU-WX01 for methods SW6020/7470. All other methods did not contain a project specific MS/MSD; therefore, DoD QSM requirements were not met. However, the MS/MSD frequency of 5% for the project was met in accordance with the approved Fort Wainwright Post Wide Work Plan.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS %R –
SW8270: The LCS and/or LCSD were recovered high for 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Nitrophenol, Carbazole, Dimethyl phthalate and Phenol. All associated sample results were nondetect and therefore not affected.

MS/MSD %R –
SW6010/6020/7470: Sample 11FWA-TAKU-WX01 was analyzed at a 1:5 dilution for selenium, so qualifications based on the high MS/MSD recoveries do not apply. The magnesium and mercury recoveries were less than the lower control limit; sample 11FWA-TAKU-WX01 was affected.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☐No ☐NA (Please explain.) Comments:

MS/MSD %R –
SW6010/6020/7470: The results for magnesium and mercury in sample 11FWA-TAKU-WX01 were qualified as estimated with a possible low bias (JM-) due to the low MS/MSD recoveries.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ☑No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

SW8082: Surrogate, Decachlorobiphenyl was recovered low in sample 11FWA-TAKU-WX01.

SW8260L: Surrogate, Ethylbenzene-D10 was recovered high in sample 11FWA-TAKU-WX01.

SW8330: Surrogate, 1,2-Dinitrobenzene was recovered high in sample 11FWA-TAKU-WX01.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☑Yes ☑ No ☐ NA (Please explain.) Comments:

SW8082: Surrogate, Decachlorobiphenyl was recovered low in sample 11FWA-TAKU-WX01. Associated sample results were qualified JS- to indicate the results may be biased low.

SW8260L: Surrogate, Ethylbenzene-D10 was recovered high in sample 11FWA-TAKU-WX01. The result for PCE was qualified as estimated with a possible high bias (JS+) due to the high surrogate recovery. Other detected compounds in the sample were not associated with this surrogate.

SW8330: Surrogate, 1,2-Dinitrobenzene was recovered high in sample 11FWA-TAKU-WX01. Associated sample results with detections were qualified JS+ to indicate the result may be biased high.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

SW8082: Surrogate, Decachlorobiphenyl was recovered low in sample 11FWA-TAKU-WX01. Associated sample results were qualified JS- to indicate the results may be biased low.

SW8260L: Surrogate, Ethylbenzene-D10 was recovered high in sample 11FWA-TAKU-WX01. Per project QAPP, SW8260 results are only qualified if two or more surrogates fail recovery criteria; therefore results were not qualified. Data are usable.

SW8330: Surrogate, 1,2-Dinitrobenzene was recovered high in sample 11FWA-TAKU-WX01. Associated sample results with detections were qualified JS+ to indicate the result may be biased high. All detected sample results are less than the ADEC cleanup levels. Data are usable.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☐Yes ☑No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

SW8260: Methylene chloride was detected in the trip blank sample, 11FWATB05-GWS.

iv. If above PQL, what samples are affected?

Comments:

SW8260: Methylene chloride was detected in the trip blank sample, 11FWATB05-GWS. The associated sample result was nondetect and therefore not affected.

v. Data quality or usability affected? (Please explain.)

Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☐Yes ☑No ☐NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG, therefore a field duplicate of aqueous matrix did not meet the 10% frequency requirement.

ii. Submitted blind to lab?
☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/22/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: SGS, Anchorage, AK Laboratory Report Number: 1118745

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   Samples were transferred to Columbia Analytical Services (CAS), Kelso, WA for explosives analysis by method SW8330.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

   Cooler "Subs" Fairbanks temp blank = 1.4°C; Anchorage temp blank = 1.2°C
   Cooler shipped to CAS, temp blank = 5.4°C; cooler temp = 2.1°C

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☑Yes ☐ No ☐NA (Please explain.) Comments:

The cooler arrived at the laboratory less than 2°C with no evidence of freezing.

e. Data quality or usability affected? (Please explain.)

Comments:

The cooler arrived at the Fairbanks and Anchorage laboratories less than 2°C with no evidence of freezing; therefore there was no effect on the data quality or usability.

4. Case Narrative

a. Present and understandable?

☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional QC failures include:
CCV %R -
SW8260: CCV recoveries were high for Dichlorodifluoromethane and Vinyl chloride.

c. Were all corrective actions documented?

☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

CCV %R -
SW8260: CCV recoveries were high for Dichlorodifluoromethane and Vinyl chloride. All associated sample results were nondetect and not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260B and SW8270 that have LODs greater than the ADEC cleanup criteria. The samples submitted with this SDG were submitted for waste characterization. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

   e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD. The samples submitted with this SDG were submitted for waste characterization; therefore the impact on data is minimal.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☐Yes ☐ No ☑NA (Please explain.) Comments:

All method blank results were less than ½ LOQ.

v. Data quality or usability affected? (Please explain.)

Comments:

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑ No ☐NA (Please explain.) Comments:

SW7471/SW6020: The batches did not contain a laboratory duplicate on this SDG.
SW2540: The batch did not contain a LCS or a laboratory duplicate on this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑ No ☐NA (Please explain.) Comments:

LCS/LCSD %R -
SW8260: Dichlorodifluoromethane was recovered high in the LCS.

MS/MSD %R –
SW8270: 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene and 1,4-Dichlorobenzene were recovered low in the MS and MSD of parent sample 11TAKU-B27-SO-W01.

DoD QSM Requirement Failure –
An MS and MSD were not submitted with this SDG, however the laboratory performed a MS/MSD on sample 11TAKU-B27-SO-W01 for methods SW8270. All other methods did not contain a project specific MS/MSD; therefore, DoD QSM requirements were not met. However, the MS/MSD frequency of 5% for the project was met in accordance with the approved Fort Wainwright Post Wide Work Plan.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS/LCSD %R -
SW8260: Dichlorodifluoromethane was recovered high in the LCS. All associated sample results were nondetect and not affected.

MS/MSD %R –
SW8270: 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene and 1,4-Dichlorobenzene were recovered low in the MS and MSD of parent sample 11TAKU-B27-SO-W01.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☑No ☐NA (Please explain.) Comments:

MS/MSD %R –
SW8270: 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene and 1,4-Dichlorobenzene were recovered low in the MS and MSD of parent sample 11TAKU-B27-SO-W01. The sample results were qualified JM- to indicate the result may be biased low.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

MS/MSD %R –
SW8270: 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene and 1,4-Dichlorobenzene were recovered low in the MS and MSD of parent sample 11TAKU-B27-SO-W01. The sample results were qualified JM- to indicate the result may be biased low. The sample was submitted for waste purposes only; therefore the affect is minimal.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☐Yes ☐ No ☑ NA (Please explain.) Comments:

All surrogate recoveries with dilution factors less than five were in control.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates.

ii. Submitted blind to lab?

☐Yes ☐ No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐No ☑NA (Please explain.) Comments:

A duplicate pair was not submitted with this SDG

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/23/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-28262

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

      The released section is signed, but not dated.

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Cooler "Speedy" temp blank = 2.2°C; cooler temp = 3.9°C

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

The sample ID on the container (11FWA-B49-SO-W02) did not match the CoC (11FWA-B49-SO-W03).

e. Data quality or usability affected? (Please explain.)
Comments:

The sample ID on the container (11FWA-B49-SO-W02) did not match the CoC (11FWA-B49-SO-W03). The sample was logged in according to the CoC, which was correct. Data quality or usability were not affected.

4. Case Narrative
a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional QC failures include:

CCV %R –
SW8260: Chloroethane was recovered high in the CCV.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

CCV %R –
SW8260: Chloroethane was recovered high in the CCV. All associated sample results were nondetect and therefore not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260 and SW8270 that have LODs greater than the ADEC cleanup criteria. The samples submitted with this SDG were submitted for waste characterization. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

   e. Data quality or usability affected?

SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD. The samples submitted with this SDG were submitted for waste characterization; therefore the impact on data is minimal.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

All blank results less than the LOQ (PQL).

iii. If above PQL, what samples are affected?

Comments:

All blank results less than the LOQ (PQL).

SW8270 – SIM, batch 580-93986: Pyrene was detected at 0.00152 J mg/kg

SW8270, batch 580-93986: Diethylphthalate was detected at 0.0445 J mg/kg

AK102, batch 580-94115: DRO compounds were detected at 4.77 J mg/kg

AK101, batch 580-94142: GRO compounds were detected tat 0.704 J mg/kg

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☑Yes ☐ No ☐NA (Please explain.) Comments:

SW8270 – SIM, batch 580-93986: The detected results for pyrene in all associated samples were qualified with a B because the results were less than five times the method blank value.

SW8270, batch 580-93986: Diethylphthalate was not detected in any of the samples; qualifications were not required.

AK102, batch 580-94115: The detected results for DRO compounds in all associated samples were qualified with a B because the results were less than five times the method blank values.

AK101, batch 580-94142: The detected results for GRO compounds in all associated samples were qualified with a B because the results were less than five times the method blank values.

v. Data quality or usability affected? (Please explain.)

Comments:

Results qualified as a B may be false positives or biased high.

The results are usable. All results qualified with a B are well below their respective ADEC action levels, therefore any introduced bias would have little, if any, impact on the data.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☐Yes ☑ No ☐NA (Please explain.) Comments:

SW6020: The metals batch did not include a laboratory duplicate on a sample from this SDG.
E160.3 Percent Moisture: The batch did not contain a LCS or a lab duplicate on this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS %R –
SW8270: The LCS was recovered high for Acenaphthylene, Diethyl phthalate, Dimethyl phthalate and Di-n-butyl phthalate.

SW8260: The LCS was recovered high for 1,2-Dichloropropane.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS %R –
SW8270: The LCS was recovered high for Acenaphthylene, Diethyl phthalate, Dimethyl phthalate and Di-n-butyl phthalate. All associated sample results were nondetect and not affected.

SW8260: The LCS was recovered high for 1,2-Dichloropropane. All associated sample results were nondetect and not affected.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☐Yes ☐No ☑NA (Please explain.) Comments:

None of the samples were affected.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☐Yes ☐No ☑ NA (Please explain.) Comments:

All surrogate recoveries with a dilution factor less than five were in control.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☑Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were all less than the LOQ (PQL).

iv. If above PQL, what samples are affected?

Comments:

Trip blank results were not above the PQL (LOQ). 11TAKU-B49-TB03: GRO compounds were detected in the sample at 0.88 J mg/kg. All associated detected GRO results were qualified with a B because the results were less than five times the TB concentration.

v. Data quality or usability affected? (Please explain.)

Comments:

Results qualified as a B may be false positives or biased high. The results are usable. All results qualified with a B are well below the respective ADEC action levels, therefore any introduced bias would have little, if any, impact on the data.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☑Yes ☐No ☐NA (Please explain.) Comments:

A field duplicate was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates.

ii. Submitted blind to lab?

☐Yes ☐ No ☑NA (Please explain.) Comments:

A field duplicate was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

$$\text{RPD (\%)} = \text{Absolute value of: } \frac{(R_1 - R_2)}{((R_1 + R_2)/2)} \times 100$$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐No ☑NA (Please explain.) Comments:

A field duplicate was not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 2/22/11

CS Report Name: Former Communication Site 2011 Report Date: March 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America, Tacoma, WA Laboratory Report Number: 580-28179

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☑NA (Please explain.) Comments:

      Samples were not transferred to another laboratory.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

      Cooler "Roll the Dice" temp blank = 4.0°C; cooler temp = 3.6°C

   b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
☑Yes ☐ No ☐NA (Please explain.) Comments:

A trip blank was submitted to the laboratory for AK101 and SW8260, but was not documented on the CoC.

e. Data quality or usability affected? (Please explain.)
Comments:

A trip blank was submitted to the laboratory for AK101 and SW8260, but was not documented on the CoC. The laboratory assigned the trip blank sample ID "TB". There is no affect on data quality or usability.

4. Case Narrative

a. Present and understandable?
☑Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional QC failures include:

CCV %R –
SW8260: Chloroethane was recovered high in the CCV.

SW8081: Endrin was recovered high in the CCV.

c. Were all corrective actions documented?
☑Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

CCV %R –
SW8260: Chloroethane was recovered high in the CCV. All associated sample results were nondetect and therefore not affected.

SW8081: Endrin was recovered high in the CCV. All associated sample results were nondetect and therefore not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ☑Yes ☐No ☐NA (Please explain.) Comments:

   c. All soils reported on a dry weight basis?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

   d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
      ☐Yes ☑ No ☐NA (Please explain.) Comments:

The laboratory limit of detections (LOD) for nondetect results were evaluated against ADEC cleanup levels. There are multiple analytes for methods SW8260 and SW8270 that have LODs greater than the ADEC cleanup criteria. The samples submitted with this SDG were submitted for waste characterization. See Attachment B-2, Table 8 for a list of these analytes and associated samples.

Note: Sample results are reported to the detection limit (DL) and considered an estimate. Sample results detected between the DL and LOD are not included in Table 8.

   e. Data quality or usability affected?

SW8270: ADEC criteria for several analytes are lower than current methodology can accurately distinguish to the LOD. The samples submitted with this SDG were submitted for waste characterization; therefore the impact on data is minimal.

Comments:

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Blank results were less than the LOQ (PQL). AK103, Batch 580-93594: RRO compounds detected at 18.8 J mg/kg. Metals, Batch 580-93917: Barium detected at 0.0731 mg/kg and lead detected at 0.0142 J mg/kg

iii. If above PQL, what samples are affected?
Comments:

Blank results were less than the LOQ (PQL).

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☑Yes ☐ No ☐NA (Please explain.) Comments:

AK103, Batch 580-93594: All detected results for RRO compounds were qualified with a B because they were less than five times the method blank concentration.

v. Data quality or usability affected? (Please explain.)
Comments:

Results qualified with a B may be false positives or biased high. AK103: Data is usable because the detected results are much lower than the ADEC action limit, therefore any introduced bias has little, if any, impact on the data.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
☐Yes ☑ No ☐NA (Please explain.) Comments:

SW7471: The batch did not contain a laboratory duplicate on a sample from this SDG. **E160.3 Moisture:** The batch did not contain a LCS or a laboratory duplicate on this SDG.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ☑No ☐NA (Please explain.) Comments:

LCS %R –

SW8270: The LCS was recovered high for 1,2-Dichlorobenzene, Acenaphthylene, Anthracene, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate and Di-n-butyl phthalate.

SW8151: The LCS was recovered high for 2,4,5-TP (Silvex) and Dicamba.

SW8260: The LCS was recovered high for 1,2-Dichloropropane.

MS/MSD %R –

SW8270: The MS and/or MSD were recovered high for 1,2-Dichlorobenzene, 2,4-Dimethylphenol, 2-Chloronaphthalene, 4-Nitroaniline, Acenaphthylene, Anthracene, Carbazole, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Fluoranthene and Isophorone in sample 11TAKU-B24-SO-W02. The MS/MSD recoveries were low in sample 11TAKU-B24-SO-W02.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☑Yes ☐No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

LCS %R –

SW8270: The LCS was recovered high for 1,2-Dichlorobenzene, Acenaphthylene, Anthracene, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate and Di-n-butyl phthalate. Several of the associated sample results were nondetect and not affected. The following samples had detections for the listed analytes and were affected:

Anthracene - 11TAKU-MW62-SO-W01, 11TAKU-MW62-SO-W02
Dibenzofuran - 11TAKU-MW62-SO-W01
Diethyl phthalate - 11TAKU-MW62-SO-W02

SW8151: The LCS was recovered high for 2,4,5-TP (Silvex) and Dicamba. All associated sample results were nondetect and not affected.

SW8260: The LCS was recovered high for 1,2-Dichloropropane. All associated sample results were nondetect and not affected.

MS/MSD %R –

SW8270: The MS and/or MSD were recovered high for 1,2-Dichlorobenzene, 2,4-Dimethylphenol, 2-Chloronaphthalene, 4-Nitroaniline, Acenaphthylene, Anthracene, Carbazole, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Fluoranthene and Isophorone in sample 11TAKU-B24-SO-W02. All sample results were nondetect and therefore not affected. Sample 11TAKU-B24-SO-W02 was affected by the low MS/MSD recoveries

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

☑Yes ☐No ☐NA (Please explain.) Comments:

LCS %R –

SW8270: The LCS was recovered high for 1,2-Dichlorobenzene, Acenaphthylene, Anthracene, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate and Di-n-butyl phthalate. Several of the associated sample results were nondetect and not affected. The following samples had detections for the listed analytes and were qualified JL+ to indicate the result may be biased high:

Anthracene - 11TAKU-MW62-SO-W01, 11TAKU-MW62-SO-W02
Dibenzofuran - 11TAKU-MW62-SO-W01
Diethyl phthalate - 11TAKU-MW62-SO-W02

MS/MSD % R –

SW8270: The result for benzidine in sample 11TAKU-B24-SO-W02 was qualified as estimated with a possible low bias (JL-) due to the low MS/MSD recoveries.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

LCS %R –
SW8270: The LCS was recovered high for 1,2-Dichlorobenzene, Acenaphthylene, Anthracene, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate and Di-n-butyl phthalate. Several of the associated sample results were nondetect and not affected. The following samples had detections for the listed analytes and were qualified JL+ to indicate the result may be biased high:

Anthracene - 11TAKU-MW62-SO-W01, 11TAKU-MW62-SO-W02
Dibenzofuran - 11TAKU-MW62-SO-W01
Diethyl phthalate - 11TAKU-MW62-SO-W02

The affected samples were submitted for waste characterization only and therefore the impact was minimal and data is usable.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☑Yes ☐No ☐NA (Please explain.) Comments:

Surrogate recoveries were only evaluated if the sample dilution factor was less than five.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐No ☑ NA (Please explain.) Comments:

All surrogate recoveries with a dilution factor less than five were in control.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☑Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☐Yes ☑ No ☐NA (Please explain.) Comments:

A trip blank was submitted to the laboratory for AK101 and SW8260, but was not documented on the CoC. The laboratory assigned the trip blank sample ID "TB". There is no affect on data quality or usability.

iii. All results less than PQL?
☑Yes ☐No ☐NA (Please explain.) Comments:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)
Comments:

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☑Yes ☐No ☐NA (Please explain.) Comments:

A field duplicate was not submitted with this SDG. However, 10% of the samples submitted for the entire project were duplicates.

ii. Submitted blind to lab?
☐Yes ☐ No ☑NA (Please explain.) Comments:

A field duplicate was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐No ☑NA (Please explain.) Comments:

A field duplicate was not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ☐ No ☑NA (Please explain.) Comments:

Disposable sampling equipment used to collect samples.

i. All results less than PQL?

☐Yes ☐ No ☑NA (Please explain.) Comments:

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

ATTACHMENT B-4

Laboratory Deliverables

(Provided on CD in a separate electronic folder)

APPENDIX C

Waste Management Documentation

Waste Tracking Spreadsheet

Waste Tracking Spreadsheet

Site ID	Generation Date	Initials	Waste ID (ex. Supersack, Drum, etc)	Contents	Volume	Units	Estimated Weight	Date Staged	Staging area	Tracking #	Comments	Date Sampled for Waste	Results Received	Date Transferred	TSDF	Manifest No.
Taku- MW62	21-Jun	JY/DH	5- gallon bucket	Purge water	3.5	gal	NA	21-Jun	Connex Yard	NA	Purge water from MW-62					
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS01	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS02	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS03	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS04	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS05	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS06	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS07	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS08	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS09	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS10	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS11	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS12	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS13	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS14	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS15	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS16	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS17	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS18	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS19	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS20	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS21	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS22	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS23	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS24	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS25	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS26	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS27	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS28	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS29	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS30	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS31	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS32	TCE contaminated soil from MW62	8/20/2011				
Taku- MW62	28-Jun	CJ	Supersack	TCE contaminated soil	1	cy	NA	29-Jun	Chipbarn	11FWA-TAKU-SS33	TCE contaminated soil from MW62	8/20/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS01	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS02	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS03	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS04	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS05	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS06	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS07	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS08	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS09	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS10	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS11	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS12	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS13	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS14	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS15	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	Supersack	burnpit soil	1	cy	NA	3-Aug	Chipbarn	11FWA-TAKU-B27-SS16	Soil excavated from building 27 in taku gardens	8/17/2011				
Taku-B27	3-Aug	CJ/DH	End Dump (10cy)	burnpit soil	20	cy	NA	3-Aug	Chipbarn	NA	Soil excavated from building 27 in taku gardens	8/18/2011				
Taku- B42	6-Aug	CJ/DH	End Dump (10cy)	POL/Solvent contaminated soil	150	cy	NA		Chipbarn	NA	15 end dump loads	8/24/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS01	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS02	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS03	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS04	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS05	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS06	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS07	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS08	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS09	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS10	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS11	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS12	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS13	TCP contaminated soil from Building 24	8/20/2011				
Taku-B24	6-Aug	KT	Supersack	TCP Contaminated soil	1	cy	NA		Chipbarn	11TAKU-B24-SS14	TCP contaminated soil from Building 24	8/20/2011				
Taku- B48	6-Aug	KT	Supersack	PAH Contaminated Soil	1	cy	NA		Chipbarn	11TAKU-B48-SS01	Benzo(a)pyrene contaminated soil from Building 48	8/20/2011				
Taku- B48	6-Aug	KT	Supersack	PAH Contaminated Soil	1	cy	NA		Chipbarn	11TAKU-B48-SS02	Benzo(a)pyrene contaminated soil from Building 48	8/20/2011				
Taku- B48	6-Aug	KT	Supersack	PAH Contaminated Soil	1	cy	NA		Chipbarn	11TAKU-B48-SS03	Benzo(a)pyrene contaminated soil from Building 48	8/20/2011				

Waste Tracking Spreadsheet

Site ID	Generation Date	Initials	Waste ID (ex. Supersack, Drum, etc)	Contents	Volume	Units	Estimated Weight	Date Staged	Staging area	Tracking #	Comments	Date Sampled for Waste	Results Received	Date Transferred	TSDF	Manifest No.
Taku- B48	6-Aug	KT	Supersack	PAH Contaminated Soil	1	cy	NA		Chipbarn	11TAKU-B48-SS04	Benzo(a)pyrene contaminated soil from Building 48	8/20/2011				
Taku- B48	6-Aug	KT	Supersack	PAH Contaminated Soil	1	cy	NA		Chipbarn	11TAKU-B48-SS05	Benzo(a)pyrene contaminated soil from Building 48	8/20/2011				
Taku- B48	6-Aug	KT	Supersack	PAH Contaminated Soil	1	cy	NA		Chipbarn	11TAKU-B48-SS06	Benzo(a)pyrene contaminated soil from Building 48	8/20/2011				
Taku- B48	6-Aug	KT	Supersack	PAH Contaminated Soil	1	cy	NA		Chipbarn	11TAKU-B48-SS07	Benzo(a)pyrene contaminated soil from Building 48	8/20/2011				
Taku- B48	6-Aug	KT	Supersack	PAH Contaminated Soil	1	cy	NA		Chipbarn	11TAKU-B48-SS08	Benzo(a)pyrene contaminated soil from Building 48	8/20/2011				
Taku- B48	6-Aug	KT	Supersack	PAH Contaminated Soil	1	cy	NA		Chipbarn	11TAKU-B48-SS09	Benzo(a)pyrene contaminated soil from Building 48	8/20/2011				
Taku- B42	6-Aug	CJ/DH	End Dump (10cy)	POL/Solvent contaminated soil	180	cy	NA		Chipbarn	NA	18 loads, previously stockpiled behind building 12	8/24/2011				
Taku-B49	8/16/2011	CJ	End Dump (10cy)	Glycol Contaminated Soil	30	cy	NA		Chipbarn	NA	Glycol contaminated soil from Building 49	8/24/2011				
Taku- B08	15-Sep	CJ	End Dump (10cy)	POL contaminated soil	125	cy	NA		Chipbarn	NA	12.5 loads					
Taku- B08	16-Sep	CJ	End Dump (10cy)	POL contaminated soil	230	cy	NA		Chipbarn	NA	23 loads					
Taku- B08	17-Sep	CJ	End Dump (10cy)	POL contaminated soil	170	cy	NA		Chipbarn	NA	17 loads					
Taku- B08	19-Sep	CJ	End Dump (10cy)	POL contaminated soil	180	cy	NA	19-Sep	Chipbarn	NA	18 loads					
Taku- B38	20-Sep	CJ	End Dump (10cy)	POL contaminated soil	15	cy	NA	20-Sep	Chipbarn	NA	1.5 loads					
Taku- B38	28-Sep	SB	End Dump (10cy)	POL contaminated soil	50	cy	NA	28-Sep	Chipbarn		5 loads					
Taku- B08	3-Oct	CJ	End Dump (10cy)	POL contaminated soil		cy	NA	1-Oct	Chipbarn	NA						
Taku- B08	3-Oct	CJ	End Dump (10cy)	POL contaminated soil	250	cy	NA	3-Oct	Chipbarn	NA	25 loads					
Taku- B08	4-Oct	SB	End Dump (10cy)	POL contaminated soil	80	cy	NA	4-Oct	Chipbarn	NA						
Taku- B08	5-Oct	SB	End Dump (10cy)	POL contaminated soil	130	cy	NA	5-Oct	Chipbarn	NA						
Taku- B08	6-Oct	SB	End Dump (10cy)	POL contaminated soil	150	cy	NA	6-Oct	Chipbarn	NA						

C&R PIPE & STEEL
(907) 456-8386
OUTBOUND WEIGHT TICKET

Taku Gardens
Scrap metal

Truck ID: 29
Description: JACOBS COST

Gross Weight: 22540 lb
Tare Weight: 18300 lb
Net Weight: 4240 lb

Ticket #: 8414

CHARGE?

08-26-11 11:55 am

JACOBS

4300 B Street, Suite 600
Anchorage, Alaska 99503, U.S.A.
1.907.563-3322 Fax 1.907.563-3320

12 October 2011

Mr. Dennis Wilfer, President
C & R Pipe and Steel, Inc.
401 East Van Horn Road
P.O. Box 70743
Fairbanks, Alaska 99707

RE: Transfer of Munitions Debris

Dear Mr. Wilfer:

Jacobs Engineering Group, Inc. (JEG) owns the munitions debris staged at Range Control, Fort Wainwright, Alaska. JEG proposes a no cost transfer of munitions debris to C & R Pipe and Steel Inc. providing the following conditions are met.

1. All of the munitions debris will be placed into a smelter and recycled.
2. A chain of custody will be maintained and a certification of smelting will be provided to Jacobs.

"This certifies that the material listed has been 100 percent properly inspected and, to the best of our knowledge and belief, are free of explosive hazards, engine fluids, illuminating dials and other visible liquid HTRW materials.

Certified this 12th day of October 2011 by Mr. Kelly Groff, UXO Safety Officer, Jacobs Engineering, Taku Gardens, Fort Wainwright, AK.

Kelly Groff Kelly R Groff Dated: 10/10/2011
Signature

Verified this 12th day of October 2011 by Mr. Pete Redmond, Senior UXO Supervisor, Jacobs Engineering, Taku Gardens, Fort Wainwright, AK.

Pete Redmond Peter Redmond Dated: 10/12/2011
Signature

APPENDIX D

Logbooks, Soil Boring Logs, and Groundwater Forms

Logbooks

"Rite in the Rain"®

ALL-WEATHER

UNIVERSAL

No. 373

2011 TAKU

BOOK 1 of 3

AKERS-UR-Ø5F5Ø7-HØ4-ØØ25

behind
Blg 8, 10, 12
criteria 5 ppm
no more than 5/pile
1 hit per pile, pull pile

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

Name _____

Address _____

Phone _____

Project _____

"Rite in the Rain" - a unique all-weather writing surface created to shed water and to enhance the written image. Makes it possible to write sharp, legible field data in any kind of weather.

a product of

J. L. DARLING CORPORATION
TACOMA, WA 98424-1017 USA
www.RiteintheRain.com

CONTENTS

PAGE	REFERENCE	DATE

6/21/[illegible]

0700 TAILGATE
1030 CALIBRATE YSI 556-02
pH 4.0 @ 20C = 4.00
= 4.01
pH 7.0 @ 20C = 7.02
= 7.03
ORP = 240mV
= 240.1
CONDUCTIVITY @ 20C = 1305 µs/cm
= 1.305 ms/cm
DO @ 758.4 mm Hg
% DO = 99.8
PID calibration: fresh air: 0.0 ppm
ISO: 101 ppm
1330 ARRIVE ONSITE TO
SAMPLE MW6 2
1345 NO BUCKETS. CALL PR
TO BRING SOME OUT
1410 START PUMPING
1412 STOP PUMPING.
NO TURBIDIMETER.
1430 RETURN TO SITE

Scale: 1 square = _____

6/21 MW62

0700 TAILGATE CAL CHECK
0835 ARRIVE ONSITE
PERSONNEL: JY/DH
WEATHER: PARTLY CLOUDY 70F
0842 START PUMPING.
SEE ALSO WELL LOG.
1315 DEPART SITE FOR
SAMPLE MANAGEMENT

7/11/11 SEE ALSO PG 7

0700 TAILGATE
0720 CALIBRATE YSI (TTT) 556
pH 4.01 @ 20C 4.00
= 3.99
pH 7.00 @ 20C 7.02
= 7.02
COND @ 20C 1278
1278
ORP @ 25C = 240mV
= 240.0
DO @ 753.2 mm Hg
= 99.1
7:30 calibrate YSI 556.02
pH 4.01 w 20C 4.00
= 3.99
pH 7.00 w 20°C 7.02
= 7.02
cond w 20°C 1278
= 1.279
ORP w 25°C = 240mV
= 240.0
DO w 100.6%
764.1 mm Hg

Scale: 1 square =

Scale: 1 square =

MW-62 Excavation 6/28

0700 · Tailgate

0800 · Calibrate PID #
Fresh Air: 0.0 ppm
Isob: 101

0900 · Arrive onsite
CJ, DH, KT, Robbie, Monty, Cody
Weather: Raining · 50° F
Equipment: Cat 303C excavator
~~Cat~~ Case 420 skid stear

0930 · Mark excavation
~~5' out from~~ 10'x 10' centered on well - will dig to 5' bgs

0937 · Begin excavation

1130 · Continuing excavation
19 supersacks so far

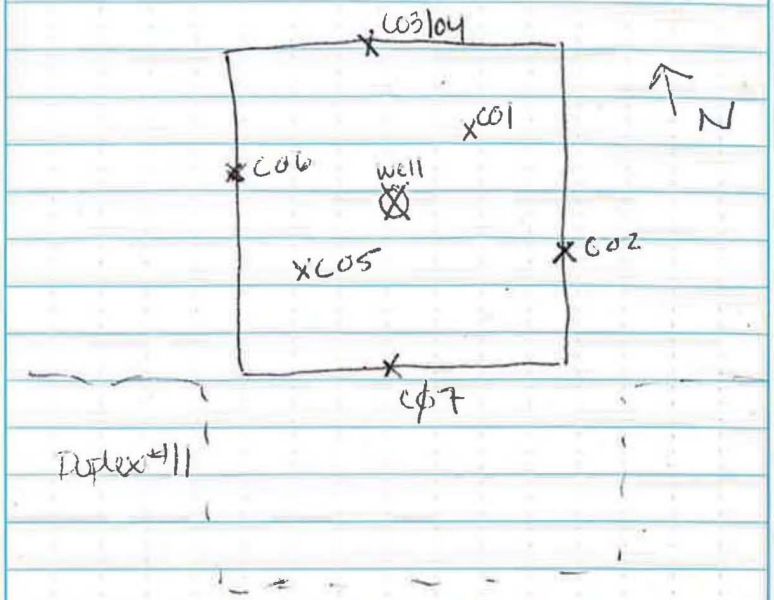
1200 · Depart site for lunch

1250 · Return to site + continue excavating

6/28

1400 - JM visits site

1430 - Finish super sacking
+ collect samples



33 total supersacks

1/2 - 3/4 full

Scale: 1 square = _____

MW62 - Excavation 6/28

1435 11FWA - TAKUMW62 - S005 - C01
1 x 4oz - AK101, SW8260
2 x 8oz AK102, 103, SW8270, 8270 SIM
6020, 7471, 8081, 8082, 8151

1438 11FWA - TAKUMW62 - S003 - C02
1 x 4oz
2 x 8oz.

1444 11FWA - TAKUMW62 - S003 - C03
1 x 4oz
3 x 8oz
MS / MSD

1444 11FWA TAKUMW62 - S003 - C04
1 x 4oz
2 x 8oz
Duplicate

1447 11FWA - TAKUMW62 - S005 - C05
1 x 4oz
2 x 8oz

Scale: 1 square = _____

6/28

1456 - 11FWA - Takum ~~Wolz~~ CS - S0Ø3 - C06
1x 4oz
2x 8oz

1500 11FWA - Takum ~~Wolz~~ CS - S0Ø3 - C07
1x 4oz
2x 8oz (clear jars)

1530 - Clean up site & depart for field trailer

Scale: 1 square =

7/1/11

Activity - recon soil vapor monitoring points
Crew - Katie Thomas, David Hooper
0920 arrive onsite check in with American Mechanical
1030 Depart site, located 36 monitoring points.
the monitoring point south of Building 29, may have a nest of bumble bees.
checked out with American Mechanical
1040 arrive at field trailers
most monitoring points covered with large orange cone and sometimes a taller reflector.
most of the outer casings, ~2in diameter, black, plastic, were loose.
the monitoring point tubing was not loose

Scale: 1 square =
"Rite in the Rain"

0830 ARRIVE ONSITE TO
SAMPLE MW 40 & MW78
1130 BREAK FOR LUNCH
1230 ARRIVE ONSITE TO SAMPLE
MW39 & MW 79
SEE ALSO GROUNDWATER DATA
SHEETS
1655 DEPART SITE FOR

Scale: 1 square =

7/12/11

0700 Tailgate
0730 Calibration checks on YSI's
at 16-20°c SpeC 7630-7970 µS/cm
Orp 222-252 mV
pH 6.8-7.2

YSI556 SpeC 7796 µS/cm
Orp 252.8 mV
pH 7.19
DO 98.1 %
YSI 556-02 SpeC 7969 µS/cm
Orp 252.2 mV
pH 6.91
DO 94.4%

Scale: 1 square =

"Rite in the Rain"

7/13/11

0700 Tailgate

0725 calibration check YSI's

at 16-20°C Spec 7630-7970 µS/cm

Orp 222-252 mV

pH 6.8-7.2

YSI-556 Spec 7217 µS/cm

Orp 259.1 mV

pH 7.22

DO 98.8 %

YSI-556-02 Spec 7800 µS/cm

Orp 249.9 mV

pH 7.22

DO 108.4%

Scale: 1 square =

7/14

0700 Tailgate

0715 calibrate YSI

pH 4.00 @ 20°C, 7.02 @ 20°C

ORP 240mV @ 25°C

Spec ~~1413~~ 1278 µS/cm @ 20°C

YSI 556 pH 4.00

6.99

Orp 240 mV

Spec 1278 µS/cm

DO 98.5% mmHg 747.1

YSI-556-02 pH 4.00

7.00

ORP 240mV

Spec 1.278 mS/cm

DO 99.6% mmHg 757.0

Scale: 1 square =

"Rite in the Rain"

7/15/11

0700 Tailgate

0715 Calibration check YSI's

~~YSI-e~~

at 16-20°c Spec 7630-7990 µS/cm

Orp 222-252 mV

pH 6.8-7.2

YSI-556 Spec 7799 µS/cm

Orp 243.2 mV

pH 7.20

DO 102.3%

Scale: 1 square = _____

7/16/11

0700 ~~C~~ Tailgate

0740 Calibrate new YSI

cal-check on oth YSI's

cal-check at 16-20°c Spec 7630-7990 µS/cm

~~YSI-556~~

Orp 222-252 mV

pH 6.8-7.2

YSI 556 gray Spec 8392 ~~rate~~ recalibrated Spec ~~14137~~ 1278

Orp 239

pH 6.96

DO 98.1 29.37 in Hg

YSI 556-02 gray Spec 8.440 1.278

Orp 238.7

pH 6.96

DO 99.6 29.756.5 mm/Hg

YSI 556 Black	calibrator	reading
	pH 4.00 at 20°c	4.00
	pH 7.02 at 20°c	7.02
	Orp 240 mV	240.0
	Spec 1,000 µS/cm	1006
	DO 29.39 in Hg	98.2

Scale: 1 square = _____

"Rite in the Rain"

7/18

Tailgate 0700

0712 Calibrate YSIs

pH at 20°C 4.00 pH at 20°C 7.02

ORP at 20°C 237.5

Spec 1,000 µS/cm at 20°C

YSI 556 gray pH 4.00 7.02

ORP 237.5 mV

Spec 1000 µS/cm

DO 98.4% 746.7 mmHg

YSI 556-02 pH 4.00 7.02

ORP 237.5 mV

Spec 1.000 mS/cm

DO 99.6% 757.3 mmHg

Scale: 1 square = _____

7/19

0700 Tailgate

0725 Calibration check YSI's

at 16-20°C Spec 7620-7970 µS/cm

ORP 222-252 mV

pH 6.8-7.2

YSI-556 gray pH 6.60

ORP 251.9 mV

Spec 8138 µS/cm

YSI-556-02 pH 7.09

ORP 253.0 mV

Spec 8.195 mS/cm

Scale: 1 square = _____

"Rite in the Rain"

7/20

0700 Tailgate
0725 Calibration check YSI's
at 16-20°C pH 6.8-7.2
Spec 7630-7970 µS/cm
Orp 222-252 mV

YSI-556-02 pH 7.35
Spec 7.874 mS/cm
Orp 253.5 mV
DO 116.0%

YSI-556 gray pH 6.89
Spec 7706 µS/cm
Orp 253.5 mV
DO 108.8%

YSI-556 black pH 7.17
Spec 8103 µS/cm
Orp 252.3 mV
DO 110.3%

Scale: 1 square = _____

7/21

0700 Tailgate
0725 Calibration check YSI's
at 16-20°C pH 6.8-7.2
Spec 7630-7970 µS/cm
Orp 222-252 mV

YSI-556 gray pH 7.04
Spec 9013 µS/cm
Orp 242.0 mV
DO 99.0%

1300 ARRIVE @ TAILG TO
COLLECT WASTE SAMPLE
FROM SEWAGE LIFT STATION
WAIT FOR KT & CJ AFTER
LOCATING STATION.
KT TO CONTINUE SAMPLING
DMW. SEE LOG SHEETS
1340 COLLECT 11FWA-TAILG-WX01
x 9 VOA AK101; SW8260/8260SIM
x 3 VOA 8015 PROPYLENE &
ETHYLENE GLYCOL
x12 1L SW8270/8270SIM; 8151;
8081; 8082; 8321
x2 1L AK102/103

Scale: 1 square = _____

"Rite in the Rain"

1600 ARRIVE BACK ONSITE
TO COLLECT DEPTHS
MW 92
DEPTH TO ~~GW~~ GH_2O ~15.69'
TOTAL DEPTH TO BE
VERIFIED WITH LAST YEARS
SHEETS. INTERFACE PROBE
ONLY 100'
1610 CHECK DEPTH @ SLS
TO GH_2O: 12.46'
TOTAL DEPTH: 17.40'
READINGS COLLECTED FROM
TOP OF ORANGE SAFETY GRATE.

Scale: 1 square = _____

TAKU RESPONSE 7/27

1525 - Calibrate PID

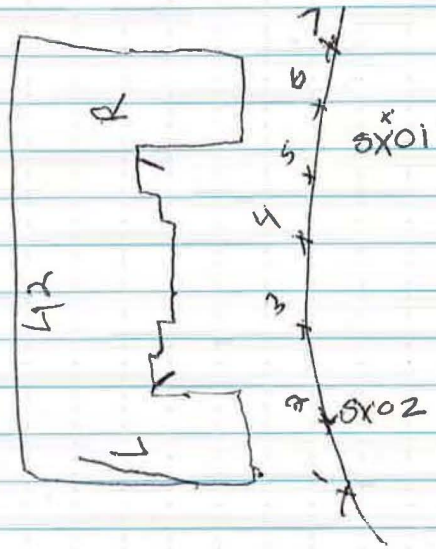
DH

Scale: 1 square = _____

"Rite in the Rain"

7/28 Building 42

1530 visit site
- Name - fuel odor coming from some dirt being graded
- suspect one area initially strong w/ smear zone from grading activities



FS1	18.5
FS2	11.3
FS3	5.9
FS4	2.0
FS5	4.7
FS6	10.2
FS7	0.7

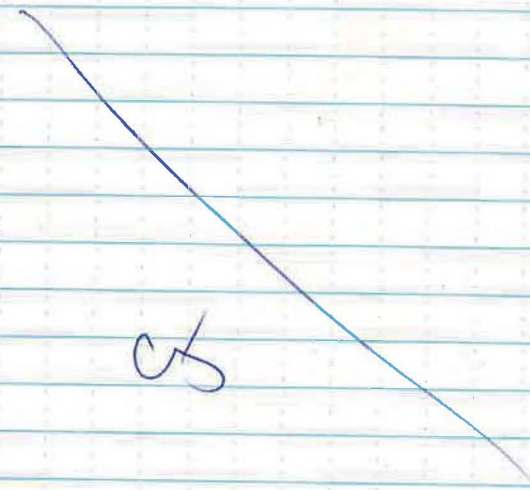
1555 11FWA-TAHU-SO-WX02

1557 11FWA-TAHU-SO-WX03

Scale: 1 square = _____

1420: Al, ~~JR~~, Pete, arrive on site
- piles suspected to contain "smelly" dirt stacked behind Duplex #8, 10, 12.

1630: Jim arrives onsite
- Requests rough delineation w/ Draeger tubes in suspected area
- will wait until chemical is known the delineate



Scale: 1 square = _____

"Rite in the Rain"

Building 27R 8/01

1030. Arrive onsite ~~w~~
· KG, SR, DH, CJ
Partially cloudy w/ slight breeze

· will dig & supersack burn pit where charcoal was found

1115 · Begin loading supersacks

· Lots of metal scrap

1125 · Find ~~pote~~ pipewrap · potential asbestos contain material.
· Waiting for Sean Rodriquez from R&D to come look

1133 · Collect one 8oz jar w/ PACM (SR from R&D)

1145 · Covering hole w/ visquine + will stop work until

Scale: 1 square = _____

Building 27 8/3

1110 · Arrive on site
Herald, Robbie, SR, + CJ
· Slightly cloudy ≈ 65°

1 · will continue metal investigation
· ~~also~~ insullation samples negative

1200 · Lots of metal debris
Overpack 1/2 of filter canister

1210 · Break for lunch

1350: Fill one overpack w/ filters

1500: Fill second overpack w/ filter

1605: Find 2 anti-tank mines
· JM visits site

1625: Decide to stop supersacks & truck the rest

Scale: 1 square = _____

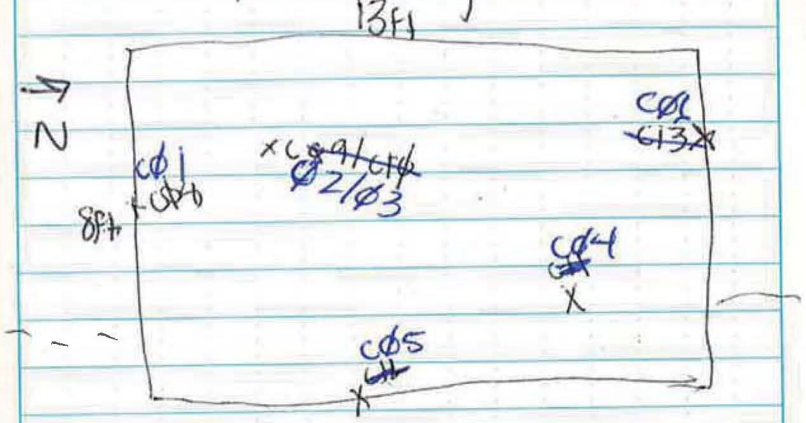
B27

1652. Nancy from the corps + SB visit site

1730. One end dump gone
· ~~for~~ Garisson comander visits site
· CJ goes w/ end dump to figure out stockpile sell

1810. CJ returns to site
· Continue to dig-chasing metal west into road

1830. Complete chasing ~~coa~~ metal debris



B27

Will take 2 floors + 3 wall samples

11TAKU-B27-S001-C01

1833 ~~11FWA-TAKU-S003-C08~~ 9

1 x 4oz w/ methanol

2x 8oz

11TAKU-B27-S004-C02

1835 ~~11FWA TAKU S009-C09~~

1x 4oz

3x 8oz

MS/MSD

1835 11TAKU-B27-S004-C03

1x 4oz

2x 8oz

~~B~~ Dup

1841 11~~FWA~~ TAKU-B27-S004-C04

1x 4oz

2x 8oz

1844 11TAKU-B27-S002-C05

1x 4oz

2x 8oz

"Rite in the Rain"

B27 8/3

1848 11TAKU-B27-S003-C006
1x4oz
2x8oz

* All samples to be analyzed for VOCs, SVOCs, metals, & explosives

1900 · Depart site for sample management.

16 super sacks filled

B42 8/4

1400 · Arrive onsite to begin field screening process
· will field screen entire suspected area to determine smear vs. source

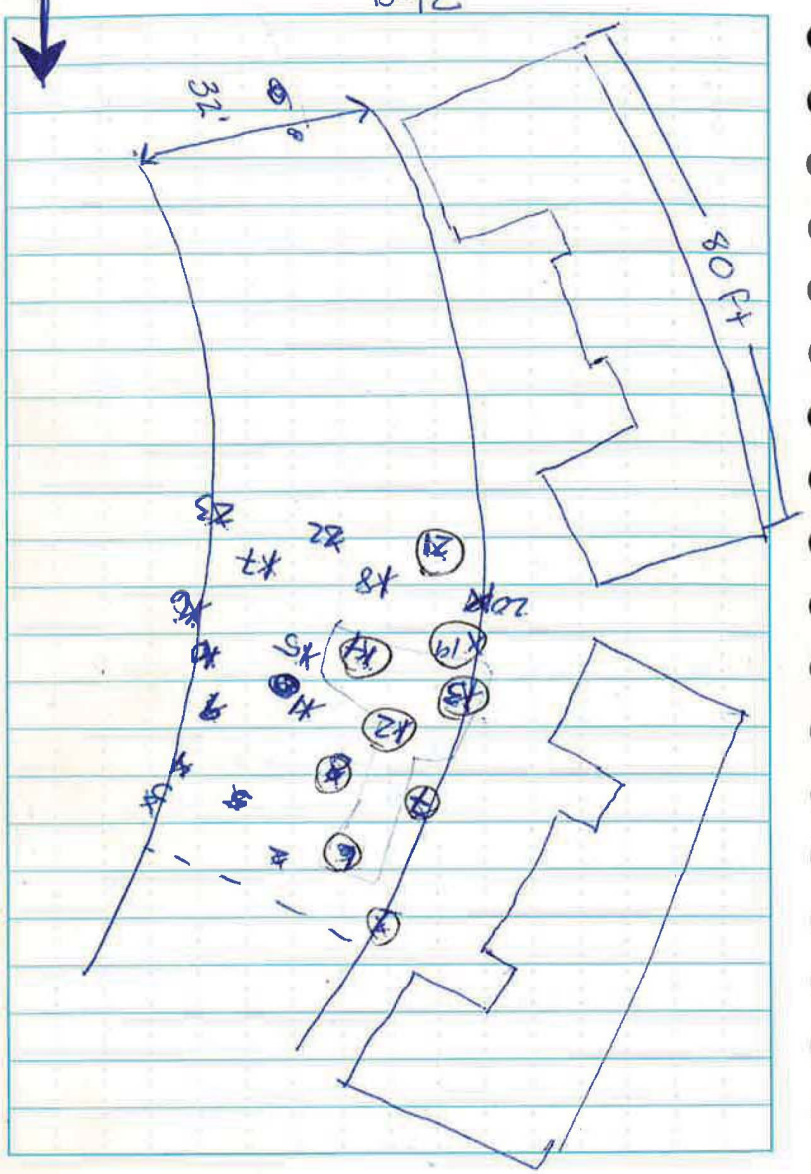
1427 · Talk to Tom @ TT · current PID will not be picking up CCl4 (coc)
· going to try anywhere to determine if false PID readings last time

1556 · Readings show definite source
· will dig 1' bgs in square & re-screen

1615 · First truck leaves

Trucks: 111

B42



Scale: 1 square = _____

B42

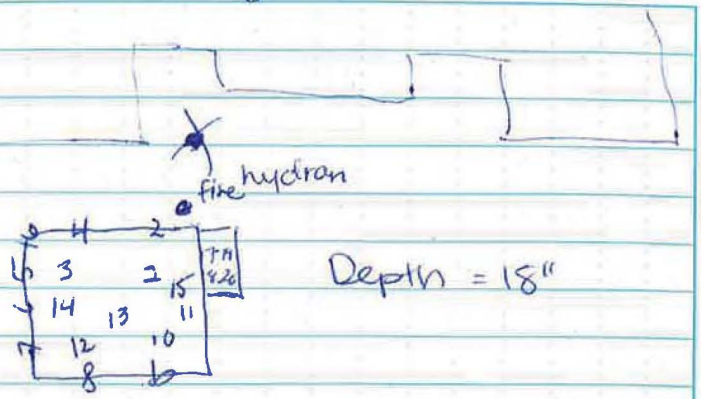
FS1 - 1.1
FS2 - 0.6
3 - 0.5
FS4 - 0.6
FS5 - 0.6
FS6 - 8.9
FS7 - 1.5
FS8 - 1.1
FS9 - 0.6
FS10 - 0.8
FS11 - 0.5
FS12 - 3.8
FS15 - 99.7
FS14 - 2.7
FS15 - 1.2
FS16 - 1.0
FS17 - 0.8
FS18 - 1.0
FS19 15.2
FS20 1.0
FS21 - 7.1
FS22 - 0.7
FS23 - 1.0

Excavation Screening

FS1 - 270
2 - 1.7
3 - 1.3
4 - ~~0.8~~ 0.8
5 - 325
6 1.5
7 - 1.3
8 1.1
9 1.2
10 1.3
11 1.2
12 1.1
13 - 2.0
14 - 2.2
15 - 1.4
16 - 0.9
17 - 0.8
18 - 0.7
19 68.4
20 1.3
21 1.2

Scale: 1 square = _____

"Rite in the Rain"

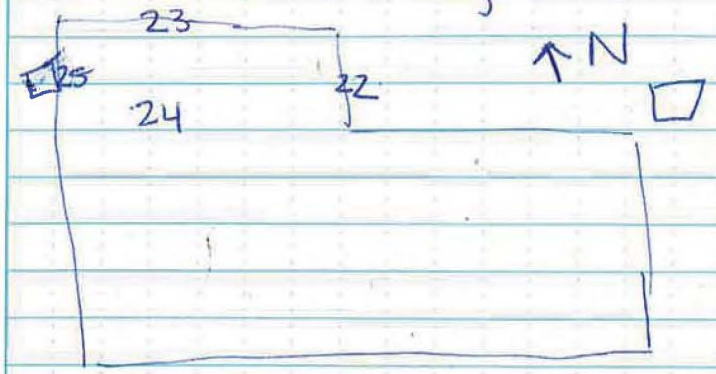


Depth = 18"

1737 · Finish for day

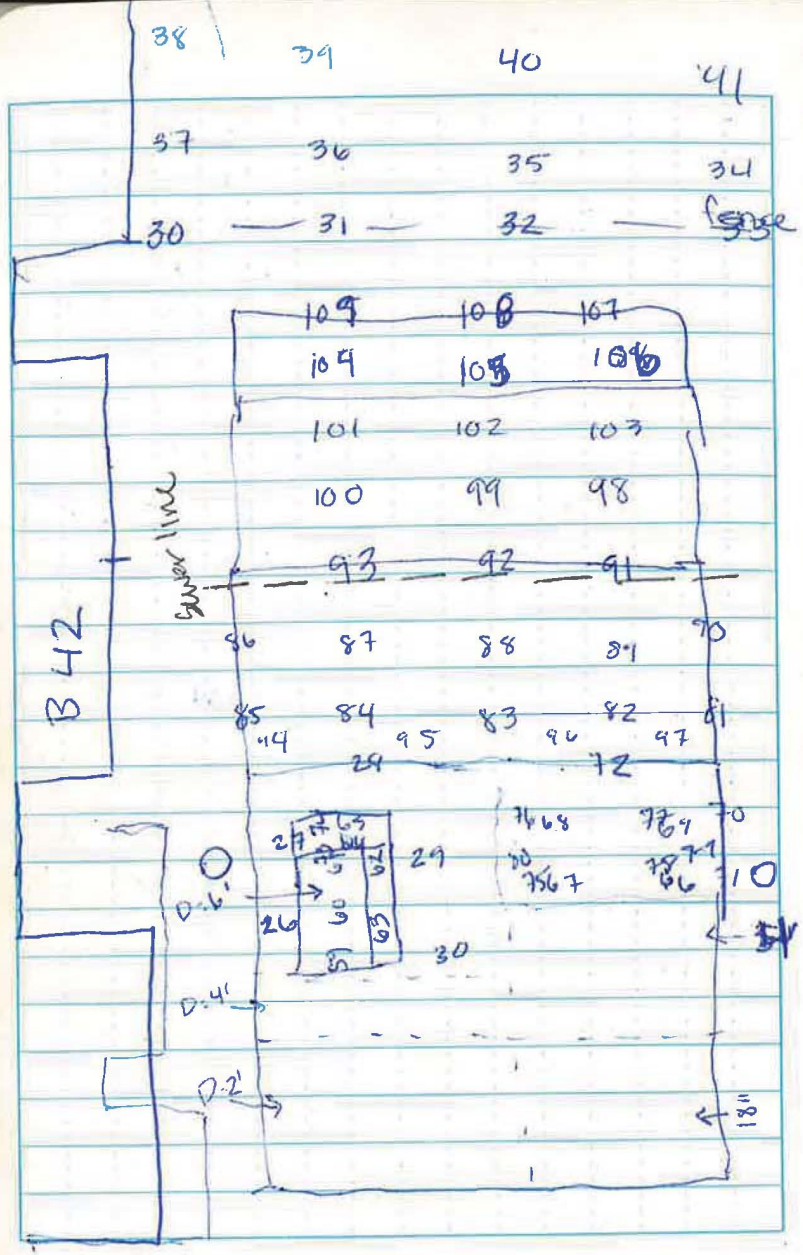
~~0827~~ 0700 Tailgate
0730 · Calibrate PID
Fresh Air: 0.0 ppm
Iso: 101 ppm

0824 · Collect initial field screens to determine dig



	ppm		
FS 22 ·	0.2	FS 30 ·	0.5
23	0.4	31	0.9
24	0.2	32	0.7
25 ·	0.5	33	0.8
26	1.4	34	0.8
27	0.4	35	0.7
28	0.4	36	1.2
29	0.2	37	12.7

"Rite in the Rain"



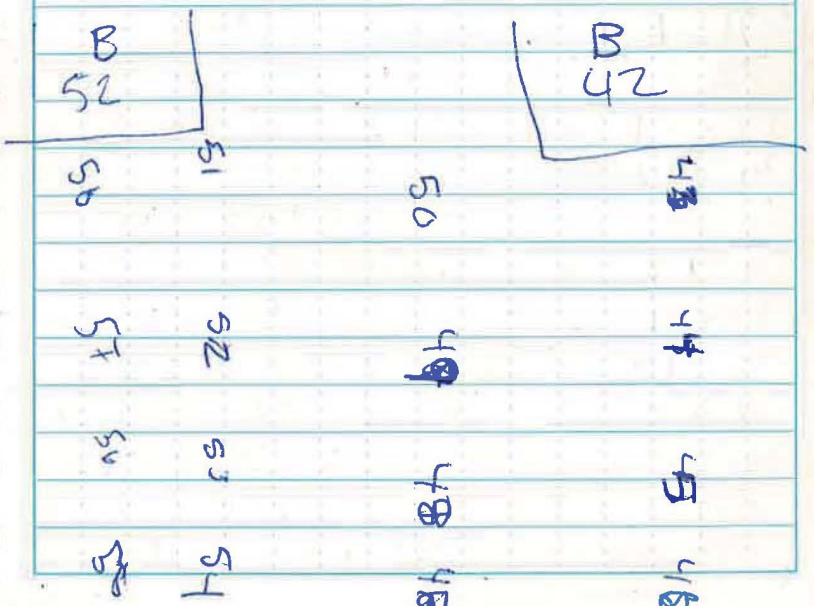
Scale: 1 square = _____

8/5 ~~4/3~~

FS ~~38~~
38 0.7
~~39~~
39 0.9
40 1.5
41 1.4
~~42~~
FS 49 · 4.1
FS 50 · 7.3
FS 51 · 7.1
FS 52 10.2

FS 43 - 0.6
FS 44 - 1.5
FS 45 - 2.3
FS 46 - 5.6
FS 47 - 3.3
FS 48 - 2.7
F
FS 53 · 3.5
FS 54 · 0.4
FS 55
FS 56 · 0.5

FS 57 - 4.8
FS 58 0.3
~~FS 59~~



Scale: 1 square = _____

"Kite in the Rain"

B42 8/5

FS 59 · 1.1
FS 60 1.1
FS 61 12.1
FS 62 1.0
FS 63 7.0
FS 64 · 0.6
FS 65 · 4.4
FS 66 · 5.9
FS 67 · 3.2
FS 68 · 6.5
69 · 5.4
70 2.1
71 1.0
72 0.6
73 · 1.1
74. 0.8
75
76 1.2
77 · 0.9
78 · 12.8
79. 0.8
80 · 0.7

FS 81. 5.4
FS 82 · 0.6
FS 83 1.3
FS 84 · 16.0
FS 85 9.1
FS 86 2.6
FS 87 1.0
FS 88 · 1.0
FS 89 · 0.6
FS 90 · 0.7
FS 91 = 0.6
FS 92 - 20.0
FS 93 · 0.7
FS 94 0.8
FS 95 1.1
FS 96 1.3
FS 97 1.8
FS 98 1.4
FS 99 1.0
FS 100 2.2
101 1.0
102. 1.4

Trucks: IIII ~~IIII~~

Scale: 1 square = _____

8/5

1200 · ~~Dig~~ Find clean floor
Will move back on to next segment after lunch

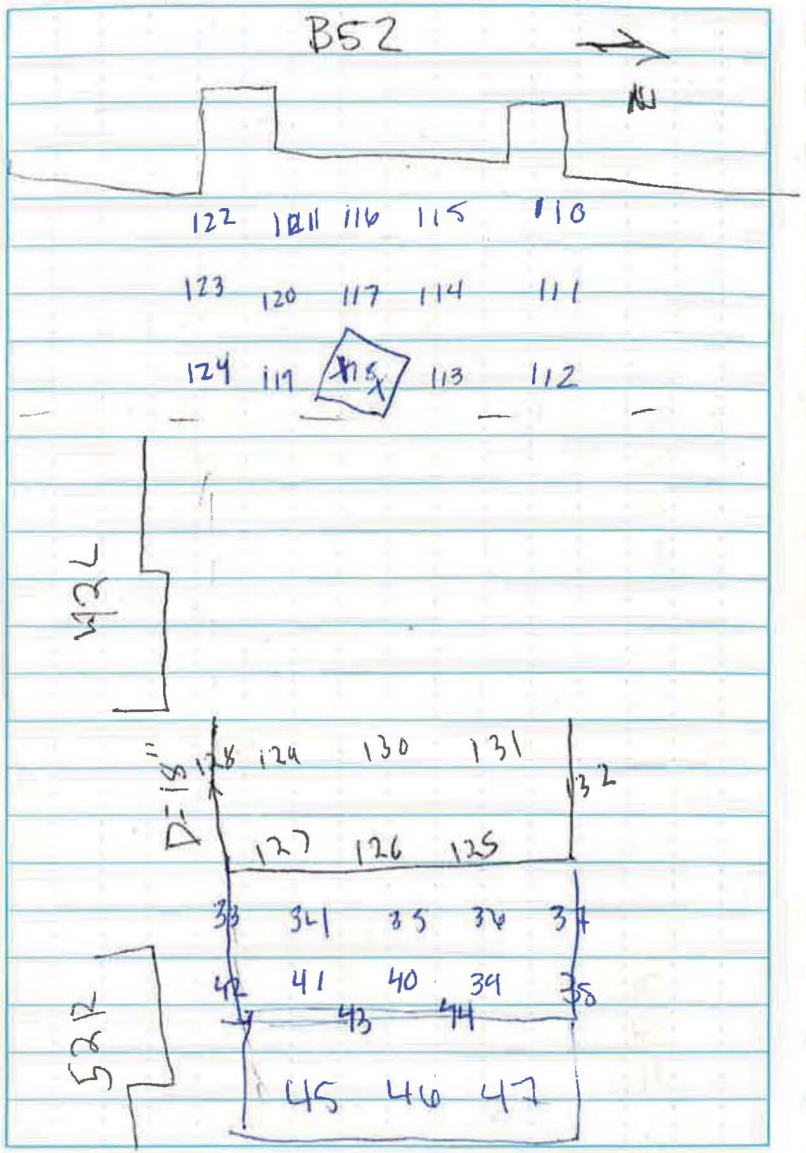
1300 · Return from lunch

1327 · Find sewer line tape @ ≈ 18"

FS 103 1.1
104 0.7
105 1.7
106 0.4
107 0.5
108 0.6
109 0.9
110 0.2
111 0.1
112 0.4
113 1.0
114 0.7
115 0.8
116 1.3
117 0.8
118 15.6

119 1.0
120 0.6
121 0.4
122 0.5
123 0.5
124 1.0
125 0.2
126 0.3
127 0.4
128 0.5
129 0.2
130 0.6
131 0.9
132 10.5
132R 0.6

Scale: 1 square = _____



Scale: 1 square = _____

B48 2 8/6

0700 · Tailgate

0730 · Calibrate PID
Fresh air = 0.0 ppm
ISO = 100 ppm

0800 · Begin digging south
· Plan for day: will scrape top 6" back + field screen

0845: JR + Trudy visit site

Trucks: 11

0930. Find clean boundaries of main excavation
· will tak one scoop out of FS118 (exceedances + field screen around)
Wall FS: 0.2 ppm Field FS: 0.4 ppm

0950: Take one bucket from N end of excavation - make field screens
Wall FS: * Field FS: *

Scale: 1 square = _____

"Rite in the Rain"

FS133 · 0.3
FS134 · 0.5
FS135 · 0.5
FS136 · 0.4
FS137 · 0.4
FS138 · 0.0
FS139 · 0.8
FS140 · 0.4
FS141 · 0.5
FS142 1.2
FS143 - 0.0
FS144 - 0.0
FS145 - 0.0
FS146 · 0.0
FS147 ·

Scale: 1 square = _____

B42 8/4

* PID is malfunctioning.
will take confirmation sample as part of main excavation

1030 · Out of TA methanol
will send 8260 → GRO to SGS → others to TA

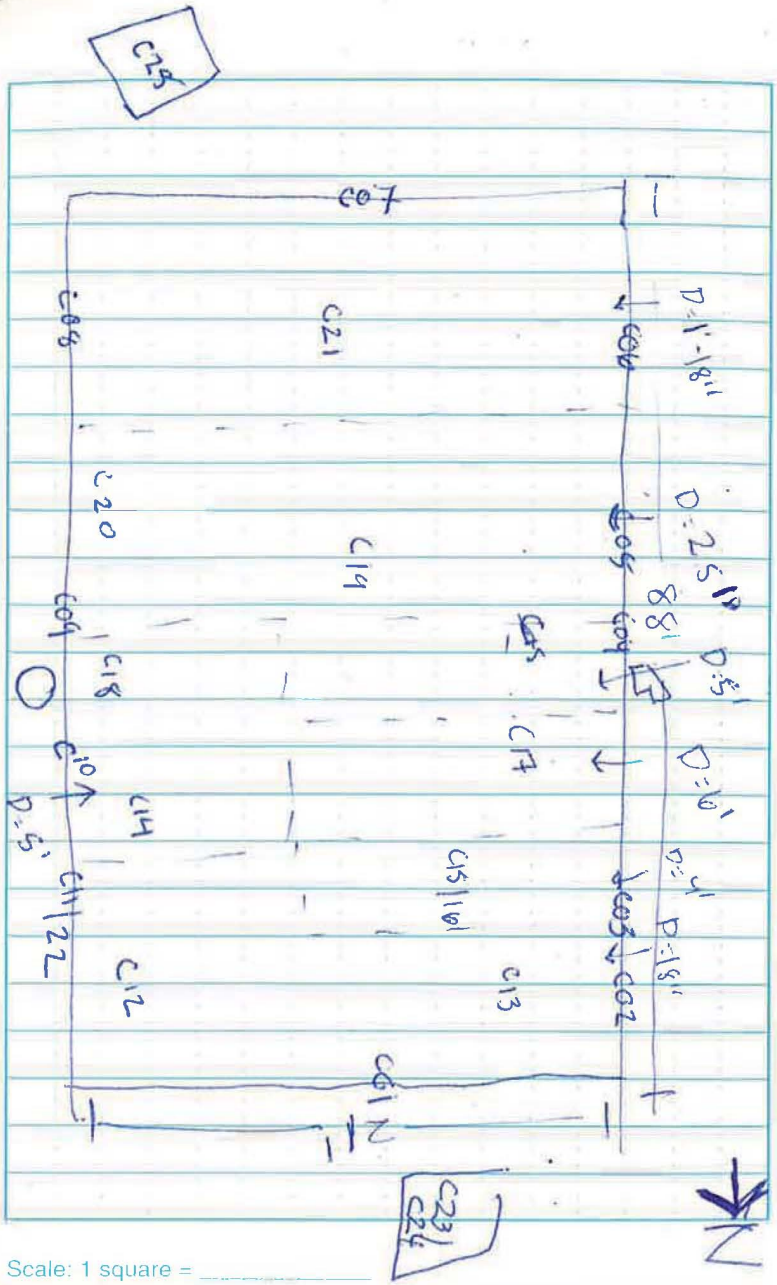
1135 · Prep site for sampling
9 floor, 11 walls + 1 floor
from each "mini"
22 samples, 3 dups, 2 ms/D

1135 · Begin sampling

135 11FAKU-B42-S01-C01
1x4oz
2x8oz

1138 11TAKU-B42-S0Φ-C02
1-4oz
2-8oz

Scale: 1 square = _____



Scale: 1 square = _____

B42

8/6

1142 11Taku - B42 - S01 - C03
1 x 4oz
2 x 8oz

1145 11Taku - B42 - S02 - C04
1 x 4oz
2 x 8oz

1149 11Taku - B42 - S01 - C05
1 x 4oz
2 x 8oz

1151 11Taku - B42 - S01 - C06
1 x 4oz
2 x 8oz

1155 11Taku - B42 - S01 - C07
1 x 4oz
2 x 8oz

1156 11Taku - B42 - S01 - C08
1 x 4oz
2 x 8oz

Scale: 1 square = _____

"Rite in the Rain"

1201 11 Taku - B42 - S01 - C09
1 x 4oz
2 x 8oz

1204 11 Taku - B42 - S01 - C10
~~11~~ 1 x 4oz
2 x 8oz

1208 11 Taku - B42 - S01 - C11
2 x 4oz
3 x 8oz
Duplicate of C22
MS / MSD

1215 11 Taku - B42 - S02 - C12
1 x 4oz
2 x 8oz

1218 11 Taku - B42 - S02 - C13
2 x 4oz
3 x 8oz
MS / MSD

Scale: 1 square = _____

B42 8/4

1225 11 Taku - B42 - S02 - C14
1 x 4oz
2 x 8oz

1229 11 Taku - B42 - S05 - C15
1 x 4oz
2 x 8oz

1232 11 Taku - B42 - S05 - C16
1 x 4oz
2 x 8oz
Duplicate of C15

1236 11 Taku - B42 - S06 - C17
1 x 4oz
2 x 8oz

1239 11 Taku - B42 - S05 - C18
1 x 4oz
2 x 8oz

1243 11 Taku - B42 - S03 - C19
1 x 4oz
2 x 8oz

Scale: 1 square = _____

"Rite in the Rain"

1245 11Taku - B42-S01 - C20
1 x 4oz
2 x 8oz

1249 11Taku - B42 - S01 - C21
1 x 4oz
2 x 8oz

cj
1208 11Taku - B42 - S01 - C22
1 x 4oz
2 x 8oz
Duplicate of B11

1254 11 Taku - B42 - S02 - C23
1 x 4oz
2 x 8oz
~~Duplicate of C24~~

1254
1259 11 Taku - B42 - S02 - C24
1 x 4oz
2 x 8oz
Duplicate of C23

1303 11 Taku - B42 - S02 - C25
1 x 4oz
2 x 8oz

Scale: 1 square = _____

B42 816

All samples analyzed for: AK101, AK102/103 SW8260, SW8270, SW8081, SW8082, SW8151, SW6020/7471

• Due to lack of TA methonol will send 4oz jars for analysis @ SGS

1310 · Log sample locations in little T + depart site for lunch.

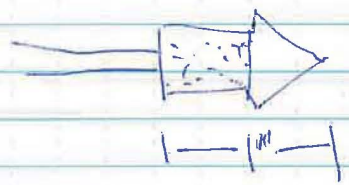
Scale: 1 square = _____

SG Probes

1400 : Arrive on site
· Use excavator to remove SG probe east of mechanical building
· Dig to 5' bgs & don't find anything but tubing.
· Backfill & move to spot S of mechanical building

1415 Find old piping @ 3' bgs

1430 · Reach the bottom
· gas probe is small cone about half of finge in size



1445 · Consult Belway to determine if we should continue ..

1515 · Bring utility drawings back out to site

1530 · Begin digging on probe near mw

1554 · Finish removing probe & begin backfill

1600 · Complete SG probe
talk to A1 & SB . will do the rest different

Scale: 1 square = _____

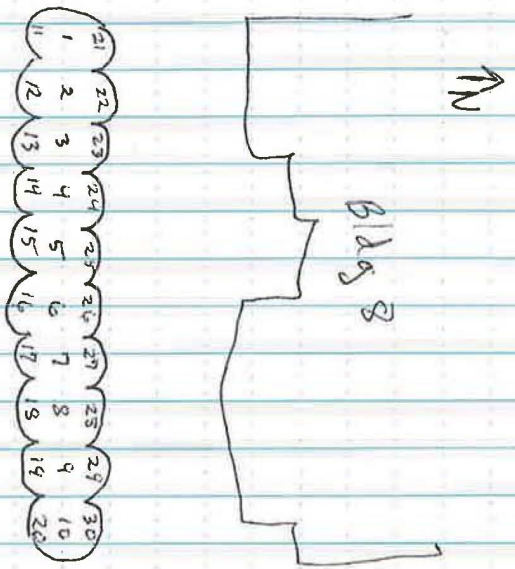
Scale: 1 square = _____

SG Probes 8/9

0900. Cody + CT arrive on site
· will dig two feet bgs then
cut tubing + seal w/ adhesive

B42 Stockpiles 8/10/11

Weather 50's overcast
Crew K. Thomas D. Hooper
Activity - Field screen stockpiles
from B42 ~~excavation~~ area KT that are
at Taku behind Bldgs 8, 10, 12
~~1220~~ KT
Calibrate PID 0.0 ppm ~~to~~ 101 ppm cal gas
1220 Arrive onsite Bldg 8
10 end dumps in a row



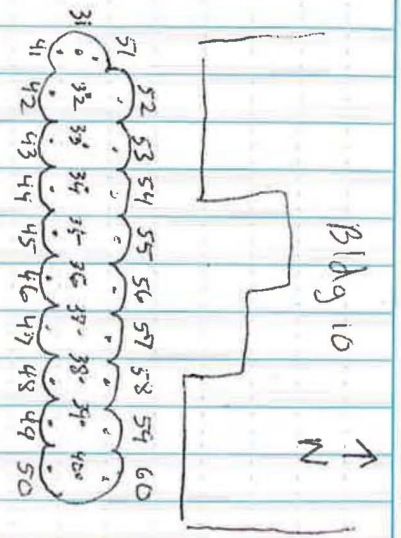
Scale: 1 square = _____

Scale: 1 square = _____

B42 8/10/11

FS1	0.0 ppm	FS 11	0.0 ppm	FS 21	0.0
2	0.0	12	0.0	22	0.0
3	0.2	13	0.0	23	0.0
4	0.2	14	0.0	24	0.0
5	0.2	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	2.9	19	0.0	29	0.0
10	0.9	20	0.0	30	0.0

1315 Begin screening piles behind Bldg 10

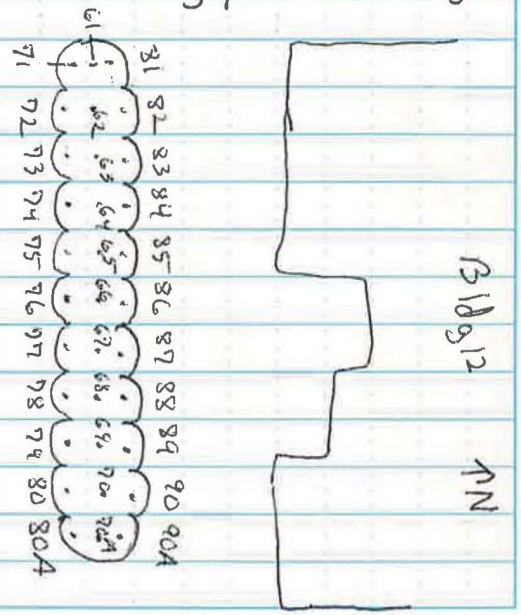


Scale: 1 square = _____

B42 8/10/11

FS31	0.8 ppm	FS 41	0.2	FS 51	0.0
32	0.5	42	0.0	52	0.0
33	0.0	43	0.0	53	0.0
34	0.5	44	0.0	54	0.0
35	0.5	45	0.0	55	0.0
36	0.4	46	0.0	56	0.0
37	0.0	47	0.0	57	0.0
38	0.0	48	0.0	58	0.0
39	0.1	49	0.0	59	0.0
40	0.0	50	0.0	60	0.0

1355 Begin screening piles behind Bldg 12



Scale: 1 square = _____

"Rite in the Rain"

8/10/11 B42 stockpiles

FS71	0.0 ppm	FS61	0.0ppm	FS 81	18.1 ppm
72	0.0	62	0.1	82	1.3
73	0.0	63	0.0	83	1.8
74	0.0	64	0.0	84	1.8
75	1.1	65	0.0	85	1.6
76	0.8	66	0.0	86	1.1
77	0.9	67	0.0	87	0.3
78	0.2	68	0.0	88	0.1
79	0.1	69	0.1	89	0.0
80	0.0	70	0.1	90	0.0
80A	0.5	70A	0.0	90A	0.4

1450 complete field screening depart site

Kate Thomas

Scale: 1 square = _____

B27 Waste Sampling 8/17/11

1610 PB & DH arrive at chipbarn to waste sample B27.

FS all bags, sample highest

FS	SS	ppm
1	01	3.3
2	02	4.8
3	03	5.2
4	04	6.4
5	05	3.7
6	06	5.9
7	07	6.9
8	08	3.6
9	09	7.8
10	10	7.1
11	11	3.2
12	12	1.0
13	13	8.2
14	14	0.8
15	15	5.8
16	16	6.7

~~B27~~ 11 ~~FAKU~~-B27-WOC from SS 13

1705 1x4 meoH

1x8

1725 leave site

Scale: 1 square = _____

MW62 Waste Sampling 8/20

1035 PB&DH arrive at chip barn to waste sample.

Two bags were picked at random and sampled

1045 11TAHU-MW62-SO-W01 SS# 14
1045 11TAHU-MW62-SO-W02 SS# 28
1x 40z WMOH
2x 8oz

1055 Leave site

DH

Scale: 1 square = _____

B48 Waste management sampling 8/20

1200 PB&DH arrive onsite to sample B48 SS. Collect a sample from one random bag

1205 11TAHU-B48-SO-W01 from SS 05
127.819 1x 4oz
2x 8oz

DH

Scale: 1 square = _____

"Rite in the Rain"

DH/PB B24 Waste sampling 8/20

two random samples taken

1205 11TAHU-B24-S0-W01 from SS07

1208 Hg 1x4oz

2x8oz

1215 11TAHU-B24-S0-W02 from SS11

1220, 722 1x4oz

2x8oz

in

1220 leave site

DA

"Rite in the Rain"®

ALL-WEATHER

UNIVERSAL

No. 373

2011 TAKU

BOOK 2 of

AKERS-UR-Ø5FSØ7-HØ4-ØØ26

CONTENTS

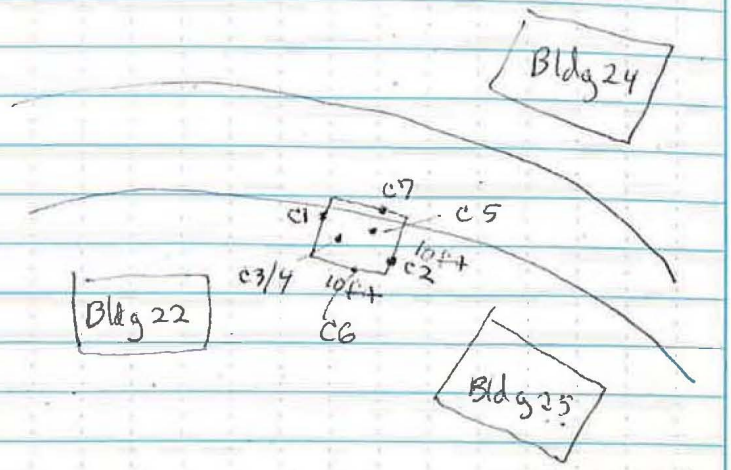
PAGE	REFERENCE	DATE

8/6/11 B24

Weather 50's sunny
Crew. K. Thomas Harold Kody
Sean R.
Activity- Excavate across from Bldg 24
10x10 ft around 08FW-A-EXBLD24-19
Equipment- D120 excavator, loader
Plan- pull back road grade, 1st foot
stockpile onsite because not contaminated,
dig additional 3 feet down store in
supersack, UXO will clear every 6in 1ft
0700 Tailgate
0750 Arrive onsite review plan
0805 Begin Excavation
Supersacks labeled
11TAKU-B24-SS01,2,3,4,5,6,7,8,9,10,11
USACE JACOBS 12, 13,14
POC 907-356-1280 8/6/11
1100 Finish excavation
Begin sampling
excavation 4ft deep below
lowest point of grade, ~5ft
below road grade
excavation 10ft x10ft 4 wall samples
2 floor samples

Scale: 1 square = _____

8/6/11 B24



~~11Ewb~~

1120 11TAKU-B24-S03-C01 123.40g
1125 11TAKU-B24-S03-C02 123.192g
1130 11TAKU-B24-S04-C03 122.90g
1130 11TAKU-B24-S04-C04 DUP 123.00g
1135 11TAKU-B24-S04-C05 MSD 123.65g
3x 8oz jars
1140 11TAKU-B24-S03-C06 123.29g
1145 11TAKU-B24-S03-C07 123.15g
1x4oz MeOH AK101 SW8260
2x8oz AK102/103 SW8270 SW8270SIMPAH
SW6020/7471, SW 8082, SW8151
SW8081

Scale: 1 square = _____

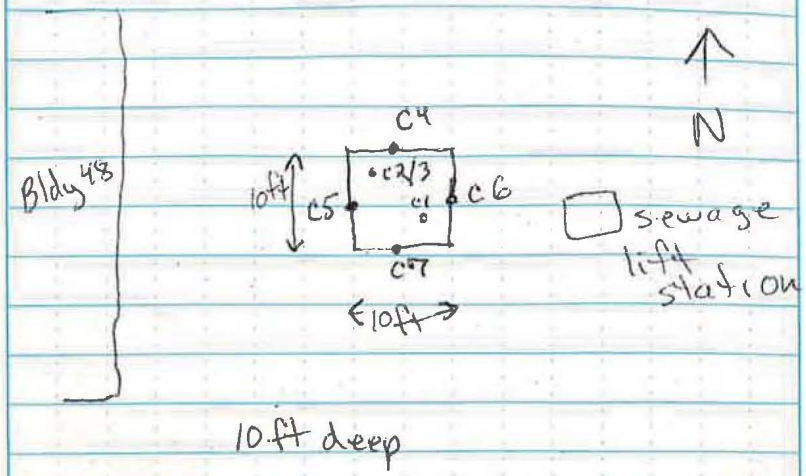
8/6/11 B48

Weather- 60's sunny
Crew - K.Thomas Robbie
Activity- Excavate adjacent to Bldg 48 centered on 07FW-A-EXBLD48-06
Equipment - ~~D160~~ Zaxis 120
Plan- Excavate 10x10ft to 10ft deep 0-7ft will stockpile onsite, 7-10ft will supersack
1415 Arrive onsite review plan, UXO will clear hole as we pull small lifts
1445 Begin excavation
1700 Begin Supersacking
11TAKU-B48-SS01,2,3,4,5,6,7,8,9
USACE
JACOBS
POC 907-356-1280 8/6/11
1730 Complete excavation begin sampling
1x4oz MeOH AK101, SW8260
2x8oz AK102/103, SW8270, SW8270SIMPAH, SW6020/7471
SW8082, SW8151, SW8081

Scale: 1 square = _____

"Rite in the Rain"

B48 8/6/11



10 ft deep

~~11 ft~~

1735 11TAKU-B48-S010-C01 floor 123.209
1740 11TAKU-B48-S010-C02 floor 122.659
1740 11TAKU-B48-S010-C03 floor Dup 122.493
1745 11TAKU-B48-S08-C04 121.329
1748 11TAKU-B48-S08-C05 122.447
3x802 1x402 MSD
1750 11TAKU-B48-S08-C06 123.268
1755 11TAKU-B48-S08-C07 122.561
1800 Return to Trailers

Katie Thomas

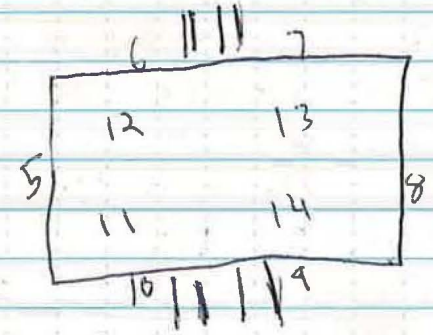
(4)

Scale: 1 square = _____

Taku-B49 8/15

0700 · Tailgate
0730 · Calibrate PID
Fresh air: 0.0
Iso: 100.5

0800 · Arrive onsite - KT, PB, CJ, DH
· Will collect headspace + perform initial sampling



FS 1	pile	30.6 ppm
2	pile	15.7
3		4
4		0.4
5		7
6		0.4
7		0.1
8		0.1
9		25.1
10		0.7

B11	31
12	0.6
13	0.5
14	0.6

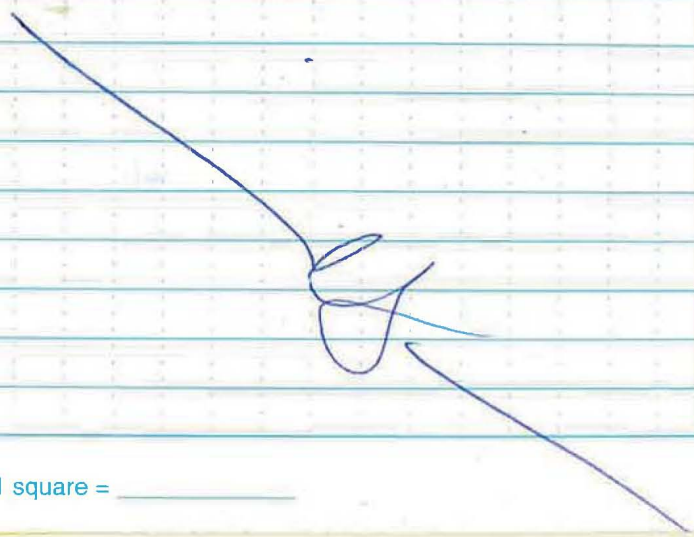
Scale: 1 square = _____

"Rite in the Rain"

0845 11Taku-B49-S08-W01
1x 4oz + meOH
2x 8oz
(from FS 11)

0848 11Taku-B49-S6-W02
1x 4oz + meOH
2x 8oz

0850 · Email from AM says action limit for glycol on PID is 300 ppm.
· Smells really bad
· Highest PID hit is 31 ppm



Scale: 1 square = _____

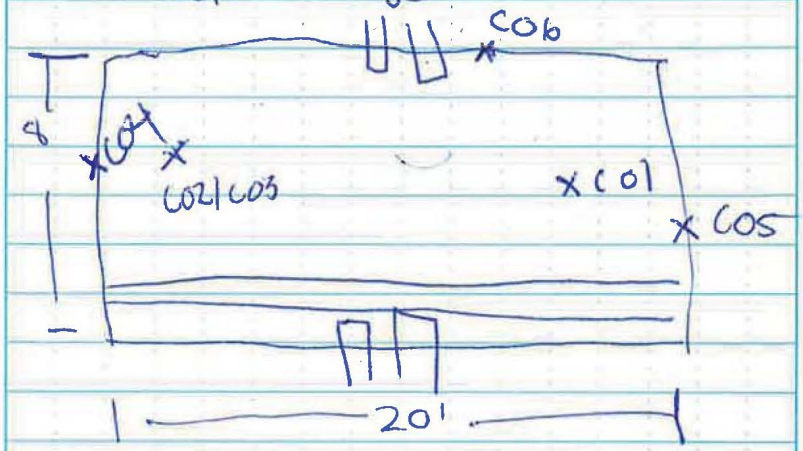
B49-Glycol 8/16

1300 · Arrive on site
· will deepen hole + widen by about 2' to allow AMT to finish
· soil to chipbarn

1330 · Truck Leaves
111

1400 · Complete excavation + collect samples

Depth = 10' bgs



Scale: 1 square = _____

"Rite in the Rain"

1515 11Taku-B49-S10-C01 122.66g
2x8oz

1522 11Taku-B49-S10-C02 122.78g
3x8oz
1x4oz
MSD

1522 11Taku-B49-S10-C03 123.51g
2x8oz
1x4oz
Duplicate

1525 11Taku-B49-S09-C04 123.32g
2x8oz
1x4oz

1530 11Taku-B49-S09-C05 122.24g
2x8oz
1x4oz

1534 11Taku-B49-S09-C06 122.83g
2x8oz
1x4oz

Scale: 1 square = _____

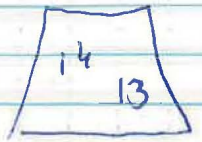
B42 Waste Sampling

8/3/14

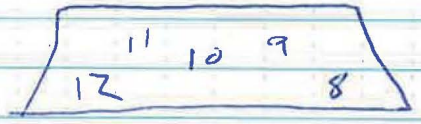
1035 Start field screening 20 spots then collect 4 samples

North facing

West facing

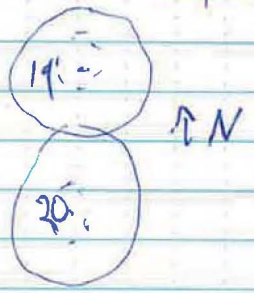


South facing

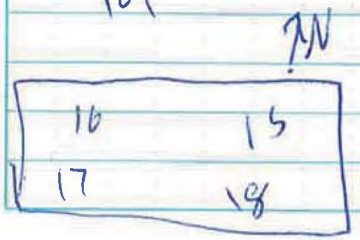


East facing

two additional piles



Top



Scale: 1 square = _____

"Rite in the Rain"

4/24

FS1	4.8 ppm	FS 11	15.2
2	6.5	*12	44.0
3	6.4	13	38.0
4	8.3	14	19.0
5	17.0	15	23.0
6	26.4	*16	59.0
7	39.2	*17	58.0
8	8.0	18	42.0
9	9.5	*19	62.0
10	31.7	20	38.0

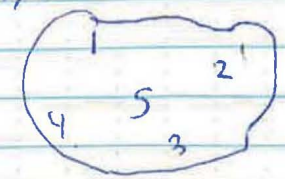
1132 Sample FS12, 16, 17, 19

1132 11TAHU-B42-W01 from screen # 16
1137 11TAHU-B42-W02 " 17
1132 11TAHU-B42-W03 " 19
1137 11TAHU-B42-W04 " 12
1x 4oz
2x 8oz

B49 (glycol) waste sampling 4/24

1230 Start field screening
5 screens & 2 samples

↑N



FS 1	6.8	ppm
2	6.3	
3	4.8	
4	8.1	
5	6.2	

1225 11TAHU-B49-W03 from FS 1
1230 11TAHU-B49-W04 from FS 4
1x 4oz WE04
2x 8oz
~~1245~~
1240 leave site

"Rite in the Rain"

Building 08 9/8

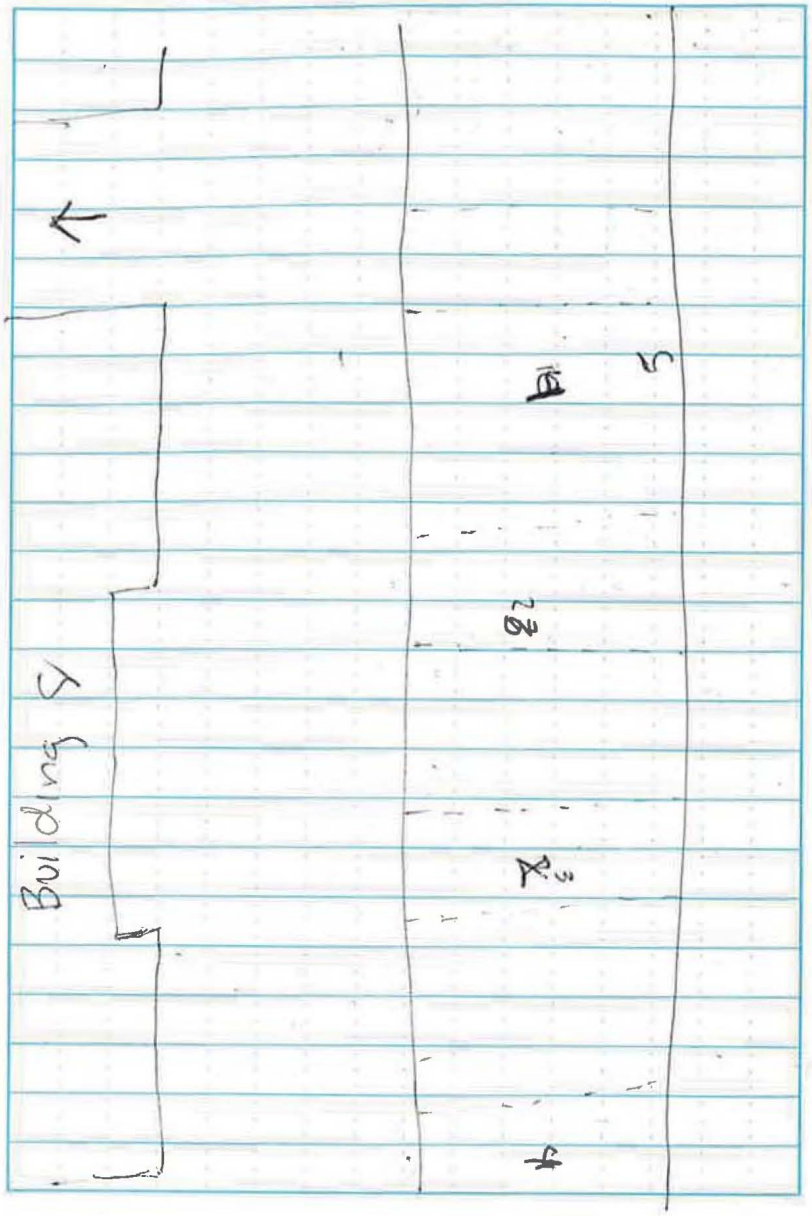
1145 · Calibrate PID
0.0 ppm = fresh air
100 ppm = isobutylene

1200 · Arrive on site &
talk to Dustin from

12 · Started smelling fuel/solvent directly south of Building 08.
· moved east doing test pits along line-stops getting PID readings on western edge of 10.
· PID around 10: 60 ppm
· Smells solventy

1245 · FS
1 23.2
2 63.2
3 92.9
4 · 57.3
5 34.4

& will take samples from FS 3 & FS2



Scale: 1 square = _____

Scale: 1 square = _____

"Rite in the Rain"

1259 · ~~11FWA~~ 11TAKU-B08-S08-
W01 - From FS 3
2x4oz + 1x 8oz

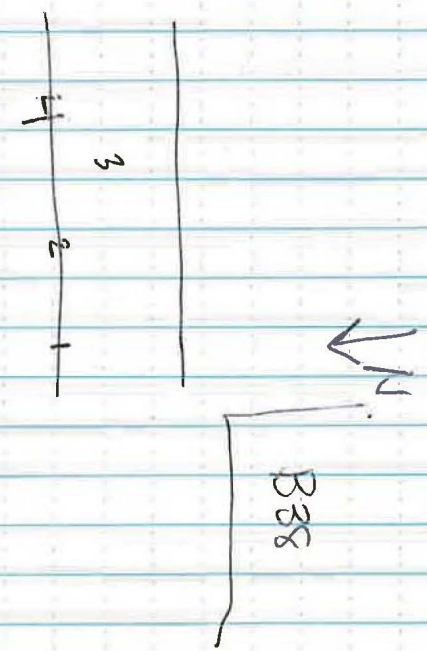
1311 11TAKU-B08-S02-W02
(From FS 2)
1x4oz + 1x8oz - 102, 103, 8270, PEST
1x4oz · meOH - AK101, 8260
1x4oz - 8151 - (to TA)

1320 · Depart site for sample
management

Building 38 9/10

1130 · Calibrate PID
0.0 fresh air
100 isobutylene
· Arrive on site
· Smelly spot behind B38
· on arrival no smell
1200 · collect field screens

FS 1 - 7.0
FS 2 - 23
3 - 4.6
4 - 2.1



1215 · no high PID hits
· will collect sample to determine where smell is coming from

1232 ~~IIFWA~~ IITAKU-B08-S02-W01
1x 4oz + 8oz → AK102, 103, SW8270 + pest
1x 4oz + mulH ;- AK01, 8260
1x 4oz · 8151 to TA

1240 · Demark & tape off suspected smelly area
· Depart site for sample management

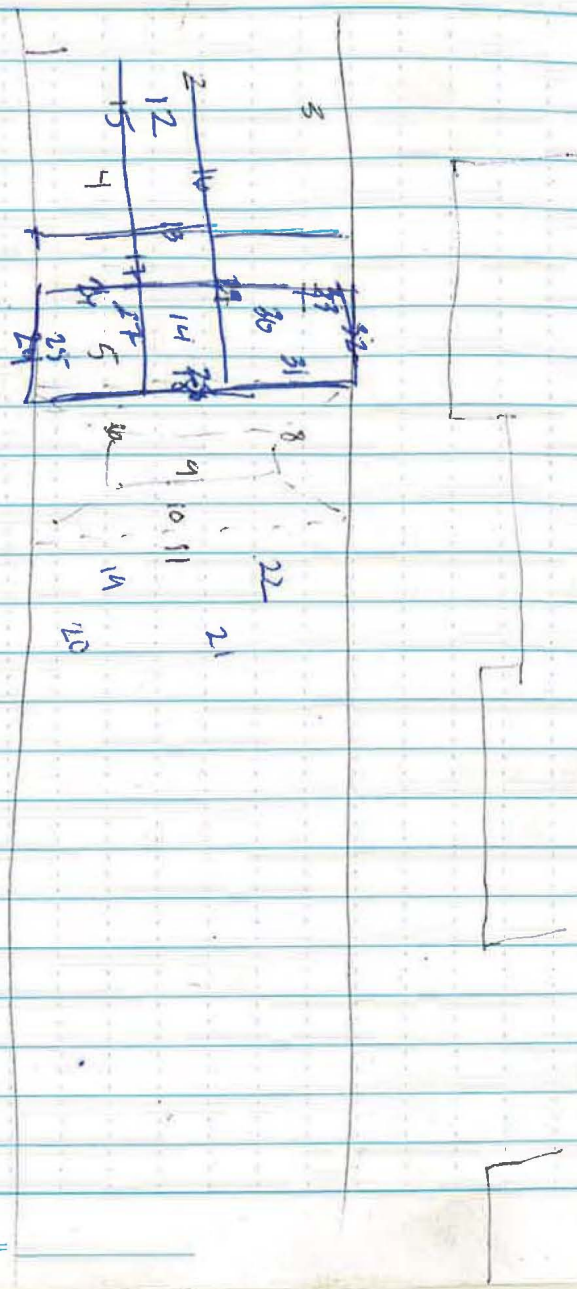
Building 08 9/15

0800 · Tailgate
0900 · Calibrate PID
0.0 ppm - Fresh Air
10080 ppm - Isobutylene

1116 · Arrive on site
KH&CJ - weather: 45° slight breeze & frequent rain
~~ta~~ DRO contamination
· First attempt to determine if piles are contaminated or can be considered clean.

1130 · Collect field screens

1225 Began moving the eastern sides of piles considered clean
1300 · Flatten western sides to walk across to reach piles
1310 · Begin excavation on west end of swale



Scale: 1 square = _____

9/15/11

1140 PID Readings

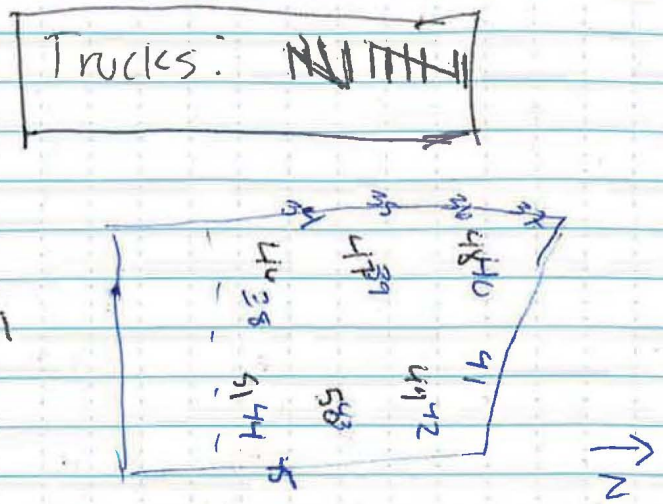
#1	0.3 ppm	#24	5.1
#2	1.7	#25	3.1
#3	1.3	#26	1.1
#4	1.4	#27	13.4
#5	1.5	#28	>200
#6	1.2	#29	4.2
#7	1.6	#30	4.3
#8	4.6	#31	>90
#9	6.5	#32	>50
#10	5.7	#33	>60
#11	3.8	#34	2.9
#12	1.1	#35	5.5
#13	1.1	#36	3.0
#14	8.0	#37	27.6
#15	4.6	#38	2.4
#16	5.0	#39	5.2
#17	3.3	#40	7.2
#18	100	#41	21.9
#19	2.5	#42	32.2
#20	3.8	#43	>181
#21	6.2	#44	6.5
#22	5.9	#45	16.4
#23	—	#46	0.2

Cont in 2 pages

Scale: 1 square = _____

Building 08

1331 · First truck leaves



1600 · SB arrives on site

1630 · Talked to Malen w/ll stop digging on main hole & move to test pitting
· will test pit north ~~wait~~ by building to try to determine northern boundary

Scale: 1 square = _____

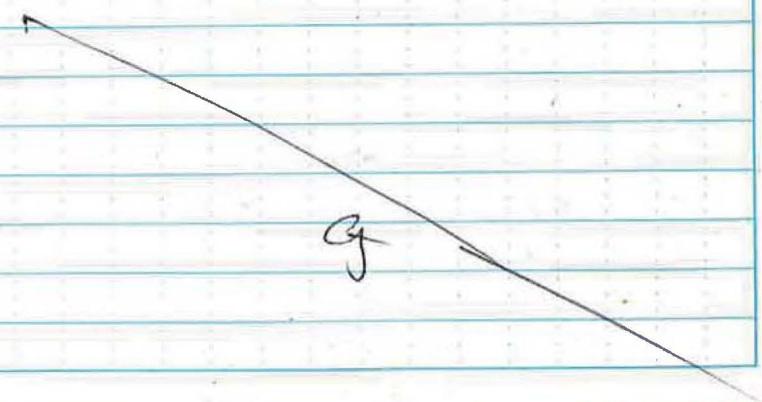
PID Reading Cont

9/15/11

#47	0.4
#48	0.5
#49	2.4
#50	0.8
#51	31.8
#52	
#53	

1705 · Rope/caution tape off area for night
- SB & KH to complete test pitting tomorrow & wait for further direction from DPW

1710 · Depart site for evening



Scale: 1 square = _____

"Rite in the Rain"

9/16/11

0800 Tailgate meeting
0845 Calibrated PID
Fresh Air 0.0 PPM
Isobut 100.0 PPM

0900 Arrived on-site
rain w/ clearing
temp: 50°F

0930 Started excavation of test pit between B8 and excavation to try to delineate DRO

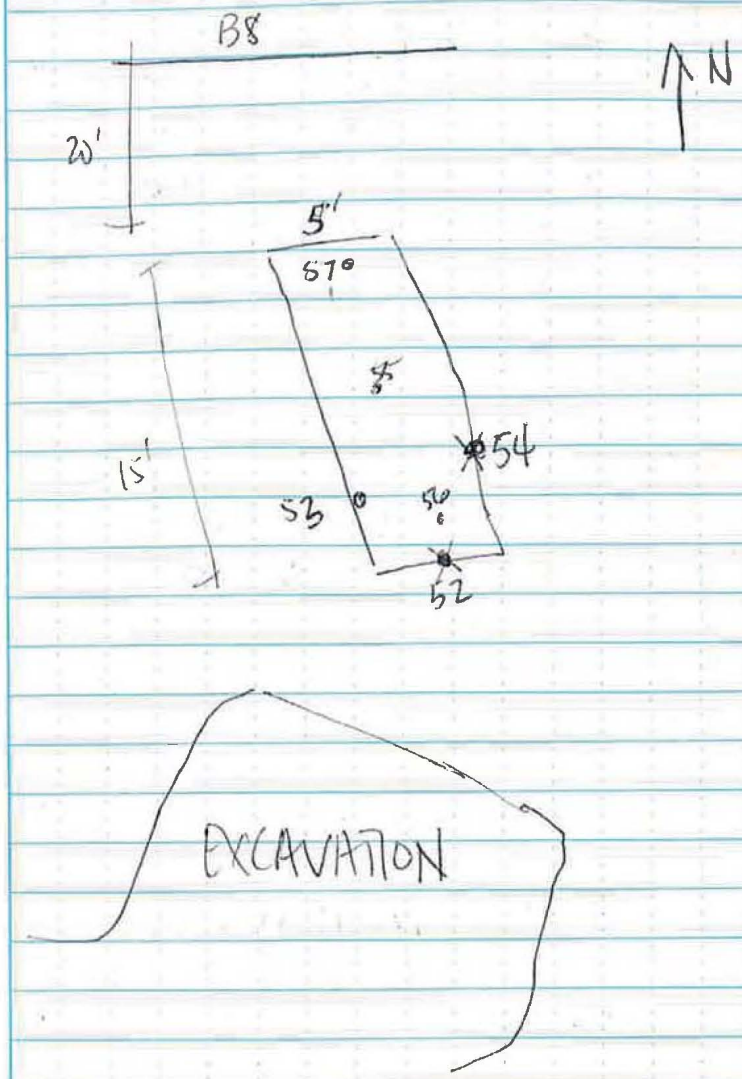
52 0.6 PPM
53 ? moisture high
54 28 PPM

4'

1030 @ 4' encountered smelly soil. Began loading truck

Scale: 1 square = _____

Build 08



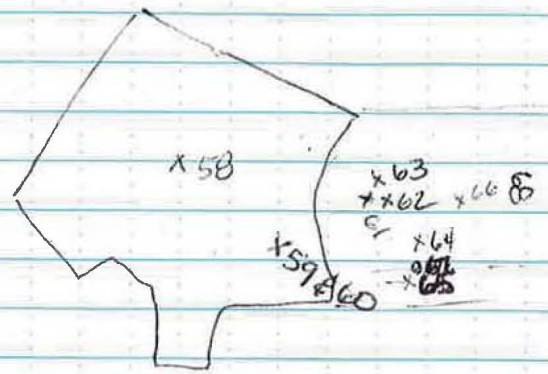
Scale: 1 square = _____

9/16/11

FS	#55	27 PPM	6'
	#56	26.4 PPM	6.7
	#57	1.4 PPM	7'
	#58	6 PPM	11'
	#59	38.6	~~12'~~ 13'
	#60	>100	14'

↑N

Non ex



1130 Hauled 10cy truckload to chipbarn

TRUCK: ~~IIII~~ ~~IIII~~ ~~IIII~~ III

1140 Hit Groundwater at appox 14'. Soil at 14' had PID reading > 100 ppm

Scale: 1 square = _____

B08

1150 Hauled 10cy to Chipbarn

1150 Received direction from the army to delineate the lateral extent of contamination to a depth of groundwater

1150 Began excavating on the South side of drainage swall and will remove soil from west to east.

1230 Phone call w/ Meseret USACE, Joe Malen, DPW, Terry H & Caitlin Delle, Jacobs, & Sarah Received direction to dig footprint, if dirty go 3' in all directions.

Existing swale depth ~~6~~ 5.5' 20' wide

Scale: 1 square = _____

"Rite in the Rain"

9/16/11

FS #61	4.0 PPM	3'
#62	0.5	1'
#63	30.9	2.5' from stockpile
#64	238	~~4'~~ 9'
#65	0.5	4'
#66	85.2	9'
#67	1.9	9' south wall
#68	13.1	2' from stockpile
map in 2 pages #69	285	7' north ~~south~~ wall
#70	100	7' south ~~north~~ wall
#71	17.5	9' floor
#72	195	9' floor
#73	0.1	4'
#74	0.1	4'
#75	0.0	~~4'~~ 7' wall
#76	1.2	9' floor

Scale: 1 square = _____

BOS

9/16/11

1250 Surface soil is clean. Began stockpiling surface soil.

1300 Detected an odor at about 2½ feet from the North side of ex-cavation. Began loading soil into dump truck.

1400 Encountered 1" ~~3/4"~~ steel pipe (~15' long) @ ≈ 1.5 to 2' BGS

1415 Dump truck left with 10 yards of dirt

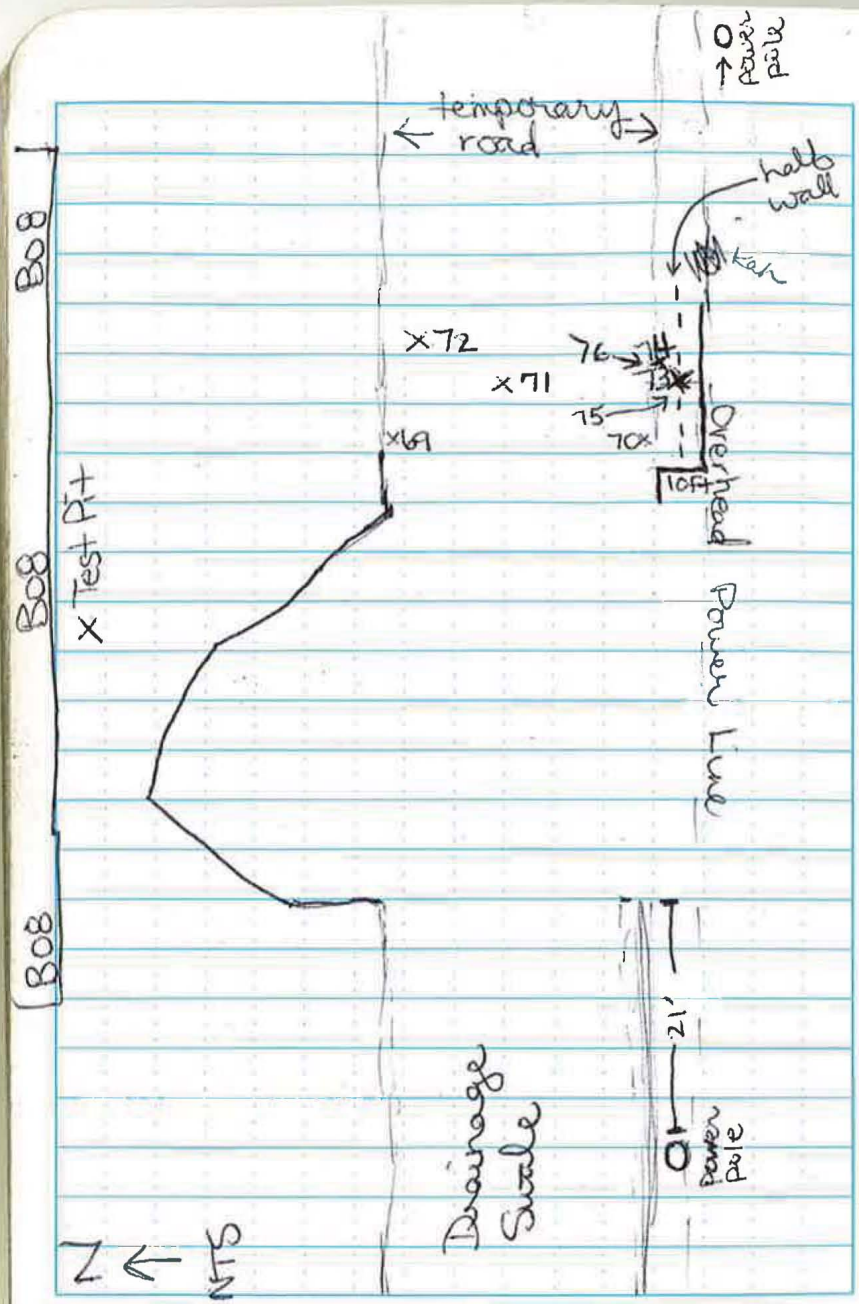
1425 Dump Truck left w/ 10 yds

1440 Dump T left w/ 10 yds

1500 Dump T left w/ 10 yds

Scale: 1 square = _____

"Life in the Raw"



B08

1300 South wall has high PID reading (a pin flag named "South Wall" was placed approx where wall becomes dirty.

1310 Dump T left w/10yds

1315 Dump T left w/ 10 yds

1330 Began taking out south wall (pin flag is gone)

1330 Dump T. left w/10 yds

1335 Dump T left w/10 yds

1350 Took south wall out 10 ft (even with edge of swale wall) at a depth of 4ft PID readings were 0.1ppm. But, previous PID reading at →

Scale: 1 square = _____

Scale: 1 square = _____

7 ft (#70) was 100 ppm
continued to dig 8 ft
to 9' depth 5 feet from
south swail wall.

1600 Dump T left w/ 10 yards

1630 Dump T left w/ 10 yards

1635 Backfilled the test pit
w/ clean spoils, KH left
site

1650 Crew stopped to place
safety fence around ex
& cover stockpile

1700 SB back @ field office
23 loads total

SB

Scale: 1 square = _____

Building 08 9/17

0800 · Tailgate

1031 · Calibrate PID
0.0 ppm fresh air
100 ppm isobutylene

1120 · Arrive on site
SB, CJ, PR, Robbie, tyson, monte
weather: sunny, clear, 60°
· go through plan w/ SB

1158 · First truck leaves

Trucks: ~~IIII~~ ~~IIII~~ ~~IIII~~ II

1300 · Check floor @ 6'
· still not - will dig to 9'

1620 · Begin closing site
for day to return in
two days

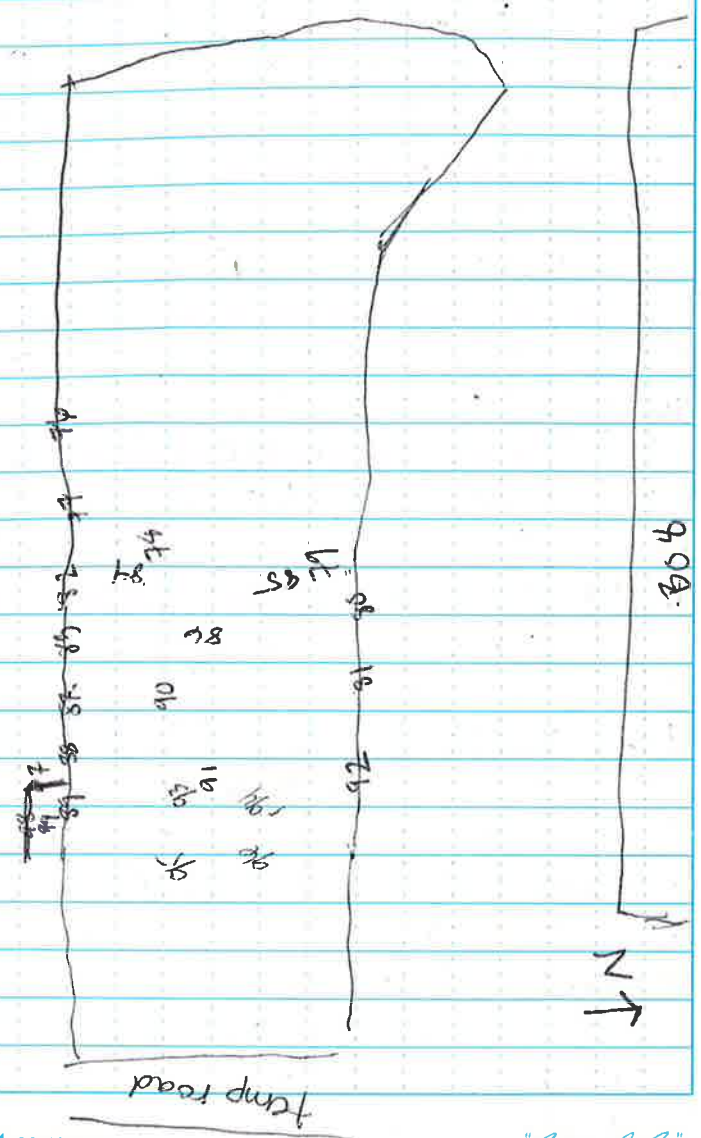
Scale: 1 square = _____

"Rite in the Rain"

76 0.2PPM Field Screens

77	~~0.2~~ 0.8 ppm	
78	>110 PPM	6'
79	>130 PPM	6'
80	>110 PPM	
81	31.4 PPM	
82	0.3	
83	0.5	
84	4.4	9'
85	>100	9'
86	47.5	
87	0.6	
88	0.9	
89	75	
90	48.7	6'
91	7.8	6'
92	66.1	
93	0.5	9'
94	1.0	9'
95	1.5	
96	3.0	

Scale: 1 square = _____



Scale: 1 square = _____

"Rite in the Rain"

B08 9/19

0830 · Calibrate PID
100.5 ppm · Iso
0.0 · Fresh Air

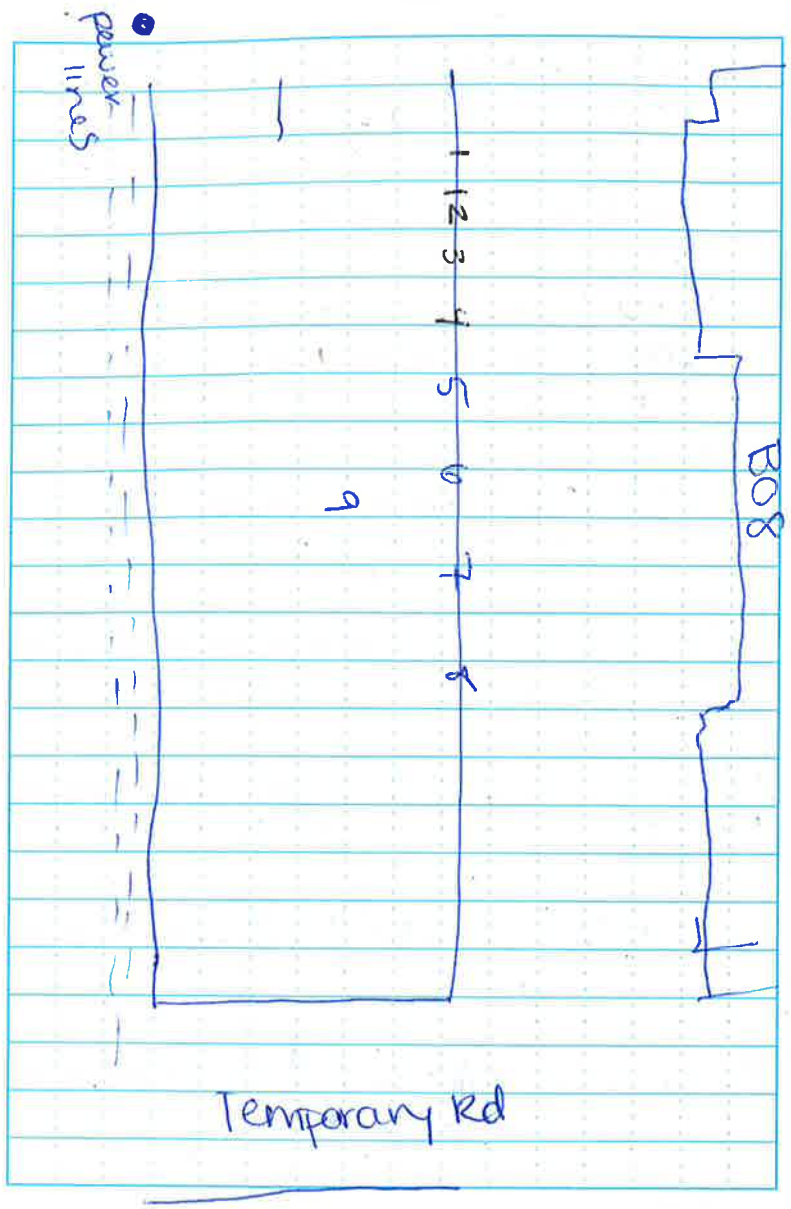
0900 · Arrive on site
CJ, Robbie, Monte, Tyson
weather: clear, 45°
plan to start pulling 3ft off north wall

1007 · First truck leaves
Trucks: ||||| ||||| ||||

1136 · Nancy from Corps visits site

1200 · Conitue digging northern edge, will dig to road then wait for Joe to visit before taking out the access road

1435 · Joe Malen, SB, PR visit site to determine path forward



Scale: 1 square = _____

Scale: 1 square = _____

9/19

#	ppm	Field Screens
01	>240	7'
02	>350	6'
03	>365	5'
04	>300	6'
5	373	4'
6	200	5'
7	38.7	5'
8	102	6'
9		11' floor

1450 Joe request to leave lateral extent as is but dig as deep as the current excavator will go

1544 more trucks

15 + 111

1620 · 11TAKU-B08-S006-C01
FROM FS 5
1x4oz + 1x8oz - 8270, 8270pest, 6020/7471,
AK102/103
1x4oz + meOH ⇒ AK101, 8260
2x4oz - 8151, 8330, 8082

1630 · 11TAKU-B08-S06-C02
From FS 2
1x4oz, 1x8oz - 8270, 8270pest, 6020/7471
AK102/AK103
1x4oz + meOH - AK101, 8260
2x4oz - 8151, 8330, 8082

Rite in the Rain

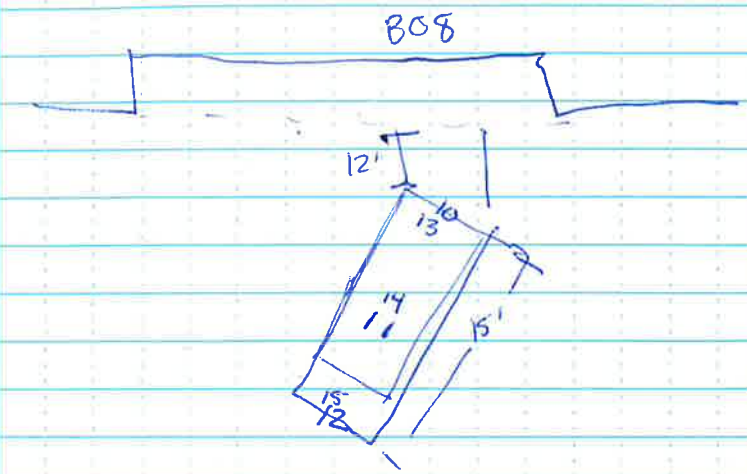
~~1555~~ 1545 The & Carlton return more direction: take sample from ~~the~~ worst point & stop digging. They will chat w/ DEC to figure out path forward

B08

9/20

1030 · Calibrate PID
100 ppm Isobutylene
0.0 ppm fresh air

· Direction from Joe to dig test pite north of giant hole, east of first pit to find northern boundary closer to epicenter



1105 · Find smelly on S. end @
6' - stop to take field screen S

Scale: 1 square = _____

Scale: 1 square = _____

FS 10 - 0.0
FS 11 0.3
FS 12 0.2
FS 13 - 0.1
FS 14 0.2
FS 15 - 13.6

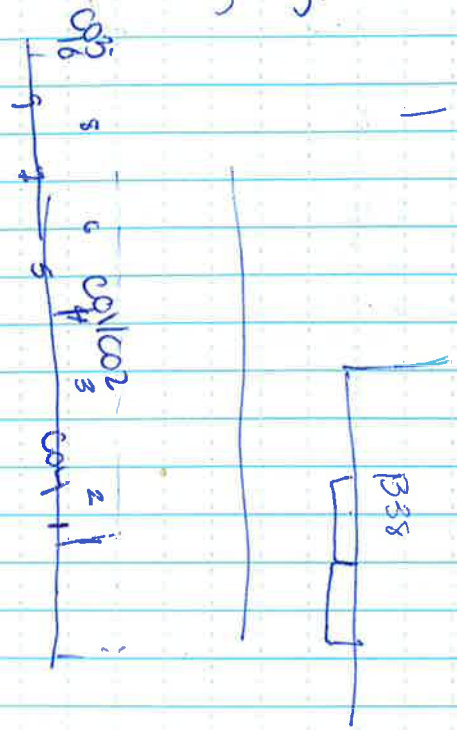
1150: 1/Take - B08-S06 - C03
to show clean northern
edge

1200: Begin backfilling w/ Rete
& Robbie
- Return to trailer for
sample managent

B38 9/20

1500 · Arrive onsite
CJ, PR, Robbie, monte, Dana

1304 · will begin digging to
last depth of AMI @ sample
location & rescreen
↓ DRO → 500 mg/kg



B38 9/20

1521 · First truck leaves

Trucks: 1

FS 1 0.0
FS 2 0.6
FS 3 5.3 * suspect higher ppm from organics
FS 4 0.3
FS 5 · 6.3
FS 6 · 4.2
FS 7 4.4
FS 8 0.6
FS 9 3.0
FS 10 3.9

1625 11 Taku · B38 · S03 · C01
2 4oz + MeOH
1x 4oz + 2 x 8oz
4x 4oz
MS/D

Scale: 1 square = _____

B38 9/20

1625 11 Taku - B38 - S03 - C02
1 x 4oz + MeOH
1x 8oz, 1 x 4 oz
2 x 4oz
Duplicate

1635 · 11 Taku - B38 · S01 - C03

1641 11 Taku - B38 - S02 - C04

Scale: 1 square = _____

"Life in the Rain"

B38 9/28

0900 · Calibrate PID
6.0 Fresh Air
100 ppm Isobutylene

1000 · Arrive on site
Benzene @ C03
TCE @ C01
PCE @ C04

* Will digging around all spots & attempt to field screen for VOCs

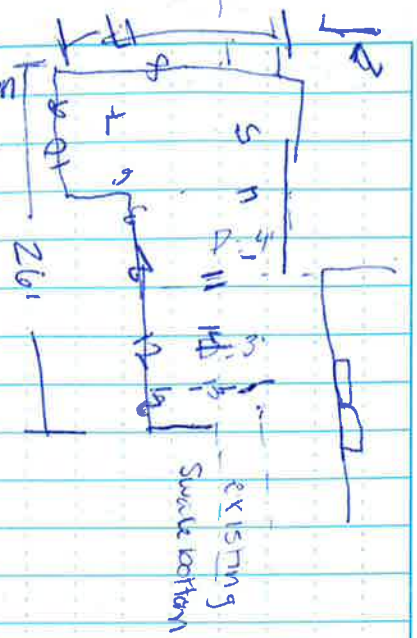
10:20 · First truck leaves
Trucks: ~~IIII~~

* Digging 1' bgs across entire bottom + 4' on either wall

1027 · Multiply x .53 for benzene
- Tom from TTT & TCE

1110 · Collect field screen
Heavy organics @ 2' in wall

FS1	0.2
2	0.2
3	0.1
4	0.3
5	0.6
6	0.3
7	0.2
8	0.3
9	0.6
10	0.4



26 x 17 = 442
26(2) + 17(2) = 86

1152 11Taku · B38 · S01-C05

2x40z

Scale: 1 square = _____

Scale: 1 square = _____

"Rite in the Rain"

1204 · 11Taku - B38 - S01 - C06

1208 11Taku - B38 - S02 - C07

1212 11Taku - B38 - S02 - C08

1215 · smell something while taking sample - collect FS11

1226 · FS11 · 14.9

· will come back & remove after lunch

1330 · Return to site

· ~~Fwe~~ 1.5 buckets width down to 9' bgs in "hotspot"

FS 12 0.1

FS 13 0.1

FS 14 0.4

B38 9/29

1357 · 11~~FWA~~ Taku - B38 · S02 · C09

1401 11Taku - B38 - S03 - C10

1405 11 Taku - B38 - S04 - C11

1412 11Taku - B38 - S04 - C12

$\boxed{\text{ms/D}}$

1419 11Taku - B38 - S04 - C13

~~Duplicate~~

1419 11Taku - B38 - S04 · C14

Duplicate

Scale: 1 square = _____

Scale: 1 square = _____

"Rite in the Rain"

B38 7/28

1424 11Taku-B38-S04-C15

1450 · Depart site for sample management
- Demob excavator

Scale: 1 square = _____

Building 08 191

1315 · Calibrate PID
Fresh Air - 0.0 ppm
Isobutylene - 99.5 ppm

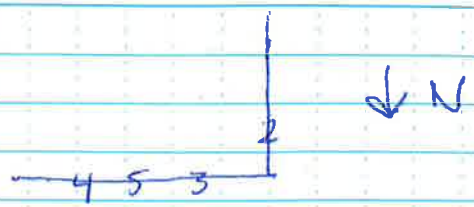
1416 - Arrive on site
Samples C01 + C02 => 20,000 mg/kg DRO

- Going to dig N w/ action level of 100 ppm on PID · needs to be under 10,000 mg/kg (direct contact level)
- Depth - shear zone
- Going to add MW28 to fall sampling → downgradient of pit

1426 · First truck leaves
Trucks: ~~IIII~~ IIII

1530 · Collect field screens
- Field screens low maybe due to gravel - ~~sam~~ field screen
Silty layer directly above gravel
= >100 - will continue N

Scale: 1 square = _____



FS	ppm	depth
1	48.6	6
2	7.1	6
3	4.7	6
4	43.7	6
5	14.8	8

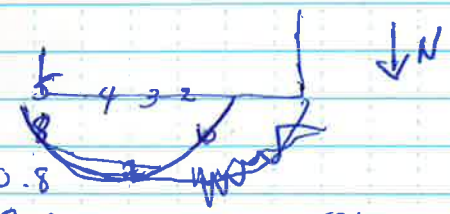
1430 · Stop digging for night
· Caution tape hole

~~FS~~ 830 · Calibrate PID
0.0 - Fresh Air
100 - Iso
0930 · Arrive on site
· will clean up bottom & start moving east along northern wall

Trucks: ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ IIII

1040 · Moving east
· collect field screen at 6'
FS1 = 378 ppm

1144



FS2 - 0.8
FS3 - 200
FS4 - 379
FS5 314
FS6 - 203
FS7 - 14.6
FS 411

1215 - Break for lunch

"Rite in the Rain"

1300: Return from lunch - will take Northern wall 5' N where elevated screens were

1446: Samples in sand/gravel seems less ~~sample~~ smelly - Collect
FS 9 under FS 8
FS 10 under FS 8
FS 9 - 49.8
FS 10 - 3.1

1500: SB & PR arrive onsite
- Will dig approx. 1' into gravel then call good

1600: Find what looks like drum
- unbury to find 'o disinfectant container for CMW
- overpack container + sourrounding soil

1636: Continue digging

1648: Find second 10-gal drum

Scale: 1 square = _____

Building 08 : 10/4

0830: Calibrate PID
Fresh air: 0.0 ppm
Isobutylene - 100 ppm

0900: Arrive onsite
Weather: Clear, cool → 40°
Monte, Kelly, SB, SdT, CJ

0937: Find 2 more small bleach canisters - continue digging along northern wall near BO8
- Begin sifting as digging to ensure no more metal

0946: First trucks leaves

Trucks: ~~IIII~~ III

1043: Find 1 more 5-gallon + 1 partial

1052: Find Shenley Reserve glass bottle + rotted cardboard

Scale: 1 square = _____

Rite in the Rain

1100: Find boozepile
· Budweiser cans + liquor bottles

1115: Collect field screens

FS 11 - 2.5
12 - 98.0
13 - 6.2
14

Scale: 1 square = _____

10/5

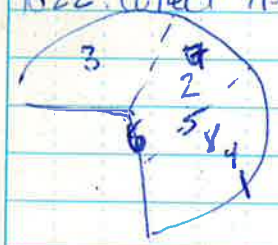
0830: Calibrate PID
0.0 - Fresh Air
100 ppm Iso

0922: Arrive onsite
· will continue digging east along northern boundary

0928: First truck leaves

Trucks: 𝍸 𝍸 II

1022: Collect field screens



FS 1 - 307 5'
FS 2 - 220 5'
FS 3 - 17.6 5'

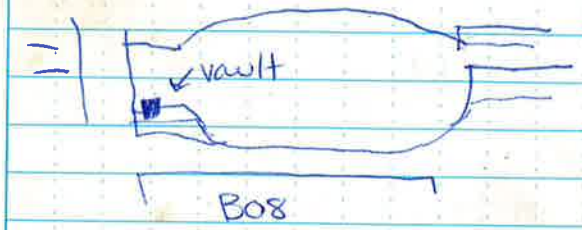
· will take bench down 2'
FS 4 - 124 6'
FS 5 - 215 7'
FS 6 - 5.4 5'
FS 7 97.1 7'
FS 8 - 111 7'

Scale: 1 square = _____

"Rite in the Rain"

1323 · Find canvas cover to old jeep w/ burned soil

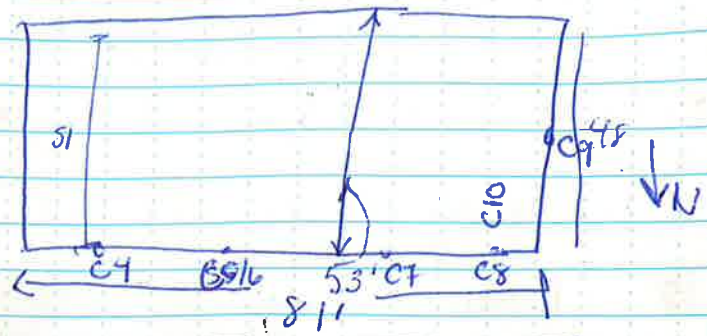
1330 · Find edge of what looks like a vault w/ fuel line
· SB + PR come look + leave to talk to Joe Malen
· will stop digging until hear further



1454 · ~~Eat~~ Decision from JM
Supersack all "different" (burned) soil from around vault + then continue digging as before

1515 · Begin filling SuperSacks

11Taku · B08 · SSXX



Supersacs: NN

Scale: 1 square = _____

Scale: 1 square = _____

10/6

0800: Arrive on site to collect Northern wall samples before access road is taken out.
- will collect 4 wall samples then move to floor

80 11Taku · B08 · S05 · C04
above diesel line 2x4oz
1x4oz +meOH
1x8oz, 1x4oz

817: 11Taku · B08 · S07 · C05
in diesel line 1x4oz +meOH
1x8oz, 1x4oz
2x4oz

11Taku · B08 · S07 · C06
1x4oz +meOH
1x8oz, 1x4oz
2x4oz
Duplicate

Scale: 1 square = _____

10/6

828: 11Taku · B08 · S08 · C07
~~Scratch~~ gravelly sand below diesel layer
1x4oz +meOH
2x4oz
1x8oz, 1x4oz

11Taku · B08 · S06 · C08
On diesel line

MS ID

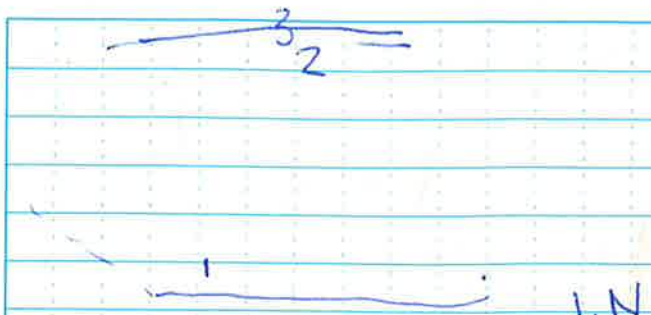
0851: 11Taku · B08 · S06 · C09
W. wall - on clay / diesel line

0904: Start digging again on eastern end

Trucks: 11

Scale: 1 square = _____

"Rite in the Rain"



FS 1 3.0
FS 2 78.6 - will remove out of swale line

1500 · Arrive onsite to collect FS from southern wall where stained soil found
· have removed temporary road down to swale grade
· looks like clean soil on top of comm lines

1551 - SB & PR arrive onsite - while digging new DRO spot find sweet smelling spot.
· will sample in that location during sampling

Scale: 1 square = _____

1609 - 11Taku B08 · S012 · C16
· smear zone · sand

1618 - 11Taku · B08 · S012 - C11
· smear zone

1623 · 11Taku · B08 · S012 - C12
silty-sand

1623 11Taku · B08 · S012 · C13
Duplicate

1629 · 11Taku · B08 · S012 · C14
Sand w/ cobbles

1636 · 11Taku · B08 · S08 · C15
fine silty sand

1640 : 11Taku - B08 - S09 - C16
Cobbles w/ very little fines

1644 · 11Taku · B08 · S06 - C17
hard pack layer

1647 11Taku · B08 · S04 · C18
Cobbles & sand (looks like fill)

1652 11Taku · B08 · S01 - C19
wall -

1656 11Taku · B08 · S04 - C20
wall - soil (native mix)

1700 11Taku · B08 · S05 · C21
wall - soil (native mix)

Scale: 1 square = _____

"Rite in the Rain"

1706 · 11Taku B08 · S04 - C22

1709 · 11Taku · B08 · S02 - C23

1714 11Taku · B08 · S02 · C24
Wall - Fill - like

Scale: 1 square = _____

10/31

1405 · Arrive @ building 08

1420 · Begin drilling SB01
- drilling to GW
collect samples from 6-8'
9-11' + gw interface

1432 - 11Taku-B08-SB01-C25
depth = 6'-8'
no indication of DRO

1441-11Taku-B08-SB01-C26
depth = 9-11'

1444- 12-16' sleeve smells
strangly of DRO

1450 - 11Taku - B08 - SB01 - C27
depth: 15-16' @ just
below gw interface
- when pinch of soil placed
in cup / thick sheen on H_2O

Scale: 1 square = _____

Taku-Building 08 10/31

1505 · Begin drilling SB02

1516 · Find diesel layer @ 6' bgs

1520 // Taku-B08-SB02-C28
depth = 6' - diesel layer

1525 // ~~Taku~~-B08-SB02-C29
depth = 9' faint diesel smell

1525 // Taku-B08-SB02-C30
depth = 9'
Duplicate

1535 - // Taku-B08-SB02-C31
depth = 13'
MS/D

1542 - Begin drilling SB03

1556 - // Taku-B08-SB03-C32
depth = 6'

Scale: 1 square = _____

"Rot in the Rain"

10/31

1601 - 11Taku-B08-SB03-C33
Depth = 9'
sand layer

1605 - 11Taku-B08-SB03-C34
Depth = 13'
GW interface

1614 - Begin drilling SB04

1629 - 11Taku-B08-SB04-C35
Depth = 6'

11Taku-B08-SB04-C36

Duplicate

1634 - 11Taku-B08-SB04-C37
Depth = 10'

1639 - 11Taku-B08-SB04-C38

Scale: 1 square = _____

Soil Boring Logs

BORING LOG

Project: **Taku Gardens**		ID: **SB01**
Client: **US Army Corps of Engineers, Alaska Division**		Surface Elev. (m) / Elev. Datum: **NAVD88**
Easting (m): **468,332.0**	Northing (m): **7,189,193.2**	Coordinate and Projection System: **WGS1984, UTM Zone 6N**
Date Drilled: **31 Oct 2011**	Driller: **Hammer Environmental -- Paul Caron**	Geologist: **P. Bullock**
Type of Hole: **Soil Boring**	Depth to Groundwater: **measured during drilling**	
Drill Rig: **Geoprobe 6610DT**	Tooling: **Direct-push DT325 continuous core (3.25 in drill rod, 1.8 in core)**	Total Depth: **16.0 ft**

Depth (ft)	USCS Symbol	Lithology	VOCs (ppm)	Soil Description
0	FILL			FILL
	SP			POORLY GRADED SAND: Fine sand with gravel, moist; (80%, 20%).
2	ML			SILT: Sandy silt, moist.
4	SP			POORLY GRADED SAND: Coarse sand with fine gravel, moist; (70%, 30%). ANALYTICAL SAMPLE: 11TAKUB08-SB01-C25
6				
8	SP			POORLY GRADED SAND: Coarse sand with fine gravel, light brown, moist; (90%, 10%). ANALYTICAL SAMPLE: 11TAKUB08-SB01-C26
10	SP			POORLY GRADED SAND: Fine sand, moist; 10YR 3/3 dark brown.
12	SP			POORLY GRADED SAND: Fine sand with fine gravel, light brown, wet, water table at 13.2 feet; (70%, 30%). ANALYTICAL SAMPLE: 11TAKUB08-SB01-C27
14	SP			POORLY GRADED SAND: Fine sand with fine gravel, wet; (70%, 30%); 2.5YR 3/2 very dark grayish brown.
16				
18				
20				
22				
24				
26				
28				

Note
Coordinates and surface elevation were surveyed onsite with a Leica GPS system.
Soil color descriptions and USCS class are from the AMS Munsell Soil Guide developed with the U.S. Soil Conservation Service (USCS).
Blow counts were not recorded.

BORING LOG

Project: **Taku Gardens**		ID: **SB02**
Client: **US Army Corps of Engineers, Alaska Division**		Surface Elev. (m) / Elev. Datum: **NAVD88**
Easting (m): **468,319.7**	Northing (m): **7,189,188.5**	Coordinate and Projection System: **WGS1984, UTM Zone 6N**
Date Drilled: **31 Oct 2011**	Driller: **Hammer Environmental -- Paul Caron**	Geologist: **P. Bullock**
Type of Hole: **Soil Boring**	Depth to Groundwater: **measured during drilling**	
Drill Rig: **Geoprobe 6610DT**	Tooling: **Direct-push DT325 continuous core (3.25 in drill rod, 1.8 in core)**	Total Depth: **16.0 ft**

Depth (ft)	USCS Symbol	Lithology	VOCs (ppm)	Soil Description
0	SP			POORLY GRADED SAND: Fine sand, moist, 10YR 3/3 dark brown.
	SP			POORLY GRADED SAND: Coarse sand with fine gravel, light brown, moist, (60%, 40%).
2				
4	SP			POORLY GRADED SAND: Coarse sand with fine gravel, moist, (70%, 30%). ANALYTICAL SAMPLE: 11TAKUB08-SB02-C28
	SM			SILTY SAND: Silty sand, dark brown, moist.
6	SP			POORLY GRADED SAND: Coarse sand with fine gravel, light brown, moist, (70%, 30%).
8	SP			POORLY GRADED SAND: Coarse sand with fine to medium gravel, light brown, moist, (70%, 30%). ANALYTICAL SAMPLE: 11TAKUB08-SB02-C29 ANALYTICAL SAMPLE: 11TAKUB08-SB02-C30
10				
12	SP			POORLY GRADED SAND: Coarse sand with fine to medium gravel, light brown, wet, water table at 13.1 feet, (70%, 30%). ANALYTICAL SAMPLE: 11TAKUB08-SB02-C31
14				
16				
18				Note: Coordinates and surface elevation were surveyed onsite with a Leica GPS system. Soil color descriptions and USCS class are from the AMS Munsell Soil Guide developed with the U.S. Soil Conservation Service (USCS). Blow counts were not recorded.
20				
22				
24				
26				
28				

BORING LOG 2011 TAKUB08_2011PROJ.GPJ JBER_2011TMPLT.GDT 2012/07/12

BORING LOG

Project: **Taku Gardens**		ID: **SB03**
Client: **US Army Corps of Engineers, Alaska Division**		Surface Elev. (m) / Elev. Datum: **NAVD88**
Easting (m): **468,316.1**	Northing (m): **7,189,187.0**	Coordinate and Projection System: **WGS1984, UTM Zone 6N**
Date Drilled: **31 Oct 2011**	Driller: **Hammer Environmental -- Paul Caron**	Geologist: **P. Bullock**
Type of Hole: **Soil Boring**	Depth to Groundwater: **measured during drilling**	
Drill Rig: **Geoprobe 6610DT**	Tooling: **Direct-push DT325 continuous core (3.25 in drill rod, 1.8 in core)**	Total Depth: **16.0 ft**

Depth (ft)	USCS Symbol	Lithology	VOCs (ppm)	Soil Description
0	SM			SILTY SAND: Silty sand with fine gravel, moist; (80%, 20%); 10YR 3/3 dark brown.
	SP			POORLY GRADED SAND: Coarse sand with fine gravel, light brown, moist; (70%, 30%).
2				
4	SP			POORLY GRADED SAND: Coarse sand with fine gravel, light brown, moist; (80%, 20%). ANALYTICAL SAMPLE: 11TAKUB08-SB03-C32
6	SM			SILTY SAND: Silty sand, diesel layer, moist; 10YR 3/3.
	SP			POORLY GRADED SAND: Coarse sand with fine gravel, moist; (80%, 20%).
8	SP			POORLY GRADED SAND: Coarse sand with fine gravel, moist; (70%, 30%). ANALYTICAL SAMPLE: 11TAKUB08-SB03-C33
	SP			POORLY GRADED SAND: Fine sand, light brown, moist.
10	SP			POORLY GRADED SAND: Coarse sand with fine gravel, light brown, moist; (80%, 20%).
12	SP			POORLY GRADED SAND: Fine sand, wet, water table at 13.3 feet; 10YR 3/3 dark brown. ANALYTICAL SAMPLE: 11TAKUB08-SB03-C34
14	SP			POORLY GRADED SAND: Coarse sand with fine gravel, wet; (50%, 50%).
16				
18				
20				
22				
24				
26				
28				

Note
Coordinates and surface elevation were surveyed onsite with a Leica GPS system.
Soil color descriptions and USCS class are from the AMS Munsell Soil Guide developed with the U.S. Soil Conservation Service (USCS).
Blow counts were not recorded.

BORING LOG

Project: **Taku Gardens**		ID: **SB04**
Client: **US Army Corps of Engineers, Alaska Division**		Surface Elev. (m) / Elev. Datum: **NAVD88**
Easting (m): **468,303.7**	Northing (m): **7,189,188.9**	Coordinate and Projection System: **WGS1984, UTM Zone 6N**
Date Drilled: **31 Oct 2011**	Driller: **Hammer Environmental -- Paul Caron**	Geologist: **P. Bullock**
Type of Hole: **Soil Boring**	Depth to Groundwater: **measured during drilling**	
Drill Rig: **Geoprobe 6610DT**	Tooling: **DT325 continuous core (3.25 in drill rod, 1.8 in core)**	Total Depth: **16.0 ft**

Depth (ft)	USCS Symbol	Lithology	VOCs (ppm)	Soil Description
0	FILL			FILL: Fill, moist; 10YR 3/3 dark brown.
2				
4	SM			SILTY SAND: Silty Sand, moist; 10YR 3/3 dark brown. ANALYTICAL SAMPLE: 11TAKUBO8-SB04-C35 ANALYTICAL SAMPLE: 11TAKUB08-SBO4-C36
6	SP			POORLY GRADED SAND: Fine sand, moist.
	SP			POORLY GRADED SAND: Fine sand with fine gravel, light brown, moist; (80%, 20%).
8	SP			POORLY GRADED SAND: Coarse sand with fine gravel, light brown, moist; (70%, 30%). ANALYTICAL SAMPLE: 11TAKUB08-SB04-C37
10				
12	SP			POORLY GRADED SAND: Coarse sand with fine gravel, water table at 13.1 feet; (60%, 40%). ANALYTICAL SAMPLE: 11TAKUB08-SB04-C38
	SP			POORLY GRADED SAND: Fine sand with fine gravel, light to dark brown, wet; (80%, 20%).
14				
16				
18				Note Coordinates and surface elevation were surveyed onsite with a Leica GPS system. Soil color descriptions and USCS class are from the AMS Munsell Soil Guide developed with the U.S. Soil Conservation Service (USCS). Blow counts were not recorded.
20				
22				
24				
26				
28				

BORING LOG 2011 TAKUB08_2011PROJ.GPJ JBER_2011TMPLT.GDT 2012/07/12

Groundwater Forms

Site Name: MW 28	Well ID: MW28		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: Taku-	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/3			
Start Time: 1610	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time:			Turbidity ±10% NTU
Sampled By: CJ/PB			
PID Reading:			
Weather Conditions:			
Probe Type: ☒ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other	Casing Diameter (in) ☒ 2 ☐ 4	Gallons/Linear Foot ☒ 0.17 ☐ 0.66	Casing Radius² (ft) ☒ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1622 Finish Time: 1705	Depth to Product: — Depth to GW: 16.71 Total Depth (T.D.) of Well Casing: 19.06 Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1630	0.25	3.53	0.319	7.78	17.3	3.63	50.3	
1640	1.0	3.69	0.313	6.97	12.8	1.88	47.8	
1650	1.5	4.32	0.306	6.64	3.99	1.54	32.4	
1655	2	4.83	.306	6.66	2.28	2.25	21.6	
1700	2.25	4.88	.306	6.65	1.69	1.68	21.8	
1705	2.5	4.87	.306	6.63	1.60	1.57	25.7	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☒ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☒ Hach YSI	

Sampling Information

Date: 10/3 Start Time: 1707 Finish Time: Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11Taku-GW-MW28	10x1L	8270, 8270SIM, 8051, 8081,	8330	
	7x1L	AK102/103	HCl	
	1x500mL	6020/7471	HNO_3	
	9x VOAs	101, 8260, 8260SIM	HCl	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

11Taku-GW-MW28

Site Name: TAKU	Well ID: MW62	**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
Project #: 05F-5070	Well Material: ☒ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: ~~6/20/11~~ 6/21/11	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: ~~1330~~ 0835		Turbidity ±10% NTU
Finish Time: 1305		
Sampled By: JY / DH		
PID Reading: WC: 0.8 BZ 0.1		
Weather Conditions:		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☒ Oil/Water Interface	☒ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0842	Depth to Product:	**Purging Equipment**
Finish Time: 0930	Depth to GW: ~~13.97~~ 13.91	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.09	☐ Submersible Pump
	Product Thickness:	☒ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged_____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0855	0.5	6.88	0.397	5.34	50.1	0.95	-39.7	13.92
0900	0.75	6.89	0.390	5.34	56.9	0.89	-34.7	13.92
0910	1.25	6.92	0.390	5.41	25.9	0.84	-32.5	13.92
0915	2.00	6.92	0.387	5.37	13.1	0.67	-34.1	13.92
0920	2.5	6.92	0.386	5.38	8.06	0.67	-34.3	~~13~~ 13.92
0925	2.75	6.92	0.384	5.29	6.40	0.64	-33.4	13.92
0930	3.00	6.92	0.382	5.44	3.82	0.51	-32.4	13.92
0935	3.25	6.92	0.384	5.44	2.77	0.612	-33.5	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☒ Yes ☒ No	☒ Hach	

Sampling Information

Date: 6/21/11	**Sampling Equipment**
Start Time: 0930	☐ Bailer
Finish Time: 1303	☐ Submersible Pump
Depth of Tubing: ~16'	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWA - TAKU - MW62	x3 2 L UNP		SW6270/6270SIM;	SW8151; SW8081
11FWA - TAKU - MW62D	x 8 1 L HCL		AK102/103	
	x 24 VOA HCL		AK101 ; SW8260	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

MS/D DUP

APPENDIX E

Permits

Taku Gardens
Bldg. 11

DIG CLEARANCE
DIRECTORATE OF PUBLIC WORKS, FORT WAINWRIGHT, ALASKA
(Updated 18 May 2011)
NOTE: Locates require 72-hour notice
(Except where indicated)

Request clearance to proceed with work at: TAKU Gardens (Specific location)

DPW Work Order# DPW-10086-1J **Contractor:** Jacobs Eng. **POC Name/Phone:** Al Handesty 356-1280
(This information is MANDATORY)

TYPE OF WORK REQUIRED: (provide brief but complete description of work to be performed)
Excavation of contaminated soil at TAKU Garden Bldg 11

Project Dates: June 23, 2011 thru Oct 1, 2011 Above Excavation Checked for Conflicts with the Following:

Department	Conflict	Signing Official	Date
Utilities Privatization, Bldg 3022 (Center) ~~868~~ 361-7550	Yes (No)	[illegible]	6/23/11
Facility Management Specialist (Electric), Bldg 3015 353-6172 (Buried Electric)	Yes (No)	[illegible]	6/23/11
Alarm Controls, Bldg 3022 (East) 353-6254 (Alarms)	Yes (No)	Bergey	6·23·11
Doyon Utilities, Bldg 3564 Neely Rd 455-1568 (Steam, Water, Sewer)	#2 (Yes) No	Don. Wallis	6/23/11
Doyon Utilities, Bldg 3564 Neely Rd 455-1570 (Overhead Power Lines)	#3 (Yes) No	Don. Wallis	6/23/11
Roads & Grounds, Bldg 3015 361-7992	Yes No	N/A	
Environmental, Bldg 3023 353-9886	#1 (Yes) No	GENE CLARE	23 JUN 11
Fire Dept, Bldg 1049 (Apt 9) 353-9164 (Use of Hydrant Sys/Road Closure)	Yes (No)	[illegible]	6/23/11
Telephone System, Bldg 1060 353-6101 (507th Signal Co)	Yes (No)	[illegible]	23 June 2011
Alaska Dig Line (ACS) 260677 1-800-478-3121 (48 hour notice required)	Yes No	GCI 6/23/11 . ACS ok 6/27/11	
**Other_____	Yes No		

Explanation of Conflicts Identified Above (annotate on drawings):
#1 AAR REQUIRED — (Me) #2 Call prior to digging.
#3 Power marked in red paint

**If Required:

Alaska Railroad - If excavating within 100 feet of railroad right of way: 907-265-2465 (10 day notice required)
Ammunition Areas, Bldg 1900 & 2200: 353-6440 (Security Only)
Provost Marshall, Bldg 3028: 353-7535 (Road Closure Only)
Customer Service Desk, Bldg 3015: 353-7069 (Utility Outages Only)

[X] **Special Requirements Note:** INSTITUTIONAL CONTROLS AREA - POTENTIALLY CONTAMINATED AREA, SPECIAL PRECAUTIONS APPLY - SEE SOP and NOTE REQUIREMENTS #6 AND #7 BELOW

1. This clearance authorizes commencement of excavation work only and is not a notice to proceed or work authorization.
2. This excavation clearance is effective upon the date of signature by DPW official below; EXCAVATION SHALL COMMENCE WITHIN 30 CALENDAR DAYS.
3. ***Requester will provide two (2) copies of required work site drawings with excavation clearance request.*** DPW will retain one (1) copy of these drawings.
4. Requester will retain original completed excavation clearance request onsite during excavation activities. DPW will retain one (1) copy of the request.
5. Boring locations must be marked on a 1/100 scale drawing.
6. All soil to be removed from the work site shall be disposed of in accordance with guidance from the DPW Environmental Resources Department.
7. An after action report (AAR) concerning work at sites where institutional controls are in place shall be submitted to DPW Environmental Resources Department NLT 30 days **following completion of work.**

Peter Redmond 6/22/11
Requester's Signature Date

APPROVED: Ed Chacho 6/27/11
Ed Chacho, Business Operations & Integrations Date

Taku Gardens
- Soil Removal

DIG CLEARANCE
DIRECTORATE OF PUBLIC WORKS, FORT WAINWRIGHT, ALASKA
(Updated 18 May 2011)
NOTE: Locates require 72-hour notice
(Except where Indicated)

Request clearance to proceed with work at: TAKU Gardens (Specific location)

DPW Work Order# DPW-10086-IJ Contractor: Jacobs ENG POC Name/Phone: Al Hardesty 356-1280
(This information is MANDATORY)

TYPE OF WORK REQUIRED: (provide brief but complete description of work to be performed)
Construction Support for below ground contaminated soil Removal

Project Dates June 23, 2011 thru Nov 30, 2011 Above Excavation Checked for Conflicts with the Following:

Department	Conflict	Signing Official	Date
Utilities Privatization, Bldg 3022 (Center) ~~868~~-7550 361-	Yes (No)		6/23/11
Facility Management Specialist (Electric), Bldg 3015 353-6172 (Buried Electric)	Yes (No)		6/23/11
Alarm Controls, Bldg 3022 (East) 353-6254 (Alarms)	Yes (No)	Bergey	6.23.11
Doyon Utilities, Bldg 3564 Neely Rd 455-1568 (Steam, Water, Sewer)	#3 (Yes) No	D. Wallis	6/23/11
Doyon Utilities, Bldg 3564 Neely Rd 455-1570 (Overhead Power Lines)	#4 (Yes) No	D. Wallis	6/24/11
Roads & Grounds, Bldg 3015 361-7992	Yes No	N/A	
Environmental, Bldg 3023 353-9686	#1 (Yes) No	GENE CLARE	23 JUN 11
Fire Dept, Bldg 1049 (Apt 9) 353-9164 (Use of Hydrant Sys/Road Closure)	Yes (No)	Jerry Vochus	6/23/11
Telephone System, Bldg 1060 353-6101 (507th Signal Co)	#2 (Yes) No		23 June 2011
Alaska Dig Line (ACS) 260678 1-800-478-3121 (48 hour notice required)	Yes No	GCI 6/23/11	ACS ok 6/27/11
**Other	Yes No		

Explanation of Conflicts Identified Above (annotate on drawings):
#1 AAR REQUIRED (NO) #2 Call prior to Digging #3 Call prior to digging
#4 Power marked in red paint

**If Required:

Alaska Railroad - If excavating within 100 feet of railroad right of way: 907-265-2465 (10 day notice required)
Ammunition Areas, Bldg 1900 & 2200: 353-6440 (Security Only)
Provost Marshall, Bldg 3028: 353-7535 (Road Closure Only)
Customer Service Desk, Bldg 3015: 353-7069 (Utility Outages Only)

☒ **Special Requirements Note:**

INSTITUTIONAL CONTROLS AREA - POTENTIALLY CONTAMINATED AREA, SPECIAL PRECAUTIONS APPLY - SEE SOP and NOTE REQUIREMENTS #6 AND #7 BELOW

1. This clearance authorizes commencement of excavation work only and is not a notice to proceed or work authorization.
2. This excavation clearance is effective upon the date of signature by DPW official below; EXCAVATION SHALL COMMENCE WITHIN 30 CALENDAR DAYS.
3. ***Requester will provide two (2) copies of required work site drawings with excavation clearance request.*** DPW will retain one (1) copy of these drawings.
4. Requester will retain original completed excavation clearance request onsite during excavation activities. DPW will retain one (1) copy of the request.
5. Boring locations must be marked on a 1/100 scale drawing.
6. All soil to be removed from the work site shall be disposed of in accordance with guidance from the DPW Environmental Resources Department.
7. An after action report (AAR) concerning work at sites where institutional controls are in place shall be submitted to DPW Environmental Resources Department NLT 30 days following completion of work.

Peter Redmond 6/22/11
Requester's Signature Date

APPROVED: Ed Chacho 6/27/11
Ed Chacho, Business Operations & Integrations Date

APPENDIX F

Responses to Comments

REVIEW COMMENTS

PROJECT: Former Communications Site 2011 Construction Support, Fort Wainwright
DOCUMENT: Draft After-Action Report, Fort Wainwright, AK, April 2012

Alaska Department of Environmental Conservation	**DATE: 7/13/2012** **REVIEWER: Deb Caillouet** **PHONE:** (907) 269-0298	**Action taken on comment by:** Jacobs Engineering Group, Inc.

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - comment accepted W - comment withdrawn	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A-AGREE) (D-DISAGREE)
1	1.2	Routine monitoring of sub-slab soil gas is not occurring. Please remove the statement.	A	The statement will be removed and the sentence will be revised to read: "Follow-up actions included continued routine groundwater monitoring to characterize trends and natural attenuation of contaminants of concern (COC) at the FCS"	
2	All Sections	The sample numbers used in the text should be the same ones on the laboratory reports. Sample 11TAKU-B08-S01-W01 in Section 3.4.5 is not anywhere else in this report. For this sample I think the error is a zero instead of a letter O, but there are others where there are digits extra or missing. I did not look for the results of every sample in the text, but there were several where they could not be found as an exact match.	A	The document will be re-checked to ensure that all sample IDs in the document match the actual IDs used.	
3	3.4.5, last sentence page 3-7	This refers to Figure 3-4 for B08 but the figure is for B48, should refer to Figure 3-5.	A	The sentence will be changed to reference Figure 3-5.	
4	3.4.6	Please provide a list of all munitions debris (MD) found, including what it was and provide photos of the MD	A	A complete list of all MD found during 2011 will be provided in this section. Photos of all of the items will be added to Appendix A, Photo Log.	
5	3.4.6	The Executive Summary says there were 34 cubic yards of soil removed, this says 20 cy and 14 Super Sacks. Super Sacks do not necessarily contain 1 cy. The volumes should agree throughout the report, including the waste summary.	A	The document will be re-checked to ensure that all numbers agree. In the case of Building 27, the supersacks were completed filled using a large hopper and were assumed to hold 1 cy each for a total of 34 cy.	
6	3.4.8	The first paragraph describes samples on the southeast of Building 42 identified by odor and PID. The second paragraph mentions a hot spot on the east side. If these locations are the same the same descriptor should be used. If they are not the same that should be made clear.	A	The descriptor will be changed to "east side" throughout.	

Alaska Department of Environmental Conservation	**DATE: 7/13/2012** **REVIEWER: Deb Caillouet** **PHONE:** (907) 269-0298	**Action taken on comment by:** Jacobs Engineering Group, Inc.

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - comment accepted W - comment withdrawn	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A-AGREE) (D-DISAGREE)
7	Figure 3-5	SB01 should show as an exceedance as it had 4800 mg/kg DRO at 15-16' bgs. The figure also shows this boring to be within the house. I realize the GPS has inherent error but can you adjust the location to be more representative?	A	The figure will be updated as requested.	
8	Figure 3-7	Paragraph 4.2.6 says there were exceedances but none are indicated on the figure. Was one set of confirmation samples obtained and then additional excavation performed and another set of confirmation samples obtained? If this is the case then sample locations that were removed should be identified from sample locations that remain.	A	The figure will be updated as requested to show a difference between the samples that remain versus samples that were removed. Additionally, sections 3.4.4 and 4.2.6 will be revised to more clearly indicate that the second part of the investigation removed the previous exceedances.	
9	4.0	It appears that the data tables in Attachment B were not highlighted for exceedances of the EPA MCL-based SSLs. I have found at least 4 samples(see below) that had exceedances that have not been discussed in this section. Chromium as well as arsenic was exceeded in many samples. If these sample locations were removed and resampled this has to be clearly identified, either in the Attachment B tables, or preferably in this section showing the exceedances and the final confirmation results after removal of exceedances.	A	All arsenic exceedances were within background levels at the FCS and were therefore not included in the discussion as noted in section 4.0. The document will be re-checked to make sure that all exceednaces related to known COCs are discussed in the appropriate sections.	
10	4.1.1	The statement that "All sample results were below the ADEC cumulative (multi-chemical) risk threshold of 1 x 10-5, the ADEC most stringent cleanup criteria, and EPA MCL-based SSLs." , is not correct. 11FWA-TAKU-SO05-C01 exceeded the migration to groundwater cleanup level for pentachlorophenol.	A	Section 4.1.1 refers only to the confirmation samples from Monitoring Well 62. The statement will be revised to clarify this point. The exceedances found at Building 27 are discussed in section 4.2.5.	
11	4.1.2	This list of analytical methods is missing metals. Samples C01, C02 and C07 exceeded the EPA MCL-based SSLs for lead.	A	The lead exceedances at B24 will be discussed.	

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Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - comment accepted W - comment withdrawn	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A-AGREE) (D-DISAGREE)
12	5.0	The waste documentation for the 15 cy from B38 is not provided in Appendix C. Documentation for the 4240 pounds of metal to C & R is also not in Appendix C. Verify and provide documentation that MD and RRD was disposed at C & R and provide the appropriate Army certifications that this material was allowed to be disposed at C & R.	A	15 cy of soil from B38 was disposed of at OIT by DPW and therefore disposal certifications were handled through the Army. We will request a copy for inclusion. The receipts and letter certifying the MD safe for recycling will be included in Appendix C.	
13	Table 5-1	The previous section implied all metal went to C & R. This table shows 34 cy of metal debris contamination from Area B27 going to the FTW landfill. Please explain.	A	The table will be updated to indicate that metal debris was recycled at C & R Piping and the soil containing the material from the charcoal filters was disposed of at the FTW Landfill.	
14	Missing	The installation and intent of the liner at B08.	A	Section 3.4.2 discusses the installation and purpose of the liner at B08. The paragraph will be revised to read the following in order to clarify the installation and purpose: "A 20-millimeter reinforced high-density polyethylene liner was placed on the excavation floor of the drainage swale at 10 feet bgs with a slight ridge in the middle to force water to either side of the footprint of the swale. The liner was placed in order to prevent surface water from migrating through swale to the soil column and causing the contamination to spread further."	
15	Lab Data Packages	Could you modify the CD label them by the lab report numbers or modify the lab data checklists to include which site they are for? The reviewer has to guess which site to go to, to find the data package and compare it to the checklist.	A	The lab reports and checklists will be sorted into folders by sites on the CD for ease of reading.	

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16	Checklist 580-27865	Per the case narrative, Samples 11TAKU-B24-SO3-C01 (580-27865-1), 11TAKU-B24-SO3-C02 (580-27865-2), 11TAKU-B24-SO4-C03 (580-27865-3), 11TAKU-B24-SO4-C04 (580-27865-4), 11TAKU-B24-SO3-C05 (580-27865-5), 11TAKU-B24-SO3-C06 (580-27865-6), 11TAKU-B24-SO3-C07 (580-27865-7) and 11TAKU-B24-TB01 (580-27865-8) were submitted to volatiles for analysis with signs of significant MeOH spillage. This is not included in the checklist nor the impact on the samples. These samples should be qualified.	A	The following statement will be added to Section 4.b of the checklist: "The case narrative indicated that the VOC samples had signs of 'significant' methanol leakage, yet this was not noted on the sample receipt form." The following statement will be added to Section 4.d of the checklist: "The sample quality and usability do not appear to be significantly affected. The soil remained covered with methanol and the field surrogate recoveries for the affected samples met recovery goals and ranged from 78% to 88%. The following will be added to Section 2.2 of the DQA: "Methanol leakage was noted on the case narrative for several methanol preserved SW8260 soil samples (list them here). The methanol leakage was not noted on any of the sample receipt forms. Although the methanol leakage was noted as "significant" due to smeared jar lables, the soil in the sample containers remained covered with methanol and any leaking methanol was contained in the individual sample ziplock bags. The field surrogates for the affected samples ranged from 78% ro 88% and were with recovery goals with the exception of sample 11TAKU-B48-SO8-C05. The field surrogate for this sample was biased low and outside qc recovery goals. All SW8260 results for sample 11TAKU-B48-SO8-C05 were qualifed with the JS- data flag and are consided estimated.	
17	Checklist 580-27820	Methanol spillage, need to qualify the data.	A	Please see response to comment 16, above.	

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18	Checklist 580-27870-1	Methanol spillage, need to qualify the data.	A	Please see response to comment 16, above. TFT recovery is low in sample 11TAKU-B48-SO8-C05; however, the BFB recovery is high. Results in this sample were qualified as estimated (JS) due to the surrogate outliers; additional qualification is not needed.	
19	Table B-1-1c, Table B-1-1e	Please reformat, there is one column showing on the second page.	A	The table will be reformatted, as requested.	
20	Field Notes, p 824 on pdf	The left page before the un-numbered page titled Building 08 10/4 seems to say that cans of neutralizing compound (bleach) used to decontaminate for chemical warfare material were found. Please expand and verify this was the final identification of the metal, was it full or empty and where was it disposed. This needs to be explained and discussed in the text.	A	The drums were crushed and empty and were therefore disposed of at C & R pipe with the rest of the metal debris found on the FCS and deemed recyclable. The small drum was found in a trash pile with various bottles, cans, and a mop handle. It was determined that the bleach was used for cleaning facilities rather than CWM. The following will be added to Section 3.4.2 to discuss the trash pile found. "During excavation activities three 10-gallon drums labeled "disinfectant" were discovered at approximately 6 feet bgs with rotting card board, a wooden, stick, and old beverage containers from the 1950s. All of the drums were inspected and screened using a PID. They were determined to be empty and free of contamination and were disposed of with scrap metal from the site."	

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21	Field Notes, p 826 on pdf	On the completely un-numbered, un-labeled page a vault with a fuel line is speculated. There is no further information. Was the vault left in place and the fuel lines? This needs to be explained and discussed in the text.	A	The vault was removed and disposed of. There were no elevated PID readings in the lines and they were determined not to be fuel lines. The following sentence will be added. "During excavation activities what looked to be a wooden vault with piping sticking out was discovered on the eastern edge of the excavation. This vault was removed as excavation activities continued. Wood and piping was segregated and containerized in supersacks."	

JACOBS

Responses to comments on the Draft Former Communications Site 2011 Construction Support After Action Report, Appendix B, Data Quality Assessment submitted by Mr Michael Utley, USACE, on 16 May 2012.

Comment, Page B-1-1 (Page 84): Actually, you list 9 sites. Please revise as necessary.

> **Response:** The text will be revised to indicate nine sites.

Comment 1, Page B-1-3 (Page 86): In the future, these should not be determined by the lab, but only proposed. They should be reviewed and evaluated against project needs and accepted or rejected prior to samples being rec'd at lab. You should be able to specify these at this point.

> **Response:** Comment noted. For future projects, the proposed limits will be approved prior to the samples arriving at the laboratory.

Comment 2, Page B-1-3 (Page 86): LCS and MS RPDs are not consistent with ADEC or FTW QAPP requirements. Please evaluate and revise as necessary for AK methods, SW6* and SW7*.

> **Response:** The LCS and MS RPD values were updated (from 30 percent to 20 percent) to be consistent with the QAPP and ADEC methodology.

Comment 1, Page B-1-5 (Page 88): Not consistent with FTW QAPP. Please evaluate and revise as necessary.

> **Response:** The bullet was updated to say "MS recoveries are outside QC limits, and the spiked concentration is less than one-half that of the parent sample." This is consistent with the Fort Wainwright QAPP.

Comment 2, Page B-1-5 (Page 88): LOQ should be LOD, here.

> **Response:** LOQ updated to say LOD.

Comment 3, Page B-1-5 (Page 88): This is not consistent with the FTW QAPP. Please evaluate and revise as necessary.

> **Response:** The sentence was replaced with "The MS sample recoveries were evaluated only if the native concentration was less than 2 times the spiking concentration."

Comment 1, Page B-1-6 (Page 89): Please change per telecom.

Response: The definition for "JS" was changed to say "The result was an estimated value because at least one surrogate failed recovery criteria for that sample."

Comment 2, Page B-1-6 (Page 89): Per telecon, this should be LOD.

Response: LOQ updated to say LOD.

Comment 1, Page B-2-2 (Page 91): Hold time for 8015 (glycols) was listed as 14 days for waters. But Chapter 4 of EPA indicates that SVOCs have a holding time of 7 days for water. Please comment.

Response: The hold time for glycols in aqueous samples is 7 days, as noted. Section 5.b of the ADEC worksheet for SDG 580-27548-1 was updated to say: "The analysis for glycols was performed 11 days after sample collection, which is four days past the seven day hold time. The results for the glycol analysis in sample 11FWA-TAKU-WX01 were qualified as estimated (JH) due to the hold time exceedance."

Additionally, Section 2.3 of the DQA was updated to say "All samples except glycols by SW8015 were originally analyzed within their respective method-specified holding times. The glycol analyses were analyzed 11 days after the sampling date, within twice the seven-day method-specified holding time. The results were qualified as estimated (JH) due to the hold time exceedance. Additionally, due to suspected matrix interferences in the original nitroaromatic explosive analysis by SW8330 for sample 11TAKU-B08-SO7-C02 resulting in an ADEC exceedance for 2-amino-4,6-dinitrotoluene, the Jacobs Project Chemist requested that the sample be re-analyzed by method SW8321. Because the sample was extracted 22 days past the sampling date, but within twice the fourteen-day method-specified holding time for SW8321, the nondetect sample results for the SW8321 analysis were qualified (JH)."

Finally, the cross-tab results and Table B-2-1 were updated to include the JH qualification.

Comment 2, Page B-2-2 (Page 91): So, is methylene chloride considered a usable result?

Response: Yes, the methylene chloride results are considered usable. There is no historical evidence of methylene chloride contamination at the site and the methylene chloride exceedances are likely attributable to laboratory contamination.

Comment 1, Page B-2-3 (Page 92): EDD - (INCLUDES PRIMARY PLUS DUPLICATE) 112 AK101, 110 AK102, 110 AK103 Please verify sample counts (soils only).

> **Response:** Sample counts have been verified and will remain as written in the report.

Comment 1, Page B-2-7 (Page 96): There are a number of batches and methods that are missing MS/MSD, which is not consistent with QSM requirements. This should be discussed, along with the impact to data usability.

LAB-REPNO ANMCODE LABLOTCTL
1118745 AK101 VFC10662
1118745 AK101 VFC10664
1118745 AK102 XXX25517
1118745 AK103 XXX25517A
1118819 AK101 VFC10683
1118819 AK102 XXX25621
1118819 AK103 XXX25621A
1118828 AK101 VFC10690
1118828 AK102 XXX25648
1118828 AK103 XXX25648A
1118873 AK101 VFC10711
1118927 AK101 VFC10733
1118985 AK102 XXX259141
1118985 AK103 XXX25914A
580-27548-1 8270SIM 91090
580-27548-1 AK101 91108
580-27548-1 AK102 91089
580-27548-1 AK103 91089
580-27548-1 SW8015C 210650
580-27548-1 SW8081 91159
580-27548-1 SW8082 91159
580-27548-1 SW8151A 91172
580-27548-1 SW8260 91248
580-27548-1 SW8260L 91134
580-27548-1 SW8270 91090
580-27548-1 SW8330 78227
580-27820-1 SW8270 92125
580-28179-1 AK101 93787
580-28262-1 8270SIM 93986
580-28262-1 SW8270 93986
G1H170431 AK101 1231157
G1H170431 SW8260B 1231146

Response: SGS SDG 1118745: One waste sample and a trip blank sample were submitted with this SDG. Extra volume for MS/MSD samples were not provided. LCS/LCSD samples were analyzed to satisfy the precision requirements for methods AK101, AK102, and AK103. GRO, DRO, and RRO results were well below their respective ADEC limits, so lack of project-specific matrix precision results will have little, if any, effect on usability of the data.

SGS SDG 1118819: Two waste samples and a trip blank sample were submitted with this SDG. Extra volume for the MS/MSD samples was not provided. LCS/LCSD samples were analyzed to satisfy the precision requirements for methods AK101, AK102, and AK103. GRO and RRO results were well below their respective ADEC limits, so lack of project-specific matrix precision results will have little, if any, effect on usability of the data. DRO results in the two samples were well above the ADEC limit, so the lack of matrix-specific precision results will have little, if any, effect on the usability of the data.

SGS SDG 1118828: One waste sample and a trip blank sample were submitted with this SDG. Extra volume for MS/MSD samples was not provided. LCS/LCSD samples were analyzed to satisfy the precision requirements for methods AK101, AK102, and AK103. GRO and RRO results were well below their respective ADEC limits, so lack of project-specific matrix precision results will have little, if any, effect on usability of the data. DRO results in the two samples were well above the ADEC limit, so the lack of matrix-specific precision results will have little, if any, effect on the usability of the data.

SGS SDG 1118873: Three samples and a trip blank sample were submitted with this SDG. Extra volume for AK101 MS/MSD samples was not provided. LCS/LCSD samples were analyzed to satisfy the method AK101 precision requirements. Detected results for GRO in the samples were well below the ADEC GRO limits, so lack of project-specific matrix MS/MSD precision results will have little, if any, effect on usability of the data.

SGS SDG 1118927: Eleven samples and a trip blank sample were submitted with this SDG. Extra volume for AK101 MS/MSD samples was provided; however, one sample was analyzed in batch VFC10733 in which a matrix-specific MS/MSD was not analyzed. LCS/LCSD samples were analyzed to satisfy the method AK101 precision requirements. The result was nondetect, so the lack of project-specific matrix MS/MSD in the batch will have little, if any, effect on usability of the data.

SGS SDG 1118985: Twenty-one samples and a trip blank sample were submitted with this SDG. Extra volume for MS/MSD samples was provided; however, three samples were analyzed in batch XXX259141 in which a matrix-specific MS/MSD was not analyzed. LCS/LCSD samples were analyzed to satisfy the precision

requirements for methods AK102 and AK103. RRO results and DRO results in two samples were well below their respective ADEC limits, so lack of project-specific matrix precision results will have little, if any, effect on usability of the data. DRO results in the remaining sample were well above the ADEC limit, so the lack of matrix-specific precision results will have little, if any, effect on the usability of the data.

SDG 580-27548-1: The sample was an aqueous sewage waste sample and extra volume for MS/MSD analyses was not collected. The precision requirement was satisfied by LCS/LCSD analyses analyzed on all methods. While this does not completely satisfy Box D-7 Guidance in the QSM (i.e., the precision measurement was not performed on a waste sewage sample), it is all that could be done for this sample under these circumstances. ADEC exceedance limits for GRO, DRO, RRO, antimony, and arsenic would not be impacted by the lack of the MS/MSD since a LCS/LCSD was performed instead.

SDG 580-27820-1: MS/MSD analyses were not performed on samples from Jacobs as part of batch 92125. Since all results were nondetect, the impact on data usability is minimal.

SDG 580-28179-1: The samples were waste samples, and the AK101 precision requirements were addressed by analyzing LCS/LCSD samples. Results were well below the ADEC limit for GRO compounds, so the lack of matrix-specific precision results has little, if any, impact on the data.

SDG 580-28262-1: These samples were waste samples. Results were well below their respective ADEC limits for the 8270 and 8270SIM compounds, so the lack of matrix-specific precision results has little, if any, impact on the data.

SDG G1H170431: MS/MSD samples were not analyzed for AK101 and SW8260B. The GRO results were well below the ADEC limits, so there is little, if any, impact to the results. With the exception of 1,1-DCE, all of the VOC results were also less than their respective ADEC limits. The result for 1,1-DCE was slightly above the ADEC limit (0.031 J mg/kg, ADEC limit 0.03 mg/kg) in sample 11TAKU-B49-SO-W01. The lack of batch precision on the site matrix will have little impact because the sample is a waste sample, and the most conservative result would be considered for purposes of disposal.

Comment 2, Page B-2-7 (Page 96): This is not consistent with the FTW QAPP. The final version does not mention a DF less than 5 for MS/MSD qualification.

Response: The final version of the QAPP mentions this validation rule on page C-4-2 under the heading "Qualification will not be required in the following circumstances:"

Comment 3, Page B-2-7 (Page 96): And what about those recoveries that are 0%? Please justify usability of those spike results associated with 0% recoveries.

Response: Nondetect results with 0 percent MS/MSD recoveries are not usable for making decisions. The following paragraph was added after the second paragraph in Section 2.8:

"The nondetect VOC results for naphthalene, 1,2-dibromoethane, 1,2-dibromo-3-chloropropane (DBCP), bromoform, chloroethane and hexachlorobutadiene in sample 11TAKU-B49-SO10-C02 were rejected (R) due to having 0 percent recovery in either the MS or MSD sample (0 percent recovery in both the MS/MSD samples for DBCP) and the less than 10 percent recovery in the other MS or MSD sample. The nondetect pesticide results for alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), endosulfan I, and methyoxychlor in sample 11TAKU-B38-S01-W01 were rejected (R) because they had 0 percent MS/MSD recoveries. Results that are rejected are not usable for decision making purposes."

The Section 6.b.xxx subsections in the appropriate ADEC worksheets were also updated to include discussions of the rejected data points due to low MS/MSD recoveries.

Comment 4, Page B-2-7 (Page 96): So.....do you think these results are usable?

Response: Results that are rejected are not usable, as noted above (and included in the revised DQR). VOC results with low MS/MSD recoveries (but above 0 percent) that have LODs near their respective ADEC cleanup limits may be impacted because the associated results may be biased low, potentially below the associated ADEC cleanup limit. These results are usable, but should be considered carefully before making any decisions based on the analytical results.

Comment 5, Page B-2-7 (Page 96): This qualification was not listed in Table B-2-5.

Response: The qualification has been added to the table.

Comment 1, Table B-1-1c (Page 109): Please update with Asbestos sample.

Response: Please clarify the sample to which you are referring as there is no record of an asbestos sample at B27.

Comment 1, Table B-1-1e (Page 117): Please format such that the rows fit on one page.

Response: The table will be reformatted, as requested.

Comment 1, Table B-1-1i (Page 123): Methods and jar numbers are not consistent. Please revise as necessary to accurately reflect what/how jars were sent.

Response: Twelve unpreserved amber containers were sent in three different coolers for SW8081, SW8151, SW8082, SW8270, SW8270SIM, and SW8330 (two amber containers per analysis) analyses. The COCs don't differentiate which amber containers were in which cooler.

Comment 2, Table B-1-1i (Page 123): Row cut off.

Response: The table was reformatted to address the row issue, as noted.

Comments 1 – 10, Table B-1-2g (Page 319): These three analytes should be rejected for this SDG. LCS and Calibration are biased low. Per FTW QAPP, this is rejectable criteria. Reviewer understands that these samples were reanalyzed and reported again in table B-2-10; however, the results shown should not be considered.

Response: The results were removed from the cross-tab summary and replaced with the results in Table B-2-10, showing the JH qualification. In addition, the results for 1,2,4-trichlorobenzene were also replaced in the cross-tab with the results that were analyzed outside of hold time (since it, too had both LCS and CCV failures). Table B-2-10 was retained, however. Section 4.d of the 580-28045 ADEC checklist was updated to say "Final results for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, Hexachlorobutadiene and Naphthalene were taken from the re-analyses performed past the 14 day hold time because the LCS and CCV results were within compliance."

Comment 1, Table B-1-2g (Page 320): Should be JM-?

Response: The VOC compounds are qualified as either JM- or R, as appropriate for sample 11TAKU-B49-SO10-C02.

Comments 1 – 9, Table B-1-2g (Page 324): See comments for Page 319, above.

Response: See response for comments for Page 319, above.

Comments 1 – 6, Table B-1-2g (Page 329): See comments for Page 319, above.

Response: See response for comments for Page 319, above.

Comment 1, Table B-1-2i (Page 359): Pages 13 – 78 are not needed.

Response: Comment noted.

Comment 1, Table B-2-2 (Page 465): Please evaluate method blanks to LOD as discussed in telecon and update DQA, this table, and relevant ADEC checklists accordingly.

Response: Method blanks and trip blanks were re-evaluated and any additional compounds that impacted the field samples were summarized in Table B-2-2 with the B qualification added to the appropriate samples in the B-2-1 cross-tab tables and also updated in their respective ADEC worksheets. Section 2.4 of the DQR was updated accordingly.

Comment 2, Table B-2-2 (Page 465): In the future, can you put method and trip blanks in separate tables? They are separated in ADEC checklists, and it's not easy to tell why a B was applied for verification purposes (e.g. MeCl2 for sample SO10-C01)

Response: The request will be taken under consideration. In your example, the B qualifier would have been applied to both the method blank and trip blank concentration. The table presented this way also indicates possible systematic laboratory contamination, especially in samples where the contamination shows up in both method blank and trip blank.

Comment 3, Table B-2-2 (Page 465): Value should be 0.029.

Response: The value was changed, as noted.

Comment 4, Table B-2-2 (Page 465): There are no LODs or LOQs listed in this table.

Response: That is correct. LODs and/or LOQs are not needed to show values qualified due to blank contamination.

Comment 1, Table B-2-3 (Page 466): Missing samples -1 and -3 through -6. Please update DQA, this table, and ADEC worksheet accordingly.

Response: The missing samples will be added.

Comment 2, Table B-2-3 (Page 466): Consider rejecting results that are biased low with both LCS and CCV recoveries.

> **Response:** See responses to the comment for page 319, above. The results with CCV and LCS outliers will be reported from the re-analyses performed outside of hold times. The original results with both CCV and LCS outliers will be removed from Table B-2-3.

Comment 1, Table B-2-4 (Page 469): 8260 for sample 11TAKU-B38-SO3-C01 (SDG 1118887) has at least one surrogate out. Please revise all relevant documents.

8260 for samples 11TAKU-B38-SO1-C05, 11TAKU-B38-SO2-C08, 11TAKU-B38-SO3-C10, 11TAKU-B38-SO4-C11, 11TAKU-B38-SO4-C12, 11TAKU-B38-SO4-C13, 11TAKU-B38-SO4-C14, and 11TAKU-B38-SO4-C15 (SDG 1118927) all has at least one surrogate out. Some samples do not have detections and surrogate is biased high; however, please evaluate and revise all relevant documents.

8270SIM for sample 11TAKU-B08-SO2-C23 (SDG 1118985) has at least one surrogate out. Please evaluate and revise all relevant documents. 8270 for 11FWA-TAKU-SO03-C03, 11FWA-TAKU-SO03-C04, 11FWA-TAKU-SO03-C06, and 11FWA-TAKU-SO03-C07 all has at least one surrogate out (SDG 580-27099). Please evaluate and revise all relevant documents.

8260 for sample 11FWA-TAKU-WX01 (SDG 580-27548) has at least one surrogate out. Please evaluate and revise all relevant documents.

8270 for sample 11TAKU-B42-SO2-C13 has at least one surrogate out. Please evaluate and revise all relevant documents.

8260 for samples 11TAKU-B48-SO8-C06 and 11TAKU-B48-SO8-C07 have at least one surrogate out (SDG 580-27870). Please evaluate and reviseall relevant documents.

8260 for samples 11TAKU-B49-SO10-C02 and 11TAKU-B49-SO10-C03 have at least one surrogate out (SDG 580-28045). Please evaluate and revise all relevant documents.

8260 for sample 11TAKU-B08-SB03-C34 has at least one surrogate out (SDG 580-29621). Please evaluate and revise all relevant documents.

> **Response:** The 8260 results for sample 11TAKU-B38-SO3-C01 were qualified as JS- in Table B-2-1d. This sample's results are already summarized and flagged in Table B-2-4.

The result for methylene chloride in sample 11TAKU-B38-SO3-C10 was qualified as JS+ due to the high surrogate recoveries. Other detects in the samples were for compounds not associated with the high surrogate. ADEC worksheet Section 6.c.iii has been updated to say "The detected result for methylene chloride in sample 11TAKU-B38-SOE-C10. Other detected results in these samples were for compounds not associated with this surrogate." Section 2.7 of the DQA was also updated.

The SW8270SIM surrogate recovery for 2-fluorobiphenyl (44.6 percent) is within a rounding error of the lower limit (45 percent). Qualification of results will not be applied. The only surrogate that was out of range (high) was 2-fluorophenol, recovered high in samples 11FWA-TAKU-SO03-C03, 11FWA-TAKU-SO03-C04, 11FWA-TAKU-SO03-C06, and 11FWA-TAKU-SO03-C07. Detected results were all BN compounds, not associated with this acid surrogate; qualifications are not needed.

The ethylbenzene-d10 surrogate recovery in the SW8260LL analysis for sample 11FWA-TAKU-WX01 was greater than the upper control limit. The detected result for PCE was qualified as estimated with a possible high bias JS+. The other detected compounds were not associated with this surrogate. Table B-2-4 was updated, and Section 6.c.iii of the ADEC worksheet was updated to say: "The result for PCE was qualified as estimated with a possible high bias (JS+) due to the high surrogate recovery. Other detected compounds in the sample were not associated with this surrogate." Section 2.7 of the DQA was also updated.

The surrogate 2-fluorophenol was recovered high in sample 11TAKU-B42-SO2-C13. Detected results were all BN compounds, not associated with this acid surrogate; qualifications are not needed.

The BFB recoveries for the SW8260 analyses performed on samples 11TAKU-B48-SO8-C06 and 11TAKU-B48-SO8-C07 were above the upper control limit. Detected compounds in these two samples were not associated with this surrogate; qualifications are not necessary.

The a,a,a-TFT surrogate recoveries for the SW8260 analyses performed on samples 11TAKU-B49-SO10-C02 and 11TAKU-B49-SO10-C03 were less than the lower control limit. Since this was a field surrogate, the results have been qualified as estimated with a possible low bias (JS-) and Table B-2-4 and Table B-2-1g have been updated. Section 6.c.iii of the associated ADEC worksheet has been updated to say: "Results were qualified as estimated with a possible low bias (JS-) due to the low surrogate recoveries." Section 2.7 of the DQA was also updated.

The a,a,a-TFT surrogate recovery for the SW8260 analysis performed on sample 11TAKU-B08-SB03-C34 was less than the lower control limit. Since this was a field surrogate, the results have been qualified as estimated with a possible low bias (JS-) and Table B-2-4 and Table B-2-1g have been updated. Section 6.c.iii of the associated ADEC worksheet has been updated to say: "Results were qualified as estimated with a possible low bias (JS-) due to the low surrogate recoveries." Section 2.7 of the DQA was also updated.

Comment 2, Table B-2-4 (Page 469): Believe this sample/method has a dilution factor of 5, and therefore should not be qualified. Please evaluate and revise as necessary.

Response: The sample was analyzed with a 1:1 dilution. The qualifications will be retained.

Comment 3, Table B-2-4 (Page 469): Please verify this result. I was not able to confirm via EDD or hardcopy. Please evaluate and revise as necessary.

Response: Surrogate recovery for sample 11TAKU-B08-SO6-C01 BFB of 257 percent was verified. The qualification will be retained.

Comment 1, Table B-2-5 (Page 475): Missed listing multiple instances of MTBE, 112-Trichloro-221-trifluoroethane, and TCE. Please review and revise as necessary.

Response: MTBE, TCE, and 1,1,2-trichloro-1,1,2-trifluoroethane were added to Table B-2-B for samples 11TAKU-B48-SO8-C05 and 11TAKU-B49-SO10-C02. Table B-2-1f and Table B-2-1g, respectively, were also updated with JM-qualifiers.

Comment 2, Table B-2-5 (Page 475): Missing 8270D batch XXX25731 LabSampID 1054117/1054118 altogether.

Missing OCPSTSM batch XXX25920 LabSampID 1118985007 Dieldrin spike failure

Missing 8270D Batch 89279 LabSampID 27099-3MS/MSD Benzidine spike failure

Missing 6010/7470 from batches 91068 and 91073 Mg, Se, Hg spike failures

Missed mutiple batches from SDG 580-27820 (e.g. 92145, 92195 (Benzidine))

Missing benzidine from batch 93704 (SDG 580-28179)

Missing 2,4,6-trinitrotoluene from batch 90583

Missing Dicamba from batch 96744

Response: 11TAKU-B008-SO6-C01 was not evaluated for MS/MSD recoveries or precision because the sample was analyzed at a 1:5 dilution.

The dieldrin spike failure (high in the MS/ND in the MSD) for sample 11TAKU-B08-SO6-C08 (laboratory sample ID 1118985005 MS/MSD 06/07) was added to Table B-2-5.

The MS/MSD recovery failures for benzidine for sample 11FWA-TAKU-SO03-C03 (laboratory sample ID 27099-3 MS/MSD) were added to table B-2-5, and the JM- qualifier was added to the result in Table 5-2-1h. Section 6.b.iii and Section 6.b.v of the associated ADEC work sheets were updated to say "**SW8270:** Phenol was recovered high in the MS and MSD and benzidine was recovered below the lower control limit in the MS/MSD samples for parent sample 11FWA-TAKU-SO03-C03" and "The result for benzidine in sample 11FWA-TAKU-SO03-C03 was qualified as estimated with a possible low bias (JM-) due to the low MS/MSD recoveries", respectively.

Selenium was not qualified due to MS/MSD outliers because it was analyzed at a 1:5 dilution. Mercury and magnesium failures have been added to Table B-2-5 for sample 11FWA-TAKU-WX01 and the appropriate qualifiers have been added to Table B-2-1i. Section 6.b.iii, Section 6.b.v and Section 6.b.vi of the associated ADEC worksheet have been updated to say "**MS/MS %R-SW6010/6020/7470:** The MS/MSD recoveries for magnesium (77%/76%, 80 to 120%) and mercury (57%/55%, and 80 to 120%) were less than the lower control limit. The MS/MSD recoveries for selenium (124%/126%, and 80 to 120%) were greater than the upper control limit"; "**MS/MSD %R-SW6010/6020/7470:** Sample 11FWA-TAKU-WX01 was analyzed at a 1:5 dilution for selenium, so qualifications based on the high MS/MSD recoveries do not apply. The magnesium and mercury recoveries were less than the lower control limit; sample 11FWA-TAKU-WX01 was affected"; and "**MS/MSD %R- SW6010/6020/7470:** The results for magnesium and mercury in sample 11FWA-TAKU-WX01 were qualified as estimated with a possible low bias (JM-) due to the low MS/MSD recoveries", respectively.

The result for benzidine in sample 11TAKU-B27-SO04-C02 has been updated in Table B-2-5 and the qualifier has been added in Table B-2-1c. Section 6.b.iii, Section 6.b.v and Section 6.b.vi of the associated ADEC worksheet have been updated to say "The MS/MSD results for benzidine in sample 11TAKU-B27-SO04-CO2 were recovered less than the lower control limit"; "Sample 11TAKU-B27-SO04-CO2 was affected by the low MS/MSD recoveries"; and "**MS/MSD % R - SW8270:** The result for benzidine in sample 11TAKU-B27-SO04-C02 was qualified as estimated with a possible low bias (JL-) due to the low MS/MSD recoveries", respectively.

The result for benzidine in sample 11TAKU-B24-SO-W02 has been updated in Table B-2-5 and the qualifier has been added in Table B-2-1j. Section 6.b.iii, Section 6.b.v and Section 6.b.vi of the associated ADEC worksheet have been updated to say "The MS/MSD results for benzidine in sample 11TAKU-B24-SO-W02 were recovered less than the lower control limit"; "Sample 11TAKU-B24-SO-W02 was affected by the low MS/MSD recoveries"; and "**MS/MSD % R - SW8270:** The result for benzidine in sample 11TAKU-B24-SO-W02 was qualified as estimated with a possible low bias (JL-) due to the low MS/MSD recoveries", respectively.

The result for 2,4,6-trinitrotoluene (TNT) in sample 11TAKU-B08-SO6-C08 has been updated in Table B-2-5 and the qualifier has been added in Table B-2-1a. Section 6.b.iii, Section 6.b.v, Section 6.b.vi, and Section 6.b.vii of the associated ADEC worksheet have been updated to say "**SW8321:** The recovery for 2,4,6-trinitrotoluene was less than the lower control limit in the MSD sample analyzed on sample 11TAKU-B08-SO6-C-08"; "**SW8321A:** Sample 11TAKU-B08-SO6-C08, 2,4,6-trinitrotoluene was recovered below the lower control limit in the MSD"; "**SW8321**: The result for 2,4,6-trinitrotoluene in sample 11TAKU-B08-SO6-C08 was qualified as estimated with a possible low bias (JM-) due to the low MSD recovery"; and "**SW8321:** The data result for 2,4,6-trinitrotoluene in sample 11TAKU-B08-SO6-C08 is unaffected by the low MSD recovery. The MS recovery was in control, as was the LCS and the LOD is lower than the ADEC limit by an order of magnitude, so any introduced bias would not likely impact results at the ADEC limit", respectively.

The dicamba recovery in the MS performed on sample 11TAKU-B38-SO4-C12 (batch 96744) falls within QSM recovery guidelines even though it is outside of laboratory limits. Additional qualifications not required.

Comment 3, Table B-2-5 (Page 475): Dicamba is also out in the MS or MSD on this sample. Also missing MCPA and pentachlorophenol on multiple samples.

Response: Dicamba recoveries are in compliance for sample 11TAKU-B08-SO2-C24 and are already qualified in sample 11TAKU-B08-SO6-C08. Pentachlorophenol qualifications (JM-) was added to samples 11TAKU-B08-SO6-C08 and 11TAKU-B08-SO2-C24 and MCPA qualification (JM-) added to sample 11TAKU-B08-SO6-C08 in Table B-2-5, to updates in Table B-2-1a, and on appropriate sections of the applicable ADEC worksheets.

Comment 4, Table B-2-5 (Page 475): Missed benzidine (8270D) from this spike (batch 92291)

Response: Benzidine was added to Table B-2-5 for sample 11TAKU-B24-SO3-C05 for MS/MSD failures, and a JM- qualifier was added to the sample result in

Table B-2-1b and the appropriate Section 6.c.xxx subsections were updated in the 580-27865-1 ADEC worksheet.

Comment 5, Table B-2-5 (Page 475): Is this appropriate? You've demonstrated you cannot recover the analyte in the matrix of concern. Please justify usability associated with all recoveries that are 0%

Response: The results for alpha-BHC beta-BHC, delta-BHC, gamma-BHC (Lindane), endosulfan I and methoxychlor were all re-qualified as rejected (R) due to the 0 percent recoveries in both the MS/MSD analyses performed on sample 11TAKU-B38-SO01-W01. The appropriate Section of 6.c.xxx subsections were updated in the 1118828 ADEC worksheet, and a discussion of the rejected data has been included in Section 2.8 of the DQA.

Comment 6, Table B-2-5 (Page 475): I think you're missing gamma-BHC from this sample. Please evaluate and revise as necessary.

Response: Gamma-BHC (Lindane) has been added to Table B-2-5 for sample 11TAKU-B38-SO01-W01, and the result has been qualified on Table B-2-1d. The appropriate Section of 6.c.xxx subsections were updated in the 1118828 ADEC worksheet.

Comment 1, Table B-2-5 (Page 476): spike amount (181) is less than native (276)

Response: Comment noted. The result is still less than two times the spike amount, so per the Fort Wainwright QAPP, the sample results were qualified based on the MS and/or MSD recoveries.

Comment 2, Table B-2-5 (Page 476): Either add methoxyclor or delete endrin ketone. These are five cuts.

Response: Endrin ketone has been deleted. Qualifications based on MS/MSD recoveries were not applied to the sample analyzed at a 1:5 dilution.

Comment 3, Table B-2-5 (Page 476): Missing 1,2-Dibromoethane spike (biased low) and Endrin spike (biased low).

Response: Endrin MS/MSD recoveries were not evaluated because the sample was analyzed at 1:5 dilution. The result for EDB is included in the table.

Comment 1, Table B-2-5 (Page 485): Missing 4-Chloroaniline from this list (biased low)

Response: 4-Chloroaniline has been added to Table B-2-5 and the appropriate Section 6.c.xxx subsections in the 580-28021-1 The ADEC worksheet has been updated.

Comment 2, Table B-2-5 (Page 485): Missing Endosulfan I spike failure for 8081

Response: Endosulfan I has been added to Table B-2-5 and the appropriate Section 6.c.xxx subsections in the 580-27099-1 The ADEC worksheet has been updated.

Comment 1, Table B-2-5 (Page 486): Missed benzidine from this sample, batch 91590. Also biased low.

Response: Benzidine has been added to Table B-2-5 and the appropriate Section 6.c.xxx subsections in the 580-27675-1 The ADEC worksheet has been updated.

Comment 1, Table B-2-8 (Page 505): R Flag indicates these results are rejected? Is this discussed elsewhere in this report? I couldn't find it....

Response: The R flag was a typo, and should have been a JH flag. The table has been corrected to reflect this.

Comment 1, ADEC Worksheet 1118873 (Page 557): A2540G is percent solids. A MS/MSD was not performed. Please revise.

Response: The MS/MSD discussion for percent solids has been removed.

Comment 2, ADEC Worksheet 1118873 (Page 557): Benzoic acid recovered at 0% in the LCS. Please review, revise DQA, LCS outlier table, and ADEC worksheets. Strongly suggest rejection of this analyte.

Response: Section 6.b.iii was updated to say:

"SVOC: Batch XMS6236/XXX25731: The recovery for benzoic acid (0%, 10% to 110%) was less than the LCL. The nondetect results for benzoic acid in the associated samples were qualified as rejected (R)."

Section 6.b.vi was updated to say:

"SVOC: The nondetect results for benzoic acid in batch XMS6236/XXX25731 have been qualified as rejected (R) due to the 0 percent LCS recovery."

Section 6.b.vii was updated to say:

"The results qualified as rejected (R) are not usable."

The following sentence was added to the second to last paragraph in Section 2.5 of the DQA:

"Additionally, the nondetect results for benzoic acid in three samples associated with Building 8 (11TAKU-B08-SO6-C01, 11TAKU-B08-SO7-C02 and 11TAKU-B08-SO6-C03) were qualified as rejected (R) because the LCS recovery was 0 percent. An ADEC cleanup level is not available for benzoic acid, and the compounds are not a contaminant of concern at the Building 8 site, so the impact of the rejected data is minimal."

Finally, the rejected results for benzoic acid were added to table B-2-3, and the cross-tab results were qualified.

Comment 1, ADEC Worksheet 1118985 (Page 564): Batch VFC10756 (AK101) has 22 client samples.

Response: Batch VFC10756/VXX22886 for AK101 has 14 client samples and batch VFC10756/VXX22887 for AK101 has eight samples. There is no impact to quality or usability.

Comment 1, ADEC Worksheet 580-27820-1 (Page 617): All samples are impacted, not just -C02

Response: Section 6.b.v of the ADEC worksheet was updated as follows:

"SW8270: The LCS recoveries for 1,3-dichlorobenzene, dimethyl phthalate, and di-n-butyl phthalate were above their respective upper control limits in batch 580-92125. The LCS recovery for 1,3-dichlorobenzene was above its upper control limit in batch 580-92195.All associated sample results were nondetect and therefore not affected.

SW8270: Benzidine was recovered low in LCS 580-92125 (32%, 45 to 135) and LCS 580-92195 (26%, 45 to 135%). All associated samples were affected."

And Section 6.b.vi was updated as follows:

"SW8270: Benzidine was recovered low in both LCS samples. All associated samples were affected, and the nondetect results were qualified JL- to indicate that the results may be biased low."

Comment 1, ADEC Worksheet 580-27820-1 (Page 674): Why is the data usable? Are all the results well below the project action limits, such that the low bias does not have a significant impact? If yes, please so indicate in comment text.

Response: The following text was inserted in Section 6.c.iv: "Detected results and nondetect results are well below their respective ADEC limits; any potential low bias would not significantly impact the data (i.e., bias results were below their ADEC limits)."

Comment 1, ADEC Worksheet 580-27675-1 (Page 674): Please note - text of B42 report indicates that benzene and PCE were detected in trip blank at trace levels, and thus indicate laboratory contamination. Trace contamination in a trip/method blank directly impacts sample results. Please modify this section in all checklists to discuss MB or TB contamination above the LOD.

Response: Blank concentration discussions will be re-evaluated in all checklists. Specific changes made to the 580-27675-1 are:

Section 6.a.ii:

"SW8260 (MB-580-91640): Trichloroethene (TCE) was detected in the method blank (0.0103 J mg/kg) at greater than ½ the LOQ. All associated sample results were nondetect; and therefore were not affected. Benzene was detected in the method blank at 0.00723 J mg/kg, tetrachloroethene (PCE) was detected in the method blank at 0.00798 J mg/kg, and m,p-xylenes were detected at 0.0145 J mg/kg.

Pesticides, SW8081: MB 580-91579: 4,4'-DDT was detected in the method blank at 0.000884 J mg/kg. The 4,4'-DDT results in the associated samples were greater than five times the blank concentration; qualifications were not required."

Section 6.a.iii:

"Results were not above LOQ (PQL)."

Section 6.a.iv:

"The detected results for benzene, PCB, and m,p-xylene in associated samples were qualified with a B. Results qualified with a B may be false positives or biased high. Even with the potential bias, the results are still less than their respective ADEC limits."

Section 6.d.iii:

"Results were less than the PQL (LOQ)."

SW8260, 11FWA-TAKU-TB06: Benzene was detected at 0.0073 J mg/kg, methylene chloride was detected at 0.012 J mg/kg, m,p-xylene was detected at

0.017 mg/kg, PCE was detected at 0.0086 J mg/kg and trans-1,2-dichloroethene was detected at 0.010 J mg/kg."

Section 6.d.iv:

"Results were less than the LOQ (PQL). The detected results for benzene, m,p-xylene, trans-1,2-dichloroethene, and PCE that were less than five times the trip blank concentration in associated samples were qualified B to indicate that they were detected in the trip blank sample. Methylene chloride was not detected in the associated samples."

Section 6.d.v:

"Data is usable as reported. Results qualified B may be biased high or false positives. Even with potential bias, reported results are still less than their respective ADEC limits."

Comments in body of email:

580-27548
LabCode should always be TATW
for 8015C, sub should be TASG
for 8330, 8321, sub should be TADC
NPDLWO should be 11-106

580-27820
LAB-REPNO should be 580-27820-1 where LAB-REPNO = G1H060410

580-27869
NPDLWO should be 11-106

580-28021
LAB-REPNO should be 580-28021 where LAB-REPNO = G1H170431

580-28045
LabCode should always be TATW
for 8015C, sub should be TASG
Basis incorrect for all samples, methods D2216, SW8082, SW8151A, SW8321A, SW8330
Listed as N, should be D (N not allowed on soil samples)

580-28771
LabCode should always be TATW

for 8330/8321, sub should be TADC

580-29176

LabCode should always be TATW

for 8330/8321, sub should be TADC

Basis incorrect for all samples, methods D2216, SW8151A, SW8321A

Listed as N, should be D (N not allowed on soil samples)

Response: The laboratory has been requested to provide updated COELT files incorporating these changes.