

**REMEDIAL INVESTIGATION REPORT  
FINAL**

**GENERAL SERVICES ADMINISTRATION  
GOODFELLOW FEDERAL COMPLEX  
ST. LOUIS, MISSOURI**

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## 1.0 INTRODUCTION

Under order number GS-06P-10-GX-A-0030/GS-P-06-11-GX-5201, the General Services Administration (GSA) tasked Tetra Tech, Inc., (Tetra Tech) to prepare this report regarding site investigation activities associated with the Remedial Investigation (RI) at the Goodfellow Federal Complex (GFC) at 4300 Goodfellow Boulevard in St. Louis, Missouri (see Appendix A, Figure 1).

### 1.1 DISTRIBUTION LIST

General Services Administration	Kevin Phillips, Project Manager
Tetra Tech, Inc.	Adam Watkins, Project Manager Ted Faile, PG, CHMM, Program Manager

### 1.2 SCOPE OF WORK

GSA requested that Tetra Tech characterize occupational risks at the GFC that may be attributed to on-site legacy contamination associated with former ordnance plant operations (see Appendix A, Figure 2, and Appendix B, Table 1). Tetra Tech reviewed 100 environmental reports associated with the GFC, and evaluated potential occupational exposures to GSA associates, construction contractors, custodial contractors, operation and maintenance contractors, tenants, and visitors at the GFC. This review/evaluation was based on the nature, magnitude, and extent of contamination historically detected or suspected present as a result of historical activities. Tetra Tech identified data gaps, determined whether follow-up investigation had been conducted, and recommended additional investigation where needed.

Tetra Tech proposed two follow-on projects to address these data gaps. The first project was an Occupational Exposure Evaluation (OEE). The OEE was designed to further investigate occupational risks that may be attributed to on-site legacy contamination associated with former ordnance plant operations. The OEE focused primarily on determining whether contamination could be present within buildings and on exterior surfaces. Tetra Tech prepared a work plan and quality assurance project plan (QAPP) for the OEE (Tetra Tech EM Inc. 2012). The second project was an RI. A separate work plan and QAPP, dated March 2016, was developed for the RI, which was designed to evaluate cleanup needs attributable to on-site legacy contamination associated with former ordnance plant operations (Tetra Tech 2016). The primary focus of the RI was on possibly present soil and groundwater contamination at the exterior grounds.

### **1.3 REPORT ORGANIZATION**

The format of this report complies with information requirements in Tetra Tech's approved RI Work Plan and QAPP dated March 2016. Section 1.0 presents introductory information regarding the scope of work and the organization of this report. Section 2.0 discusses characteristics of the site, including the facility background, location and demographics, regulatory history, and physical setting. Section 3.0 recounts previous site assessments at the GFC. Sections 4.0, 5.0, and 6.0, respectively, address sampling investigation field activities, laboratory data, and results. Section 7.0 summarizes the sampling investigation. Section 8.0 lists references.

## **2.0 SITE CHARACTERISTICS**

This section describes characteristics of the site.

### **2.1 SITE LOCATION AND LAYOUT**

The GFC is at 4300 Goodfellow Boulevard in St. Louis, Missouri (see Appendix A, Figures 1 and 2). It occupies a portion of the former St. Louis Ordnance Plant (SLOP) near the western boundary of the City of St. Louis, Missouri. The GFC encompasses approximately 64 acres, and is bordered northeast by the former SLOP, southeast by Planned Industrial Drive, southwest by Edelle Avenue and the SLOP, and northwest by Goodfellow Boulevard. GFC Building 208 B is beyond the security perimeter of the central GFC, within a fenced area on Planned Industrial Drive, approximately 170 yards northeast of GFC Building 105 A/B/C/D. The GFC is developed with buildings, utility tunnels, and a combined stormwater and sanitary sewer collection system.

### **2.2 SITE PHYSICAL SETTING**

The GFC is on the northern flank of the Ozark Plateau in the Dissected Till Plains Physiographic Province, which is characterized by gently rolling hills (Miller et al. 1974). The U.S. Geological Survey (USGS) 7.5-minute series Clayton, Missouri topographic quadrangle depicts the site on a relatively flat terrace with elevations ranging from approximately 550 to 580 feet above mean sea level, 1927 North American Datum (NAD27) (USGS 1954, photorevised 1974). From Goodfellow Boulevard, the site generally slopes eastward toward the Mississippi River; the northernmost portion of the site slopes more northeasterly, and the southernmost portion of the site slopes more southeasterly.

The Mississippi River is approximately 2.5 miles east of the site. Although drainage from the site generally follows the topographic gradient toward the Mississippi River, any surface water that leaves the site is directed through the combined storm/sanitary sewers and a wastewater treatment facility before discharging into the Mississippi River (SCS Engineers [SCS] 2008). Similarly, in the absence of site-specific hydrogeological data, site groundwater can be assumed to follow a hydraulic gradient that is a subdued replica of the topographic gradient. Based on the general topographic gradient, groundwater beneath the site likely flows easterly toward the Mississippi River.

Ground surface at the Site is covered by fill dirt, streets, parking lots, buildings, and other structures. Site surface soils are identified as Urban Land-Upland with 0- to 5-percent slopes (U.S. Department of Agriculture [USDA] 1979). The Urban Land designation applies to areas where structures, asphalt, concrete, and other impervious materials cover over 85 percent of the site. These objects obscure and



their construction has altered the soils such that identification of the series is not feasible. Subsurface investigations at the site have identified soils below the fill as predominantly silty clay or silty clay loam (Geotechnology, Inc. 2006; SCS 2008). According to the Geologic Map of St. Louis City and County, the site is underlain by stratified sequences of Pennsylvanian sedimentary rock (Brill et al. 1991).

The climate in St. Louis County is characterized by cold winters, hot summers, and heavy rains in the spring and early summer (USDA 1979). Prevailing wind is from the south. Average annual temperature in St. Louis, Missouri, is 56°F, with monthly average temperatures ranging from 30°F in January to 79°F in July (Weatherbase 2012). Average annual precipitation is 37.1 inches, with monthly averages ranging from 2 inches in January to 3.9 inches in May (Weatherbase 2012). Average annual snowfall is approximately 19.8 inches (Weatherbase 2012).

### **2.3 CURRENT AND HISTORICAL SITE USE**

Known historical uses of the GFC property include a residence and farmstead (dairy farm) between 1912 and 1925, a community garden between 1936 and 1940, Hickey Park from 1940 to 1941, and Plant 1 of the SLOP from 1941 through the close of World War II. The SLOP reportedly was the largest small-arms ammunition installation in the world, producing small arms ammunition (0.30 and 0.50 caliber) and components for 105 millimeter (mm) artillery shells. In the 1960s and 1970s, the U.S. Department of Defense (DoD) converted Plant 1 to a federal office complex under management of GSA (SCS 2008).

Table 1 in Appendix B identifies known historical and current buildings on site, as well as available information regarding construction, use, and renovation of each.

### **3.0 PREVIOUS SITE ASSESSMENTS**

Two assessments of the GFC were completed prior to the RI. A Preliminary Assessment/Site Inspection (PA/SI) was completed in 2007 (SCS 2008), and the OEE was completed in 2012 (Tetra Tech 2013). The assessments revealed data gaps and outstanding recommendations for exterior investigation associated with former ordnance plant operations. This section discusses these two previous site assessments with regard to soil and groundwater.

#### **3.1 2007 PRELIMINARY ASSESSMENT/SITE INSPECTION**

GSA requested that SCS conduct a PA/SI at the GFC. PA/SI objectives included characterizing/evaluating significant site sources/pathways and evaluating releases and targets exposed to contamination. For the PA/SI, SCS collected wipe samples, paint chip samples, shallow soil and sediment samples, subsurface soil samples, groundwater samples, sump and tunnel water samples, and air samples (SCS 2008). Exterior PA/SI soil and groundwater sample locations are shown on Figure 3 in Appendix A. Sample results presented in this section have been compared to applicable Missouri Department of Natural Resources (MDNR) Risk-based Corrective Action (MRBCA) levels, as presented in the PA/SI report. Information conveyed below regarding the PA/SI was taken from the SCS 2008 PA/SI Report.

##### **3.1.1 Shallow Soil and Subsurface Soil Sampling**

Shallow soil samples were collected via stainless steel sampling equipment at the basement level or within crawl space inside the buildings for laboratory analysis. Shallow soil sample locations were selected at random within each defined area. Defined areas were established based on proximity to potential hazard exposure, changes in surface color or texture, proximity to process areas, and/or spatial considerations. Depths ranged from near surface to approximately 48 inches below ground surface (bgs).

Subsurface soil samples were collected by use of direct-push soil probing technology. Direct-push borings were advanced around buildings and at former building locations across the GFC (see Appendix A, Figure 3). Probe locations included areas surrounding existing structures, such as main production buildings and electrical substations. Probe locations also included former powder canning and storage buildings, and areas with former underground storage tanks (UST).

Soil sample results were as follows:

### **Polychlorinated Biphenyls**

One subsurface soil sample (SB1265-1) collected adjacent to Building 108 A contained the polychlorinated biphenyl (PCB) Aroclor 1260 at concentration of 26,000 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ), exceeding MRBCA levels under the construction worker and non-residential land use scenarios for Type 3 (clayey) soils.

### **Metals**

Arsenic was detected in shallow soil at concentrations exceeding the MRBCA level under the non-residential land use scenario for Type 3 soil. Samples were collected at Buildings 102, 102 D, 103 F, 105, and 105 E. None of the detected concentrations exceeded the MRBCA level for the construction worker land use scenario.

Analyte concentrations detected in a surface soil sample (104ECSSS1) collected within the crawl space below the child care center in Building 104 E were evaluated under MRBCA land use scenarios for Type 3 soils. Arsenic and beryllium were detected at concentrations above their MRBCA levels under the residential land use scenario. However, the detected concentrations were below MRBCA levels for both the non-residential and construction worker land use scenarios.

Lead was detected in shallow soil samples collected at Buildings 102, 103 F, and 105, at concentrations above the MRBCA level under the non-residential land use scenario for Type 3 soils.

Mercury was detected at a concentration above the MRBCA level under the construction worker scenario in one subsurface soil sample (SB22) collected within the area where former Building 104 L had been located.

### **Semivolatile Organic Compounds**

Semivolatile organic compounds (SVOC) detected were limited to the following polynuclear aromatic hydrocarbons (PAH):

Benzo(a)anthracene was detected in one shallow soil sample (102CSSS104) collected at Building 102 at concentrations above the MRBCA level under the non-residential land use scenario for Type 3 soils.

Benzo(b)fluoranthene was detected in one shallow soil sample (102CSSS104) collected at Building 102, at reported concentrations above the MRBCA level under the non-residential land use scenario for Type 3 soils.

Benzo(a)pyrene was detected at reported concentrations above the MRBCA level under the non-residential scenario in four shallow soil samples (102CSSS104, 102CSSS105, 102CSSS108, and 112CSSS1) and one subsurface soil sample (105-3) collected at Buildings 102, 103 F, and 105.

Dibenzo(a,h)anthracene was detected at reported concentrations above the MRBCA level under the non-residential scenario in one shallow soil sample (102CSSS104) collected at Building 102.

### **3.1.2 Groundwater Sampling**

Groundwater samples were collected from temporary monitoring points installed following completion of subsurface soil borings (see Appendix A, Figure 3). Fifteen groundwater samples were analyzed for PCBs, total petroleum hydrocarbon (TPH)-diesel range organics (DRO), and TPH-gasoline range organics (GRO). The groundwater samples were collected adjacent to the main transformer buildings (Buildings 108 A and 108 B) and within an area where former underground storage tanks (UST) and a fueling pump island had been located (Building 115).

Groundwater sample results were as follows:

#### **PCBs**

Aroclor 1260 was detected at concentrations exceeding the MRBCA Lowest Default Target Level (LDTL) under the residential land use scenario in one groundwater sample collected adjacent to Building 108 A, and in one groundwater sample collected adjacent to 108 B.

#### **TPH**

THP-DRO and TPH-GRO were not detected at concentrations above MRBCA LDTLs under the residential land use scenario in any groundwater sample collected in the area of Buildings 115 and 108 A.

### **3.1.3 Summary**

On the basis of PA/SI sampling results and pathway assessments, the primary contaminants and areas of concern are PCBs in subsurface soil and groundwater near Buildings 108 A and 108 B, and SVOCs and metals, particularly lead and arsenic, in nearby soil at Buildings 102, 103 F, and 105.

## 3.2 2012 OCCUPATIONAL EXPOSURE EVALUATION

The OEE was designed to fill data gaps and update existing environmental investigation information, and focused primarily on potential for contamination within GFC buildings and on exterior surfaces. During the OEE, Tetra Tech collected interior concrete core samples, interior surface dust samples, interior crawlspace and basement surface soil samples, exterior soil samples, and exterior groundwater samples. Sample results presented in this section have been compared to applicable U.S. Environmental Protection Agency (EPA) industrial Regional Screening Levels (RSL) or non-residential or construction worker MRBCA Risk-based Target Levels (RBTL) and MRBCA levels, as presented in the OEE report. OEE exterior soil and groundwater sample locations are shown on Figure 4 in Appendix A. Information presented regarding the OEE was taken from the 2013 OEE Report (Tetra Tech 2013).

### 3.2.1 Interior Crawlspace and Basement Surface Soil Sampling

Within dirt-floor crawlspace and basement areas where no sampling had been conducted historically or where past sampling had revealed existing contamination, Tetra Tech collected surface soil samples (0 to 0.5 foot bgs) to support direct assessments of human health risks via ingestion, particulate inhalation, and dermal contact pathways. Targeted contaminants of concern for sample analysis—specified building by building—were based on former ordnance plant operations within each building, and included lead, mercury, and SVOCs. Samples also were analyzed for asbestos, given the frequent occurrences of asbestos-containing utility wrap and waste burial beneath buildings of this age.

Surface soil samples were collected via hand shovel within crawlspaces and basements beneath or leading to the following buildings (see Appendix A, Figure 4):

- 102 E
- 103 A/B/C
- 103 D
- 103 E
- 103 F (former 112)
- 104 A/B/C/D
- 104 E
- 104 F
- 105 A/B/C/D
- 105 E
- 105 F
- 107

Interior crawlspace and basement surface soil sample results were as follows:

#### SVOCs

Interior soil samples were collected for SVOC analysis in basements within Building 103 A/B/C and Building 104 E. Samples from both basements contained detectable concentrations of SVOCs.

Exceedances of residential screening levels were noted in samples from six locations within the two buildings. Of these, samples from five locations in the two buildings also exceeded EPA industrial RSLs or non-residential or construction worker MRBCA RBTLs.

## **Lead**

One or more interior surface soil samples collected in each of the 12 buildings contained lead at detectable concentrations. Exceedances of residential screening levels for lead were noted in samples from nine locations in seven of the buildings. Of these, one or more samples contained lead at concentrations exceeded the industrial RSL or non-residential or construction worker RBTLs in the following buildings:

- 103 A/B/C
- 103 E
- 104 E
- 104 F

## **Mercury**

Interior soil samples were collected for mercury analysis in the basement of Building 103 A/B/C and within the crawlspace beneath Building 103 F (formerly 112). Samples from both buildings contained mercury at detectable concentrations. No exceedances of EPA RSLs or MRBCA RBTLs were noted.

## **Asbestos**

Interior soil samples were collected for asbestos analysis in all buildings but Building 107. One or more interior (dirt-basement) surface soil samples collected in each of these buildings contained detectable concentrations of asbestos.

### **3.2.2 Exterior Soil Sampling**

Exterior soil samples were collected within areas where historical building use, tank presence, demolition practices, or analytical data indicated potential for either: (1) direct exposure for construction workers, other workers, or visitors to contaminants of concern in soil; or (2) inhalation by indoor workers or visitors of contaminants of concern volatilized from exterior soil to occupied interior spaces.

Contaminants of concern for analysis—specified building by building—were based on former ordnance plant operations, and included volatile organic compounds (VOC), SVOCs, TPH, PCBs, pesticides, herbicides, metals, and asbestos.

Figure 4 in Appendix A shows all exterior soil boring sample locations associated with the OEE. Soil samples were collected within the footprints or around the perimeters of the following buildings:

- 102 F/G/H
- 102 J
- 102 K
- 103 F/G/H
- 103 J
- 103 K
- 104 A/B/C/D
- 104 G/H/J
- 104 K
- 104 L
- 104 M
- 104 N
- 105 M
- 105 N
- 108 A
- 108 B
- 110
- 115 and USTs
- 122 B
- 136 A
- 136 B
- 136 E
- 136 F
- 137 A
- 208 B

Exterior soil sample results were as follows:

### **VOCs**

Soil samples from 35 locations were analyzed for VOCs; of these, soil samples from 23 locations contained detectable concentrations of VOCs, primarily acetone—a common laboratory contaminant. No exceedances of any regulatory screening levels were noted in exterior soil samples analyzed for VOCs.

### **SVOCs**

Soil samples from 35 locations were analyzed for SVOCs; of these, soil samples from 33 locations contained detectable concentrations of SVOCs. Exceedances of residential screening levels were noted in exterior soils samples from nine locations. Of these, the following five soil samples contained SVOCs at concentrations exceeding industrial RSLs or non-residential or construction worker RBTLs:

- DPTS-2
- DPTS-3
- DPTS-9
- DPTS-32
- DPTS-39

### **TPH**

Soil samples from 35 locations were analyzed for TPH; of these, soil samples from 30 locations contained detectable concentrations of TPH, primarily GRO and oil-range organics (ORO). No exceedances of any regulatory screening levels were noted in exterior soil samples analyzed for TPH.

### **PCBs**

Soil samples from seven locations were analyzed for PCBs; of these, soil samples from six locations contained detectable concentrations of PCBs. No exceedances of any regulatory screening levels were detected in exterior soil samples analyzed for PCBs.

## **Pesticides and Herbicides**

Soil samples from four locations were analyzed for pesticides and herbicides. No pesticides or herbicides were detected.

## **Metals**

Soil samples from four locations were analyzed for metals; all contained detectable concentrations of metals. Exceedances of residential screening levels were detected in all four exterior soils samples. Of these, the following three soil samples also contained arsenic concentrations exceeding the industrial RSL or non-residential or construction worker RBTL:

- DPTS-20
- DPTS-21
- DPTS-34

## **Asbestos**

Soil samples from 21 locations were analyzed for asbestos; only DPTS-21 contained a detectable concentration of asbestos.

### **3.2.3 Exterior Groundwater Sampling**

Exterior groundwater samples were co-located with exterior soil sampling locations where historical building use, tank presence, demolition practices, or analytical data indicated potential for contaminants of concern to volatilize from groundwater to occupied interior spaces, posing an inhalation exposure risk to workers and visitors. Contaminants of concern for analysis—specified building by building—were based on former ordnance plant operations, and included VOCs, SVOCs, TPH, PCBs, pesticides, and herbicides.

Figure 4 in Appendix A shows all exterior groundwater sample locations associated with the OEE.

Groundwater samples were collected within footprints or around perimeters of the following buildings:

- 104 A/B/C/D
- 108 B
- 122 B
- 136 E
- 108 A and 111
- 115 and USTs
- 136 B
- 136 F



Exterior groundwater sample results were as follows:

### **VOCs**

Groundwater samples from nine locations were analyzed for VOCs; of these, groundwater sample DPTGW-1 contained detectable concentrations of VOCs. Some of the VOC concentrations exceeded RSLs, but not MRBCA RBTLs under the non-residential or construction worker scenario.

VOC detections in groundwater were compared to EPA's list of chemicals of potential concern for vapor intrusion. Trichloroethene (TCE), a chemical of potential concern for vapor intrusion, was detected. Sample DPTGW-1 had the highest concentration of TCE, and was therefore assessed by use of EPA's Office of Solid Waste and Emergency Response (OSWER) Groundwater Concentration to Indoor Air Concentration Calculator (Version 3.0, November 2012 RSLs). Assuming a commercial exposure scenario, the calculated indoor air concentration for TCE did not exceed the target risk for carcinogens (1.00E-06) or the target hazard quotient for non-carcinogens (1.0).

### **SVOCs**

Groundwater samples from eight locations were analyzed for SVOCs; groundwater samples from five of these locations contained detectable concentrations of SVOCs. In each groundwater sample containing detectable SVOC concentrations, an exceedance of an EPA RSL occurred, but no SVOC concentration exceeded an MRBCA RBTL under the non-residential or construction worker scenario. No detected SVOCs are listed as chemicals of potential concern for vapor intrusion.

### **TPH**

Groundwater samples from eight locations were analyzed for TPH; groundwater samples from two of these locations contained detectable concentrations of TPH. No exceedances of MRBCA RBTLs under the non-residential or construction worker scenario were detected. TPH is not listed as a chemical of potential concern for vapor intrusion.

### **PCBs**

Groundwater samples from two locations were analyzed for PCBs; both contained detectable concentrations of PCBs. Groundwater sample DPTGW-9 contained PCBs at concentrations exceeding residential screening levels and MRBCA RBTLs under the non-residential scenario.

PCB detections in groundwater were compared to EPA's list of chemicals of potential concern for vapor intrusion; PCB blends Aroclor 1221 and Aroclor 1232 are listed as chemicals of potential concern for

vapor intrusion. The maximum PCB concentration (detected in sample DPTGW-9) was assessed by use of EPA's OSWER Groundwater Concentration to Indoor Air Concentration Calculator (Version 3.0, November 2012 RSLs). Assuming a commercial exposure scenario, the calculated indoor air concentration did not exceed the target risk for carcinogens (1.00E-06).

### **Pesticides and Herbicides**

A groundwater sample from one location was analyzed for pesticides and herbicides. No pesticide or herbicide was detected.

#### **3.2.4 Summary**

On the basis of the OEE sampling results, the primary contaminants and areas of concern are PCBs in subsurface soil and groundwater near Buildings 108A, TCE in groundwater sample DPTGW-1, and SVOCs and/or metals in nearby soil in Buildings 102 A/B/C, 103 A/B/C, 103 E, 104 A/B/C/D, 104 E, and 104 F.

### **3.3 CONCLUSIONS**

The PA/SI and OEE confirmed presence of primarily metals, PCBs, SVOCs, and VOCs in soil and groundwater at the GFC. The OEE was designed to further investigate occupational risks, and focused primarily on determining whether contamination could be present within buildings and on exterior surfaces. The RI was designed to continue to (1) fill existing environmental data gaps, and (2) evaluate cleanup needs attributable to on-site legacy contamination present in soil and groundwater at the exterior grounds, and associated with former ordnance plant operations.

## 4.0 DATA ACQUISITION ACTIVITIES

The following sections discuss data acquisition activities in support of this GFC RI. These sections discuss sampling rationale, as well as procedures stipulated in the approved RI Work Plan (Tetra Tech 2016) applied for field measurement, sample collection, sample handling and custody, quality control (QC), equipment decontamination, and management of investigation-derived waste (IDW). Samples were collected in a manner consistent with EPA methods and standard operating procedures (SOP). Field documentation of data acquisition activities is in Appendices C, (boring logs), D (field logbooks), E (photographic documentation), and F (field sample collection sheets and chain-of-custody records).

### 4.1 PREPARATORY ACTIVITIES

Prior to initiating field data acquisition and as necessary to maintain data accuracy and reproducibility, members of the field team tested, inspected, and maintained sampling equipment and instrumentation in accordance with manufacturers' recommendations. Maintenance and calibration activities are documented in the field log book (see Appendix D).

Tetra Tech also located underground utilities in the vicinity of sampling locations by reference to utility maps provided by GSA and Baker-Peterson, a private utility-locating service. Based on discussions with GSA, Tetra Tech contracted with Baker-Peterson because Missouri One-Call is not responsible for locating private underground utilities, and the GSA utility maps are not sufficiently reliable.

### 4.2 SAMPLING PROCESS

The sampling scheme employed for this project was judgmental (based on the best professional judgment of the sampling team), in accordance with the *Guidance for Performing Site Inspections Under CERCLA*, OSWER Directive #9345.1-05, September 1992. The following describes soil and groundwater sampling processes during the GFC RI. Direct-push technology (DPT) services were provided by Tetra Tech subcontractor Plains Environmental Services of Salina, Kansas. DPT boring locations, at which all RI soil and groundwater samples were collected, are shown on Figure 5 in Appendix A, and individual sample locations are shown on Figures 5 through 12 in Appendix A. Table 2 in Appendix B lists additional details regarding samples collected, including sample types, identifiers, and analyses. After sample collection, samples were labeled, recorded on a field sample collection sheet / chain of custody, and stored in coolers maintained at or below 4 degrees Celsius (°C) pending submittal to ALS Environmental of Houston, Texas, for laboratory analysis.

#### 4.2.1 Direct-Push Technology Surface Soil Sampling

DPT surface soil samples (0 to 1 foot bgs) were collected at six buildings of the GFC, where prior sampling had indicated potential for exterior contamination in soil. Contaminants of concern for analysis—specified building by building / area by area—included VOCs, SVOCs, and PCBs. At least one surface soil sample was collected within the footprint, around the perimeter, and upgradient/downgradient of each of the following buildings:

- Building 107
- Building 136 F
- Buildings 102 E, J, & K
- Building 102 A/B/C
- Building 104 A/B/C/D
- Buildings 108 A & 111.

Samples were collected for laboratory analyses listed in Table 2 in Appendix B.

Tetra Tech collected surface soil samples where DPT soil sampling occurred. Tetra Tech collected surface soil samples by use of a Geoprobe Macro-Core sampler fitted with disposable polyvinyl chloride (PVC) or acetate liners. Soil samples were collected in general accordance with EPA Environmental Response Team (ERT) SOP 2012, *Soil Sampling* (EPA 2000) and EPA SOP 4230.07, *Geoprobe Operation* (EPA 1995a).

At each boring location, a soil core was collected within 0 to 4 feet bgs. Surface soil samples were composite samples (for non-VOC analyses) consisting of multiple aliquots from the 0- to 1-foot bgs interval of DPT soil borings described in Section 4.2.1. Surface soil samples for VOC analysis were grab samples from selected DPT borings within the 0- to 1-foot bgs interval within each area.

Soil to be analyzed for VOCs was sampled by use of a TerraCore sampling kit (refer to EPA Method 5035 – *Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples* [EPA 1996]). Soils for composite samples to be analyzed for SVOCs and PCBs were removed from the PVC or acetate liner and placed in a disposable Ziploc® bag for homogenization, and then transferred to laboratory-supplied containers.

#### 4.2.2 Direct-Push Technology Sub-Surface Soil Sampling

DPT sub-surface soil samples were collected at six buildings/areas of the GFC where prior sampling had indicated potential for exterior contamination in soil. Contaminants of concern for analysis—specified

building by building / area by area—including VOCs, SVOCs, and PCBs. DPT soil samples were collected within the footprint, around the perimeter, and upgradient/downgradient of each of the following buildings/areas:

- Building 107
- Building 136 F
- Buildings 102 E, J, & K
- Building 102 A/B/C
- Building 104 A/B/C/D
- Buildings 108 A & 111.

Samples were collected for laboratory analyses listed in Table 2 in Appendix B.

Tetra Tech collected DPT soil samples by use of a Geoprobe Macro-Core sampler fitted with disposable PVC or acetate liners. Soil samples were collected in general accordance with EPA Environmental Response Team (ERT) SOP 2012, *Soil Sampling* (EPA 2000) and EPA SOP 4230.07, *Geoprobe Operation* (EPA 1995a).

At each boring location, a continuous soil core was collected in 4-foot segments. Each 4-foot core interval was screened for contamination by use of a hand-held photoionization detector (PID) and via visual and olfactory detections. Tetra Tech generated a detailed boring log of lithologic variation, moisture content, and evidence of potential contamination. These logs were prepared by a qualified geologist. Copies of all boring logs generated for the RI are in Appendix C.

At each boring location, two samples were collected within the zones indicating highest apparent contamination based on historical operations, PID readings, or visual or olfactory evidence. In the absence of a zone of contamination, subsurface soil samples were collected within approximately 4 to 8 feet bgs and directly above the water table or refusal, whichever was encountered first.

Soil to be analyzed for VOCs was sampled by use of a TerraCore sampling kit (refer to EPA Method 5035 – *Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples* [EPA 1996]). The remaining soil was removed from the PVC or acetate liner and placed in a disposable Ziploc® bag for homogenization, and then transferred to laboratory-supplied containers.

#### **4.2.3 Direct-Push Technology Groundwater Sampling**

DPT groundwater sampling was co-located with DPT soil sampling locations where historical operations, analytical data, or DPT logs indicated potential for legacy groundwater contamination associated with

former ordnance plant operations at the GFC. Contaminants of concern for analysis—specified building by building / area by area—included VOCs, SVOCs, PCBs, and Resource Conservation and Recovery Act (RCRA) metals. DPT groundwater sampling was attempted within the footprint, around the perimeter, and upgradient/downgradient of each of the following buildings/areas:

- Building 107
- Building 136 F
- Buildings 102 E, J, & K
- Building 102 A/B/C
- Building 104 A/B/C/D
- Buildings 108 A & 111
- Background Areas.

Samples were collected for laboratory analyses listed in Table 9 in Appendix B.

Tetra Tech collected the exterior groundwater samples in general accordance with EPA ERT SOP 2007, *Groundwater Well Sampling* (EPA 1995b), and EPA SOP 4230.07, *Geoprobe Operation* (EPA 1995a). Where ample groundwater was present, groundwater samples were collected from temporary monitoring wells by use of a Geoprobe Screen Point 15 sampling apparatus with a disposable 4-foot-long PVC screen. The screen was placed at or directly below the water table, and samples were collected through disposable polyethylene tubing by use of a check valve placed at the bottom of the tubing. Where ample groundwater was available, approximately three tubing volumes of groundwater were purged prior to sampling. Groundwater samples were collected in laboratory-supplied containers, and samples to be analyzed for parameters with greatest potential for volatilization were collected first.

#### **4.2.4 Quality Control Sampling**

Field QC samples collected to help evaluate validity of original field sample data included field duplicates, trip blanks, and equipment blanks. Additionally, extra sample volume was collected at select locations for laboratory matrix spike/matrix spike duplicate (MS/MSD) analysis.

#### **Field Duplicate Samples**

Collection and analysis of field duplicates allows evaluation of consistency of the overall sampling and analytical system. Field duplicates are two environmental samples collected at the same time and at the same location for separate submittals to the laboratory for analysis. Collections of field duplicate groundwater samples at all locations failed because of absence of groundwater or insufficient groundwater volumes in DPT borings. Field duplicate soil samples were collected but were not

considered critical or representative of data quality, given the difficulty of collecting truly homogeneous, co-located samples within that medium.

### **Equipment Blanks**

Equipment blank samples permit evaluation of equipment decontamination procedures. Blanks are collected as samples of clean, analyte-free water passed through and over the sampling equipment. For the RI, an equipment blank was collected by pouring deionized water over/through decontaminated DPT sampling equipment and collecting it in the appropriate sample containers. The blanks were analyzed for the same parameters as those for their corresponding environmental samples.

### **Trip Blanks**

Trip blanks allow estimation of incidental or accidental contamination of environmental samples during sampling, storage, and transportation to the laboratory. Trip blanks prepared and provided by the analyzing laboratory were stored and shipped with each cooler containing soil or groundwater samples to be analyzed for VOCs. The trip blanks were analyzed for VOCs.

### **MS/MSD Samples**

MS/MSD samples allow evaluation of precision and accuracy of an analytical method applied for a particular environmental sample matrix. Samples for MS/MSD analysis were duplicate and triplicate volumes of environmental samples submitted to the laboratory for analysis. MS/MSD additional volumes were collected at a laboratory-determined frequency at field-determined locations where sufficient sample volume was available.

## **4.3 EQUIPMENT DECONTAMINATION**

Pre-cleaned, disposable (one-time use) sampling equipment was used where possible to minimize equipment decontamination requirements. Reusable monitoring and sampling equipment such as water level indicators and Geoprobe rods and samplers were decontaminated prior to fieldwork and after sampling at each location according to the following steps:

1. Wash with low-phosphate detergent (e.g., Alconox).
2. Rinse with distilled and deionized water.
3. Allow to air dry.

#### **4.4 INVESTIGATION-DERIVED WASTE MANAGEMENT**

Field methods were designed to minimize unnecessary generation of IDW. IDW consisted of expendable sampling supplies, personal protective equipment (PPE), soil cuttings, and decontamination fluids.

Disposal of expendable sampling materials and PPE occurred off site as municipal solid waste.

Decontamination fluids were discharged to the ground surface on facility property at a location downgradient of soil and groundwater sampling locations. Soil cuttings were returned to the boreholes from which they had originated.



## **5.0 DATA VERIFICATION, VALIDATION, AND QUALITY ASSESSMENT**

The quality assurance (QA) objective for this project was to provide valid data of known and documented quality. As such, laboratory data packages from the May 2016 RI sampling event were verified and validated by a qualified Tetra Tech chemist to identify readily apparent problems and QC deficiencies. Copies of laboratory data packages are in Appendix G, and complete data verification and validation reports are in Appendix H. This section presents significant findings of Tetra Tech's data verification and validation, and discusses overall data quality and usability with respect to data quality objectives (DQO) established in the Work Plan/QAPP developed by Tetra Tech in 2016 for the RI. Specific DQOs are discussed in terms of accuracy, precision, completeness, representativeness, and comparability.

Tetra Tech applied the following guidelines, as applicable, in qualifying the data and evaluating suitability of the data to support project decisions and answer underlying questions:

- Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA Region 7 Guideline 9240.1-48, June 2008)
- Review of Data Packages from Subcontracted Laboratories (Tetra Tech, February 2002)
- Other criteria specified in the applicable methods.

### **5.1 ACCURACY AND PRECISION**

Accuracy for this project is defined as the ratio, expressed as a percentage, of a measured value to a true or reference value. The analytical component of accuracy is expressed as percent recovery, based on analysis of laboratory-prepared spike samples. Accuracy is estimated by calculating percent recoveries of laboratory MS/MSD samples and laboratory control samples (LCS).

Precision for this project is defined as a measure of agreement among individual measurements of laboratory-prepared duplicate samples and field duplicates. Precision is estimated by analyzing duplicate MS samples or LCSs, comparing results with those from the corresponding original samples, and calculating the relative percent difference (RPD) between results from each duplicate pair.

Additional details and formulas are provided in the Work Plan/QAPP (Tetra Tech 2016).

#### **5.1.1 Volatile Organic Compounds**

The following findings of Tetra Tech's data verification and validation resulted in data qualification beyond that applied by the analytical laboratory:

In all soil samples analyzed for VOCs, including MS/MSD analyses, recoveries of one of the four surrogates, dibromofluoromethane, were below the laboratory's established limits of 71 to 128 percent. Most recoveries were in the range 20 to 40 percent. These results indicate significant matrix interference with determinations of concentrations of some, if not all, VOCs in the sample. Due to this uncertainty, all soil VOC results, detected and non-detected, were qualified as estimated and flagged "J" or "UJ," as appropriate.

Most other VOC accuracy and precision indicators were well within their acceptable limits. The only exceptions were results from some MS/MSD analyses of samples from other sites. No qualifications were applied for these irregularities.

Overall data quality is acceptable, with qualification due to inherent nature of the soil samples. All data are usable as qualified for their intended purposes.

### **5.1.2 Semivolatile Organic Compounds**

The following findings of Tetra Tech's data verification and validation resulted in data qualification beyond that applied by the analytical laboratory:

All surrogate recoveries and LCS results (including duplicate LCS results used in lieu of MS/MSD analyses in some cases) and almost all MS/MSD results were within acceptance limits.

The sole exceptions were MS/MSD analyses of sample DPTS-120, in which caprolactam yielded recoveries of 21 and 71 percent (versus limits of 50 to 135 percent) and a consequent RPD of 108 percent (versus its limit of 30 percent). These irregular results apparently resulted from heterogeneities within the soil. The caprolactam result for sample DPTS-120 was qualified as estimated. Similar heterogeneities may exist at other sample locations.

Overall data quality is acceptable, with one qualification. All data are usable as qualified for their intended purposes.

### **5.1.3 Polychlorinated Biphenyls**

The following findings of Tetra Tech's data verification and validation resulted in data qualification beyond that applied by the analytical laboratory:

All surrogate recoveries, LCS results, and MS/MSD results were within limits. The only irregularity in accuracy was detection of Aroclor 1260 in one sample, DPTS-144. Quantitative results from the two

analytical columns differed greatly, with an RPD above 40 percent. This indicates that at least some of the instrument's response was due to non-PCB organic compounds, probably PAHs. The laboratory reported the lower result and flagged it "P." This result was qualified as estimated, and the qualifier was modified to the standard "J."

Overall data quality is acceptable, with one qualification. All data are usable as qualified for their intended purposes.

## **5.2 REPRESENTATIVENESS**

Representativeness of collected samples is facilitated by establishing and following criteria and procedures identified in the Work Plan/QAPP (Tetra Tech 2016), which was designed based on the historical site information and objectives therein. Tetra Tech implemented the Work Plan/QAPP as described in Section 4.0. As noted, deviations primarily included inability to collect (1) soil samples because of refusal in the subsurface, and (2) groundwater samples partly or fully because of insufficient subsurface groundwater availability. These deviations do not detract from representativeness of acquired data.

Representativeness also is assessed by use of QC samples, including field duplicates and blanks. Additional details and formulas are in the Work Plan/QAPP (Tetra Tech 2016). The following subsections discuss this assessment:

### **5.2.1 Volatile Organic Compounds**

Tetra Tech's data verification and validation resulted in no data qualification beyond that applied by the analytical laboratory.

### **5.2.2 Semivolatile Organic Compounds**

The following findings of Tetra Tech's data verification and validation resulted in data qualification beyond that applied by the analytical laboratory:

The aqueous equipment blank yielded low concentrations of a number of analytes, including common laboratory contaminants (two phthalate esters) detected in some soil samples, a PAH (naphthalene) found in several soil samples, and two oxygenated aromatic compounds (acetophenone and benzaldehyde) found in some soil samples. No qualifications were applied for these minor irregularities.

Overall data quality is acceptable, with no qualifications applied. All data are usable as reported for their intended purposes.

### **5.2.3 PCBs**

Tetra Tech's data verification and validation resulted in no data qualification beyond that applied by the analytical laboratory.

## **5.3 COMPARABILITY**

Comparability is the extent to which data can be compared between sample locations or periods of time within the project, or between projects. To ensure project comparability (that data from various phases of the project are comparable), Tetra Tech evaluated historical environmental information compiled for GFC and applied the standardized sampling methods, analytical methods, and units of reporting defined in the Work Plan/QAPP (Tetra Tech Inc. 2016). In some cases, introductions of new sampling and analytical methods were necessary to fill data gaps.

Samples were analyzed by a contract laboratory employing methods selected based on past sampling data and acquired historical information regarding the facility. Laboratory analysis proceeded per the reference methods, as documented or amended by the laboratory's internal SOPs. Calibration procedures and frequencies accorded with the listed EPA methods, and calibration standards were prepared from standard reference materials. Tetra Tech requested laboratory reporting limits that were equal to or less than appropriate screening levels; however, this was infeasible in some cases because of matrix interference, high analyte concentrations requiring dilution, or technological constraints.

## **5.4 COMPLETENESS**

Data completeness is expressed as the percentage of data generated that is considered valid. A completeness goal of 95 percent was applied to this project; however, even if that goal had not been met, site decisions still would have been reached based on the remaining data. Additional details and formulas are provided in the Work Plan/QAPP (Tetra Tech Inc. 2016).

As previously noted, insufficient subsurface groundwater availability precluded collection of most groundwater samples, and thus the completeness goal of 95 percent was not achieved. However, because no critical samples were identified for the project, absence of the uncollected samples does not detract from the validity of acquired data. All data are usable for their intended purposes with the qualifications discussed above.

## 6.0 RI RESULTS

This section presents verified results of the May 2016 sampling event and compares the results to applicable state screening levels. Table 2 in Appendix B lists all environmental samples collected as part of the RI, including sample-specific information. Copies of laboratory data packages are in Appendix G, and complete data verification and validation reports are in Appendix H. Sampling locations are shown on Figures 5 through 12 in Appendix A. Figure 13 in Appendix A shows contamination discovered during the RI.

### 6.1 DIRECT-PUSH TECHNOLOGY SURFACE SOIL

DPT surface soil samples were collected at six buildings/areas of the GFC, where prior sampling had indicated potential for contamination in soil. Sample locations were within building footprints, around perimeters, and upgradient/downgradient of these buildings/areas. Contaminants of concern for analyses—specified building by building / area by area—included VOCs, SVOCs, and PCBs. Results were compared to MRBCA Lowest Default Target Levels (LDTL) and the most conservative non-residential and construction worker RBTLs for soils under Soil Type 1 (sandy). These standards address the relevant exposure pathways, including dermal contact, ingestion, and inhalation of vapor emissions and particulates.

#### 6.1.1 Building 107

One composited surface soil sample (DPTS-101) was collected from four borings around the perimeter of Building 107 (see Appendix A, Figure 6). DPTS-101 was submitted for fixed-base laboratory analysis for PCBs. Table 3 in Appendix B lists PCB results from the soil sample.

No detections of PCBs or exceedances of any MRBCA screening levels were noted in DPTS-101.

#### 6.1.2 Building 136 F

Two surface soil grab samples (DPTS-110, DPTS-116) were collected from three borings upgradient of Building 136 F (see Appendix A, Figure 7). DPTS-110 and DPTS-116 were submitted for fixed-base laboratory analysis for VOCs. Table 4 in Appendix B lists VOC results from soil samples collected upgradient of Building 136 F.

In surface soil samples DPTS-110 and DPTS-116, minor detections of acetone occurred at 0.065 and 0.044 milligrams per kilogram (mg/kg), respectively. Neither detection exceeded any MRBCA screening

level. Acetone is a common laboratory contaminant regularly detected in samples analyzed for VOCs. No other VOC detections or exceedances of any MRBCA screening levels were noted in surface soil samples DPTS-110 and DPTS-116.

### **6.1.3 Buildings 102 J and 102 K**

One composited surface soil sample (DPTS-119) was collected from three borings around the perimeters of Buildings 102 K, 102 E, and 102 J (see Appendix A, Figure 8). DPTS-119 was submitted for fixed-base laboratory analysis for SVOCs. Table 5 in Appendix B lists SVOC results from soil samples associated with Buildings 102 J and 102 K.

A total of 15 SVOCs were detected in surface soil sample DPTS-119. All detections were minor or below individual quantitation limits. No other SVOC detections or exceedances of any MRBCA screening levels were noted in surface soil sample DPTS-119.

### **6.1.4 Building 102 A/B/C**

One composited surface soil sample (DPTS-128) and three surface soil grab samples (DPTS-127, DPTS-133, DPTS-146) were collected from borings around the perimeter of Building 102 A/B/C (see Appendix A, Figure 9). DPTS-128 was submitted for fixed-base laboratory analysis for SVOCs, while DPTS-127, DPTS-133, and DPTS-146 were submitted for VOC analysis. Table 6 in Appendix B lists SVOC and VOC results from soil samples associated with Building 102 A/B/C.

A total of 24 SVOCs were detected in surface soil sample DPTS-128. All detections were minor and/or below individual quantitation limits. No other SVOC detections or exceedances of any MRBCA screening levels were noted in surface soil sample DPTS-119.

In surface soil samples DPTS-127 and DPTS-133, minor detections of acetone occurred at 0.081 and 0.065 mg/kg, respectively. Neither detection of acetone exceeded any MRBCA screening level. Acetone is a common laboratory contaminant regularly detected in samples analyzed for VOCs. No other VOC detections or exceedances of any MRBCA screening levels were noted in surface soil samples DPTS-127 and DPTS-133.

No detections of VOCs or exceedances of any MRBCA screening levels were noted in surface soil sample DPTS-146.

### **6.1.5 Building 104 A/B/C/D**

Two composited surface soil samples (DPTS-138, DPTS-150) were collected from borings around the perimeter of Building 104 A/B/C/D (see Appendix A, Figure 10). DPTS-138 and DPTS-150 were submitted for fixed-base laboratory analysis for PCBs. Table 7 in Appendix B lists PCB results from soil samples collected around the perimeter of Building 104 A/B/C/D.

In surface soil sample DPTS-150, the PCB Aroclor 1260 was detected at 1.2 mg/kg, which exceeded the MRBCA LDTL of 1.11 mg/kg. However, it was below non-residential and construction worker MRBCA RBTLs for soil of 7.34 and 20.4 mg/kg, respectively. No other detections of PCBs or exceedances of any MRBCA screening levels were noted in surface soil sample DPTS-150.

No detections of PCBs or exceedances of any MRBCA screening levels were noted in surface soil sample DPTS-138.

### **6.1.6 Buildings 108 A and 111**

Two composited surface soil samples (DPTS-158, DPTS-169) were collected from borings in the vicinity of Buildings 108 A and 111 (see Appendix A, Figure 11). DPTS-158 and DPTS-169 were submitted for fixed-base laboratory analysis for PCBs. Table 8 in Appendix B lists PCB results from soil samples collected in the vicinity of Buildings 108A and 111.

In surface soil sample DPTS-158, the PCB Aroclor 1260 was detected at 110 mg/kg, which exceeded the MRBCA LDTL of 1.11 mg/kg, as well as the non-residential and construction worker MRBCA RBTLs for soil of 7.34 and 20.4 mg/kg, respectively. No other detections of PCBs or exceedances of any MRBCA screening levels were noted in surface soil sample DPTS-158.

No detections of PCBs or exceedances of any MRBCA screening levels were noted in surface soil sample DPTS-169.

## **6.2 DIRECT-PUSH TECHNOLOGY SUB-SURFACE SOIL**

DPT sub-surface soil samples were collected at six buildings/areas of the GFC, where prior sampling had indicated potential for exterior contamination in soil. Samples were collected within footprints, around perimeters, and upgradient/downgradient of these buildings/areas. Contaminants of concern for analysis—specified building by building / area by area—included VOCs, SVOCs, and PCBs. Results were compared to MRBCA LDTLs and the most conservative non-residential and construction worker

MRBCA Tier 1 RBTLs for soils under Soil Type 1 (sandy). These standards address the relevant exposure pathways, including dermal contact, ingestion, and inhalation of vapor emissions and particulates.

### **6.2.1 Building 107**

Eight sub-surface soil samples were collected from four borings around the perimeter of Building 107 (see Appendix A, Figure 6). Sub-surface soil samples were submitted for fixed-base laboratory analysis for PCBs. Table 3 in Appendix B lists PCB results from soil samples associated with Building 107.

No detections of PCBs or exceedances of any MRBCA screening levels were noted in any sub-surface soil samples associated with Building 107.

### **6.2.2 Building 136 F**

Seven sub-surface soil samples were collected from three borings upgradient of Building 136 F (see Appendix A, Figure 7). Sub-surface soil samples were submitted for fixed-base laboratory analysis for VOCs. Table 4 in Appendix B lists VOC results from soil samples associated with Building 136 F.

No detections of VOCs or exceedances of any MRBCA screening levels were noted in any sub-surface soil samples associated with Building 136 F.

### **6.2.3 Buildings 102 J and 102 K**

Seven sub-surface soil samples were collected from three borings around the perimeters of Buildings 102 K, 102 E, and 102 J (see Appendix A, Figure 8). Sub-surface soil samples were submitted for fixed-base laboratory analysis for SVOCs. Table 5 in Appendix B lists SVOC results from soil samples associated with Buildings 102 J and 102 K.

A total of 17 SVOCs were detected in sub-surface soil samples. All detections were minor and/or below individual quantitation limits. No other SVOC detections or exceedances of any MRBCA screening levels were noted in any sub-surface soil samples associated with Buildings 102 J and 102 K.

### **6.2.4 Building 102 A/B/C**

Eleven sub-surface soil samples were collected from borings around the perimeter of Building 102 A/B/C (see Appendix A, Figure 9). Sub-surface soil samples were submitted for fixed-base laboratory analyses



for SVOCs and VOCs. Table 6 in Appendix B lists SVOC and VOC results from soil samples associated with Building 102 A/B/C.

A total of 28 SVOCs were detected in in sub-surface soil samples. All detections were minor or below individual quantitation limits. No other SVOC detections or exceedances of any MRBCA screening levels were noted in any sub-surface soil samples associated with Building 102 A/B/C.

Minor detections of one VOC, acetone, occurred in sub-surface soil samples DPTS-131 and DPTS-134 at 0.027 and 0.025 mg/kg, respectively. Neither detection of acetone exceeded any MRBCA screening level. Acetone is a common laboratory contaminant regularly detected in samples analyzed for VOCs. No other VOC detections or exceedances of any MRBCA screening levels were noted in any surface soil samples associated with Building 102 A/B/C.

#### **6.2.5 Building 104 A/B/C/D**

Fourteen sub-surface soil samples were collected from six borings around the perimeter of Building 104 A/B/C/D (see Appendix A, Figure 10). Sub-surface soil samples were submitted for fixed-base laboratory analysis for PCBs. Table 7 in Appendix B lists PCB results from soil samples associated with Building 104 A/B/C/D.

Minor detections of one PCB, Aroclor 1260, occurred in sub-surface soil samples DPTS-144 and DPTS-151 at 0.024 and 0.045 mg/kg, respectively. Neither detection of Aroclor 1260 exceeded any MRBCA screening level. No other PCB detections or exceedances of any MRBCA screening levels were noted in any surface soil samples associated with Building 104 A/B/C/D.

#### **6.2.6 Buildings 108 A and 111**

Fifteen sub-surface soil samples were collected from seven borings in the vicinity of Buildings 108 A and 111 (see Appendix A, Figure 11). Sub-surface soil samples were submitted for fixed-base laboratory analysis for PCBs. Table 8 in Appendix B lists PCB results from soil samples associated with Buildings 108 A and 111.

No detections of PCBs or exceedances of any MRBCA screening levels were noted in any sub-surface soil samples associated with Buildings 108 A and 111.

### **6.3 DIRECT-PUSH TECHNOLOGY GROUNDWATER**

DPT groundwater sampling was attempted at six buildings/areas of the GFC, where prior sampling had indicated potential for exterior contamination in soil. Sampling was attempted within footprints, around perimeters, and upgradient/downgradient of these buildings/areas. Groundwater sampling was attempted at each boring. However, hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth at all but one boring.

Contaminants of concern for analysis—specified building by building / area by area—included VOCs, SVOCs, PCBs, and RCRA metals. Results were compared to MRBCA LDTLs and the most conservative non-residential and construction worker MRBCA Tier 1 RBTLs for groundwater under Soil Type 1 (sandy). These standards address the relevant exposure pathways, including dermal contact, ingestion, and inhalation of vapor emissions and particulates.

#### **6.3.1 Buildings 108 A and 111**

One groundwater sample (DPTGW-101) was collected from a boring (DPT-27) within the footprint of Building 111 (see Appendix A, Figure 9). DPTGW-101 was submitted for fixed-base laboratory analysis for PCBs. Table 9 in Appendix B lists PCB results from DPTGW-101.

No detections of PCBs or exceedances of any MRBCA screening levels were noted in groundwater sample DPTS-101.

### **6.4 GROUNDWATER ELEVATION MEASUREMENTS**

One piezometer was installed at the very southeastern corner of the GFC for the sole purpose of acquiring water elevation data (see Appendix A, Figure 5). The piezometer was allowed to charge for 24 hours, but no groundwater was present within that time period. Hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth. Moreover, throughout the site, groundwater was found in only one boring. Lack of encounter with groundwater throughout the RI prevented acquisition of usable groundwater elevation measurements.

### **6.5 BACKGROUND GROUNDWATER QUALITY**

To evaluate quality of groundwater entering the GFC from the west, two DPT temporary monitoring wells were installed (see Appendix A, Figures 5 and 12). Groundwater was not encountered at either DPT boring location. Hard clayey soils and/or other unknown sub-surface interference prevented the

DPT from reaching groundwater static water depth. Efforts during the RI to secure off-site groundwater sampling locations for background groundwater quality sampling were unsuccessful because of access issues.

## **6.6 QUALITY CONTROL**

Field QC samples were collected to help evaluate validity of original field sample data. Field QC samples collected included field duplicates, trip blanks, and equipment blanks. Additionally, extra sample volume was collected at select locations for laboratory MS/MSD analysis.

### **6.6.1 Field Duplicates**

Seven field duplicate soil samples were collected as part of RI sampling activities (see Appendix B, Table 2). Field duplicate samples were submitted for fixed-base laboratory analysis for the same parameters as those for other environmental samples. Analytical results from field duplicate samples were used to evaluate precision via calculation of RPDs (see Section 5.1).

Based in part on calculation of RPDs, overall data quality was determined acceptable and useable as qualified for intended purposes.

### **6.6.2 Equipment Blanks**

One aqueous equipment blank sample (EB-1) was collected as part of RI sampling activities. EB-1 was submitted for fixed-base laboratory analyses for PCBs, SVOCs, and VOCs.

Five SVOCs were detected in aqueous equipment blank sample EB-1 at trace levels and/or below individual quantitation limits. No other SVOC detections or exceedances of any MRBCA screening levels were noted. No detections of PCBs or VOCs in EB-1 were reported.

### **6.6.3 Trip Blanks**

Five aqueous trip blanks samples were submitted as part of RI sampling activities. All trip blank samples were analyzed for VOCs.

No detection of a VOC was reported in any aqueous trip blank sample.

#### **6.6.4 MS/MSD**

Tetra Tech coordinated with the analytical laboratory (ALS Environmental) to confirm extra sample volumes required to conduct MS/MSD analyses. Results from MS/MSD analyses were used to evaluate accuracy and precision of environmental sample matrixes (see Section 5.1).

Based in part on MS/MSD analyses, overall data quality was determined acceptable and useable as qualified for intended purposes.

## 7.0 SUMMARY

This section presents location-specific summaries based on the May 2016 RI and discusses contamination identified during the PA/SI, OEE, and RI assessments.

### 7.1 BUILDING 107

Building 107 historically was utilized for office space and as a SLOP personnel building during Plant No. 1 operations. (b) (7)(F) As part of the RI, one composited surface soil and eight sub-surface soil grab samples were collected via DPT from four borings around the perimeter of the building. Groundwater sampling was attempted at each boring. However, hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth. Soil samples collected in this area were analyzed for PCBs.

No PCB was detected in any soil sample collected around the perimeter of Building 107.

### 7.2 BUILDING 136 F

Building 136 F historically was utilized as a SLOP fire equipment storage building during operation of Plant No. 1. The building was removed sometime in the 1970s. As part of the RI, two surface soil grab samples and seven sub-surface grab samples were collected via DPT from three borings. Borings were positioned upgradient of Building 136 F and a previous OEE groundwater sample location (DPTGW-1) (see Section 3.2.5.1) where analytical data had indicated presence of VOCs. Groundwater sampling was attempted at each boring. However, hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth. Soil samples collected in this area were analyzed for VOCs.

Minor detections of acetone occurred in both soil samples. Acetone is a common laboratory contaminant regularly detected in environmental samples analyzed for VOCs. No VOC exceedance of a MRBCA screening level was noted in any soil sample collected within this area.

### 7.3 BUILDINGS 102 J AND 102 K

Buildings 102 J and 102 K historically were utilized as SLOP lubricating oil storage buildings. Both structures were removed some time after World War II. As part of the RI, one composited surface soil sample and seven sub-surface soil grab samples were collected via DPT from three borings around the perimeters of buildings 102 E, 102 J, and 102 K. Groundwater sampling was attempted at each boring.

However, hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth. Soil samples collected in this area were analyzed for SVOCs.

A total of 18 SVOCs were detected in soil samples. All detections were minor and/or below individual quantitation limits. No exceedance of any MRBCA screening level was noted in soil samples associated with Buildings 102 J and 102 K.

#### **7.4 BUILDING 102 A/B/C**

Building 102 A/B/C historically was utilized for SLOP production of 0.30 caliber ammunition. It has been unoccupied since 1995. As part of the RI, 1 composited surface soil sample, 3 surface soil grab samples, and 11 sub-surface soils samples were collected. Soil samples were collected via DPT from five borings around the perimeter of Building 102 A/B/C. Groundwater sampling was attempted at each boring. However, hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth. Soil samples collected in this area were analyzed for SVOCs and/or VOCs.

A total of 28 SVOCs were detected in soil samples. All detections were minor or below individual quantitation limits. Minor detections of the VOC acetone occurred in four soil samples. Acetone is a common laboratory contaminant regularly detected in environmental samples analyzed for VOCs. No exceedance of a MRBCA screening level was noted in any soil sample collected within this area.

#### **7.5 BUILDING 104 A/B/C/D**

Building 104 A/B/C/D historically was utilized in numerous SLOP production activities, and served as a shipping center, a warehouse, and for office space. (b) (7)(F)

As part of the RI, 2 composited surface soil sample and 14 sub-surface soil grab samples were collected via DPT from six borings around the perimeter of the building. Groundwater sampling was attempted at each boring. However, hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth. Soil samples collected in this area were analyzed for PCBs.

The PCB Aroclor 1260 was detected in three soil samples. In one surface soil sample, the concentration of Aroclor 1260 exceeded the MRBCA LDTL, but was below non-residential and construction worker MRBCA RBTLs. No exceedance of a MRBCA screening level was noted in any other soil sample collected within this area. Figure 13 in Appendix A shows soil contamination discussed in this section.

## 7.6 BUILDINGS 108 A AND 111

Building 108 A (b) (7)(F)

Building 111 historically was utilized as a SLOP boiler house for Plant No. 1. It was removed in the 1970s. As part of the RI, 2 composited surface soil samples and 15 sub-surface soil samples were collected via DPT from seven borings in the vicinity and/or within the footprint of the buildings. In addition, one groundwater sample was collected from a boring within the footprint of Building 111. Groundwater sampling was attempted at each boring. However, hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth at the other borings. Samples collected within this area were analyzed for PCBs.

The PCB Aroclor 1260 was detected in one surface soil sample at concentration exceeded the MRBCA LDTL, non-residential MRBCA RBTL, and construction worker MRBCA RBTL designated for Aroclor 1260. No exceedance of a MRBCA screening level was noted in any other sample collected within this area. Figure 13 in Appendix A shows soil contamination discussed in this section.

## 7.7 GROUNDWATER ELEVATION MEASUREMENTS

One piezometer was installed at the very southeastern corner of the GFC for the sole purpose of acquiring water elevation data. The piezometer was allowed to charge for 24 hours, but no groundwater was present within that time period. Hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth. Moreover, throughout the site, groundwater was found in only one boring. Lack of encounter with groundwater throughout the RI prevented acquisition of usable groundwater elevation measurements.

## 7.8 BACKGROUND GROUNDWATER QUALITY

To evaluate quality of groundwater entering the GFC from the west, two DPT temporary monitoring wells were installed. Groundwater was not encountered at either DPT boring location. Hard clayey soils and/or other unknown sub-surface interference prevented the DPT from reaching groundwater static water depth. Efforts during the RI to secure off-site groundwater sampling locations for background groundwater quality sampling were unsuccessful because of access issues.

## **7.9 QUALITY CONTROL**

Field QC samples were collected to help evaluate validity of original field sample data. Field QC samples collected included field duplicates, trip blanks, and equipment blanks. Additionally, extra sample volume was collected at select locations for laboratory MS/MSD analysis.

QC objectives specified for the RI were achieved. All analytical data were determined usable for their intended purposes.

## **7.10 CONTAMINATION**

Environmental contamination was identified during the PA/SI, OEE, and RI. In all these assessments, contamination was detected via analyses of environmental samples, and defined as analyte concentrations exceeding regulatory benchmarks used at the time of the assessment.

Soil samples collected within the interiors of nine buildings at the GFC indicated presence of RCRA metals and/or SVOCs. Groundwater and soil samples collected from exterior borings at multiple areas of the GFC indicated presence of mostly PCBs and SVOCs. Additionally, at three former buildings, RCRA metals exceedances were noted, and a single groundwater sample collected near Building 136 F contained VOCs. Figure 13 in Appendix A presents a contamination summary of the three assessments.

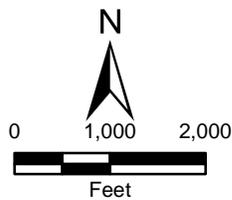
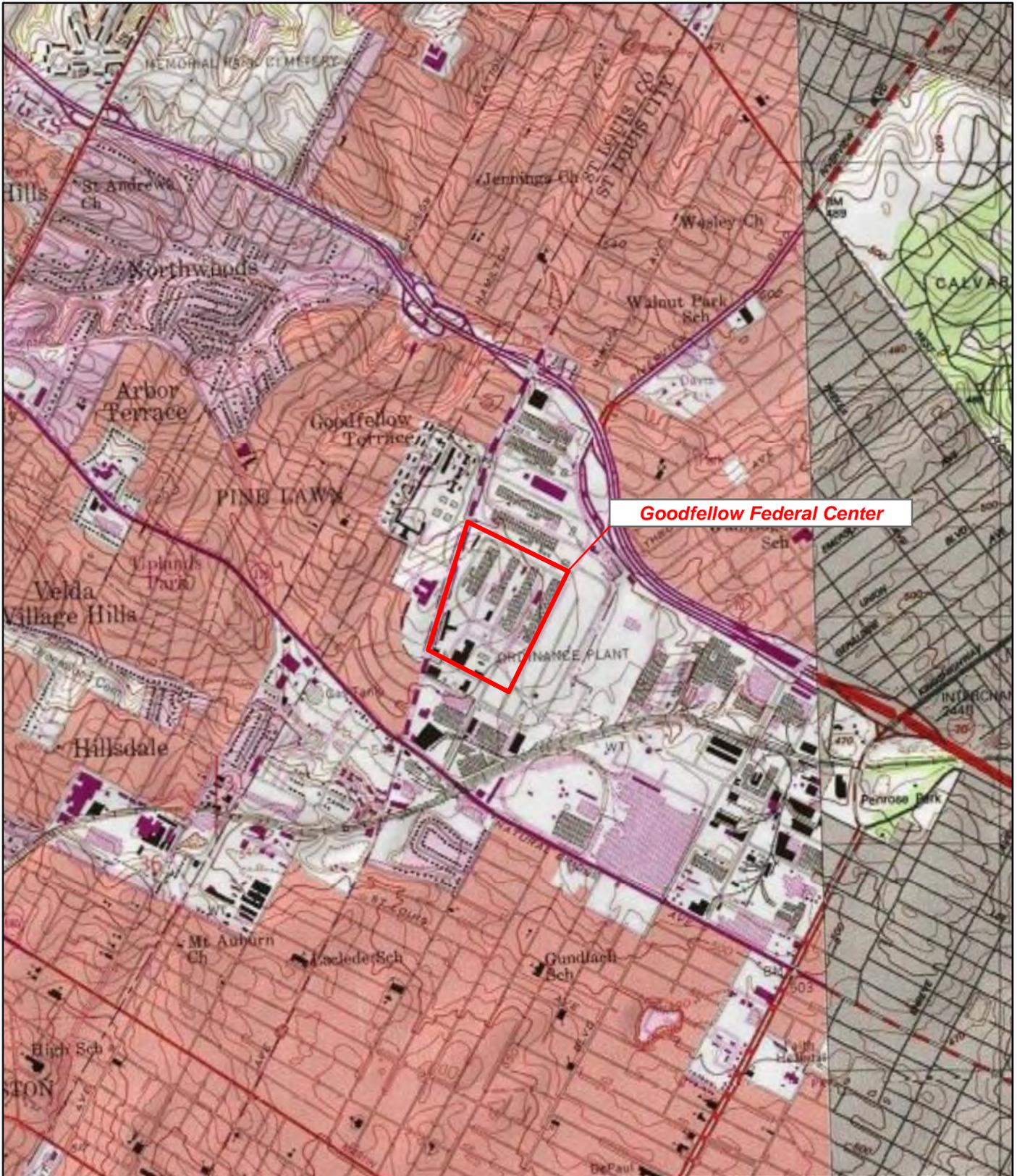


## 8.0 REFERENCES

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**APPENDIX A**

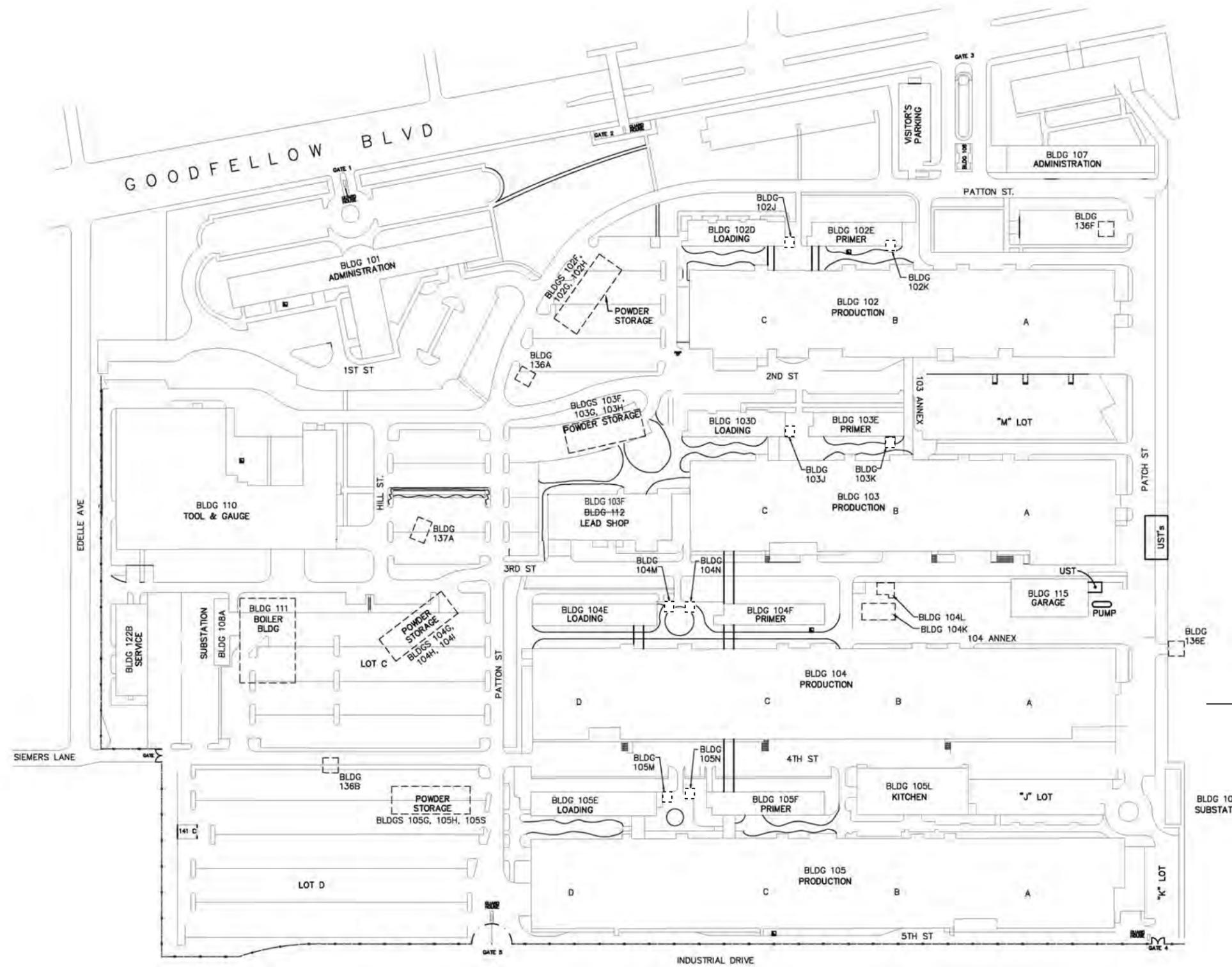
**FIGURES**



Goodfellow Federal Complex  
 Former St. Louis Ordnance Plant  
 4300 Goodfellow Boulevard  
 St. Louis, Missouri

**Figure 1**  
 Facility Location Map





→ To BLDG 208B

- LEGEND**
- FENCE
  - FIRE HYDRANT
  - NO PARKING
  - SMOKING SHELTER
  - FORMER BUILDING LOCATION
  - FH



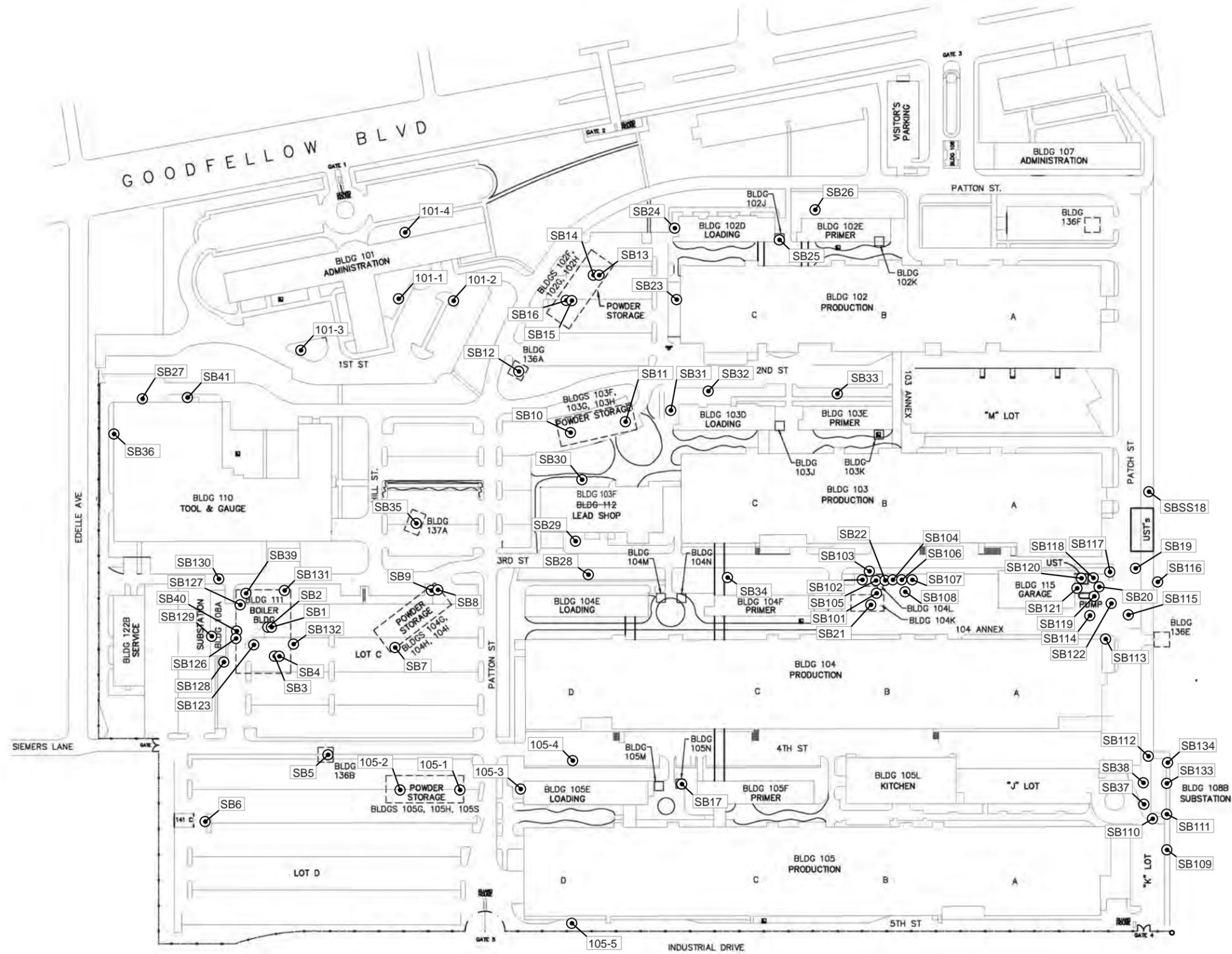
Not to Scale

Goodfellow Federal Complex  
 Former St. Louis Ordnance Plant  
 4300 Goodfellow Boulevard  
 St. Louis, Missouri

**Figure 2**  
 Facility Layout Map with Historical Information



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- Legend
- Matrix Type**
- ⊙ Soil boring sample location
  - PA Preliminary assessment
  - SB Soil boring
  - SI Site investigation
  - SS Sub-slab

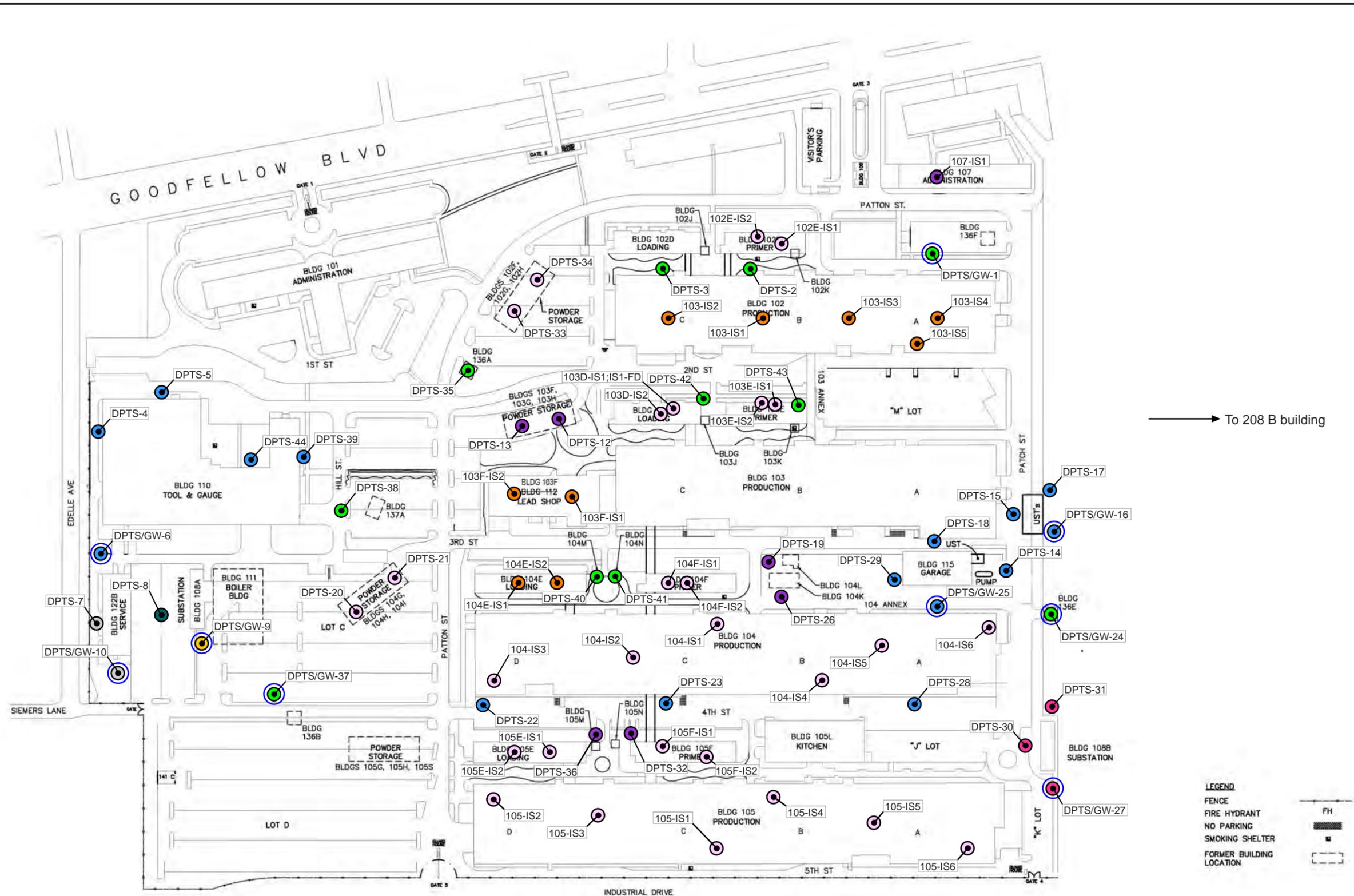
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St. Louis, Missouri

**Figure 3**  
PA/SI Sample Location Map,  
Goodfellow Federal Complex

TETRA TECH

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→ To 208 B building

Legend

Matrix Type

- ⊙ Soil boring sample location
- ⊙ Soil boring and groundwater sample location

Analyte Type

- ⊙ Asbestos (not included as a groundwater analyte)
- ⊙ Asbestos, metals
- ⊙ Asbestos, metals, SVOC
- ⊙ Asbestos, SVOC, TPH, VOC
- ⊙ PCB
- ⊙ PCB, SVOC, TPH, VOC
- ⊙ PCB, pesticides / herbicides, SVOC, TPH, VOC
- ⊙ Pesticides / herbicides, SVOC, TPH, VOC

- ⊙ SVOC, TPH, VOC
- DPTGW Direct push technology groundwater
- DPTS Direct push technology soil
- OEE Occupational Exposure Evaluation
- PCB Polychlorinated biphenyl
- SVOC Semi-volatile organic compounds
- TPH Total petroleum hydrocarbons

- VOC Volatile organic compounds
- ft bgs Feet below ground surface

**LEGEND**

- FENCE
- FIRE HYDRANT
- NO PARKING
- SMOKING SHELTER
- FORMER BUILDING LOCATION



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**Figure 4**  
 OEE Sample Location Map,  
 Goodfellow Federal Complex

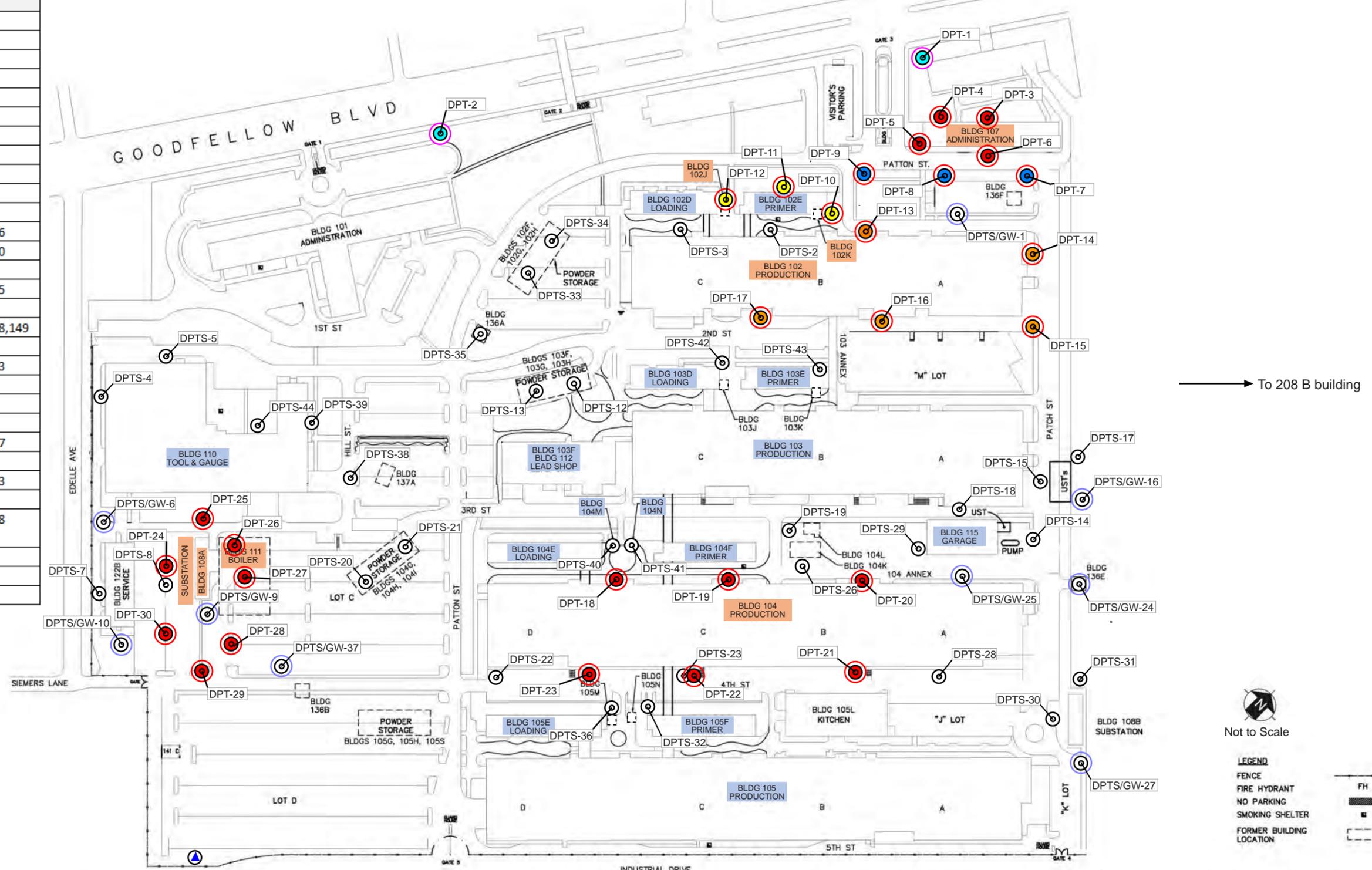
**TETRA TECH**

Date: 8/16/2016 Drawn By: Clayton Hayes Project No: S1058.232.001

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Source: SCS Engineers, Figure 2 - Site Plan, March, 2007.

Sample Key Table	
Sample Location	Sample Number
DPT-1	-
DPT-2	-
DPT-3	DPTS-101*,102,103
DPT-4	DPTS-101*,104,105
DPT-5	DPTS-101*,106,107
DPT-6	DPTS-101*,108,109
DPT-7	DPTS-110,111,112,113
DPT-8	DPTS-114,115
DPT-9	DPTS-116,117,118
DPT-10	DPTS-119*,120,121
DPT-11	DPTS-119*,122,123
DPT-12	DPTS-119*,124,125,126
DPT-13	DPTS-127,128*,129,130
DPT-14	DPTS-128*,131,132
DPT-15	DPTS-128*,133,134,135
DPT-16	DPTS-128*,136,137
DPT-17	DPTS-128*,146,147,148,149
DPT-18	DPTS-138*,139,140
DPT-19	DPTS-138*,141,142,143
DPT-20	DPTS-138*,144,145
DPT-21	DPTS-150*,151,152
DPT-22	DPTS-150*,153,154
DPT-23	DPTS-150*,155,156,157
DPT-24	DPTS-158*,159,160
DPT-25	DPTS-158*,161,162,163
DPT-26	DPTS-158*,164,165
DPT-27	DPTS-158*,166,167,168
DPT-28	DPTS-169*,170,171
DPT-29	DPTS-169*,172,173
DPTS-30	DPTS-169*,174



- Legend
- Matrix Type**
- ⊙ Previous soil boring sample location\*
  - ⊕ Previous soil boring and groundwater sample location\*
  - ⊗ Proposed groundwater sample location
  - ⊖ Soil boring and groundwater sample location
  - ▲ Proposed piezometer location
- Analyte Type**
- PCB
  - PCB, SVOC, VOC, RCRA metals
  - SVOC
  - SVOC, VOC
  - VOC

- Building targeted for additional exterior sampling during the RI
- Exceedance of MRBCA Non-Res standard was for interior sample(s) only

- DPTGW Direct push technology groundwater
- DPTS Direct push technology soil
- MRBCA Missouri Risk-Based Corrective Action
- PCB Polychlorinated biphenyl
- RCRA Resource Conservation and Recovery Act
- RI Remedial investigation
- SVOC Semi-volatile organic compounds
- VOC Volatile organic compounds
- \* Composite Sample

→ To 208 B building

Not to Scale

- LEGEND**
- FENCE
  - FIRE HYDRANT
  - NO PARKING
  - SMOKING SHELTER
  - FORMER BUILDING LOCATION
  - FH

\*Sampling locations are from Occupancy Exposure Evaluation

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**Figure 5**  
RI Sample Location Map,  
Goodfellow Federal Complex

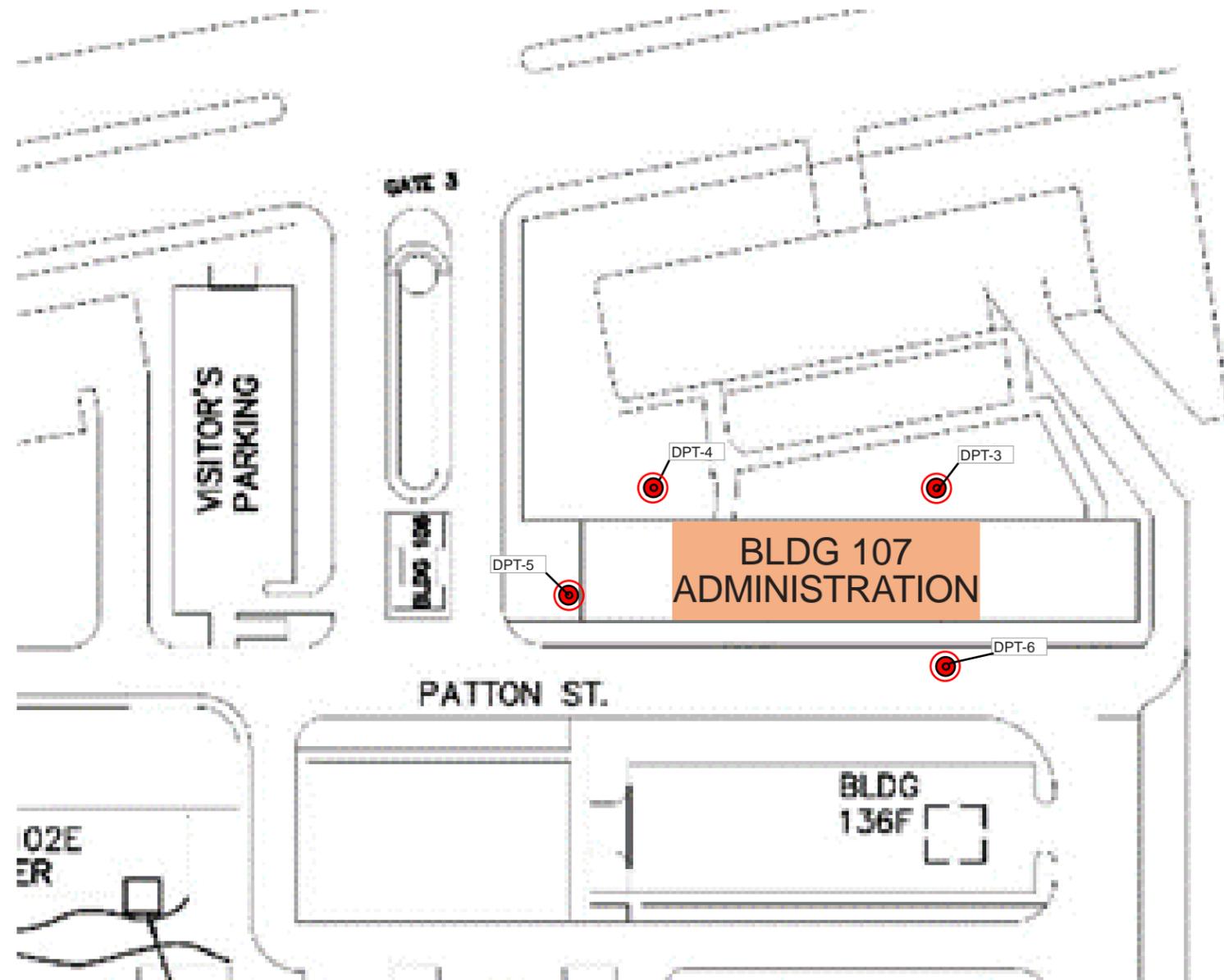
TETRA TECH

Date: 3/4/2016 Drawn By: Gustavo Orozco Project No: S1058.232.001

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Source: SCS Engineers, Figure 2 - Site Plan, March, 2007.

Boring ID	Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Refusal Depth (ft bgs)
DPT-3, DPT-4, DPT-5, DPT-6	DPTS-101	5/18/2016	16:38	0 - 1	*
DPT-3	DPTS-102	5/18/2016	13:20	4 - 8	27.5
DPT-3	DPTS-103	5/18/2016	13:25	23.5 - 27.5	27.5
DPT-4	DPTS-104	5/18/2016	14:40	4 - 8	19
DPT-4	DPTS-105	5/18/2016	14:48	15 - 19	19
DPT-5	DPTS-106	5/18/2016	15:45	4 - 8	16
DPT-5	DPTS-107	5/18/2016	15:50	12 - 16	16
DPT-6	DPTS-108	5/18/2016	17:00	4 - 8	23
DPT-6	DPTS-109	5/18/2016	17:05	19 - 23	23



Not to Scale

LEGEND	
FENCE	---
FIRE HYDRANT	FH
NO PARKING	■
SMOKING SHELTER	■
FORMER BUILDING LOCATION	---

Legend

Matrix Type

⊙ Soil boring sample location

Analyte Type

● PCB

■ Building targeted for additional exterior sampling during the RI

DPT Direct push technology  
DPTS Direct push technology soil  
ft bgs Feet below ground surface  
PCB Polychlorinated biphenyl  
RI Remedial investigation  
\* Composite Sample

\*Sampling locations are from Occupancy Exposure Evaluation

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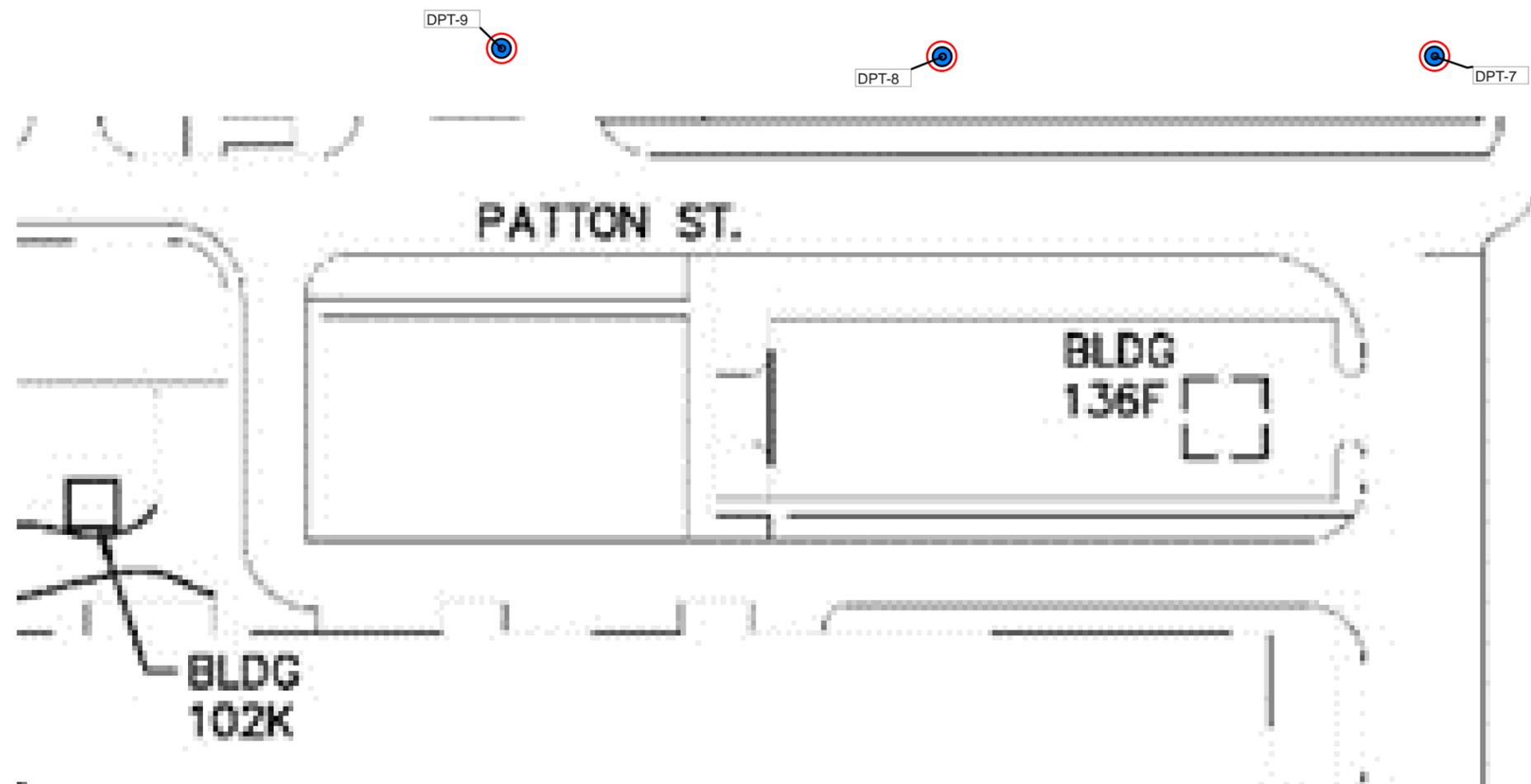
**Figure 6**  
Sample Location Map, Building 107



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Boring ID	Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Refusal Depth (ft bgs)
DPT-7	DPTS-110	5/19/2016	07:50	0 - 1	27
DPT-7	DPTS-111	5/19/2016	08:25	4 - 8	27
DPT-7	DPTS-112	5/19/2016	08:35	23 - 27	27
DPT-7	DPTS-113	5/19/2016	08:40	23 - 27 <sup>D</sup>	27
DPT-8	DPTS-114	5/19/2016	09:50	4 - 8	12
DPT-8	DPTS-115	5/19/2016	10:00	8 - 12	12
DPT-9	DPTS-116	5/19/2016	12:00	0 - 1	12
DPT-9	DPTS-117	5/19/2016	12:15	4 - 8	12
DPT-9	DPTS-118	5/19/2016	12:25	8 - 12	12



LEGEND	
FENCE	---
FIRE HYDRANT	FH
NO PARKING	▬
SMOKING SHELTER	■
FORMER BUILDING LOCATION	□

Legend

Matrix Type

⊙ Soil boring sample location

Analyte Type

⊙ VOC

DPT Direct push technology  
DPTS Direct push technology soil  
ft bgs Feet below ground surface  
VOC Volatile organic compound  
D Indicates field duplicate sample

\*Sampling locations are from Occupancy Exposure Evaluation

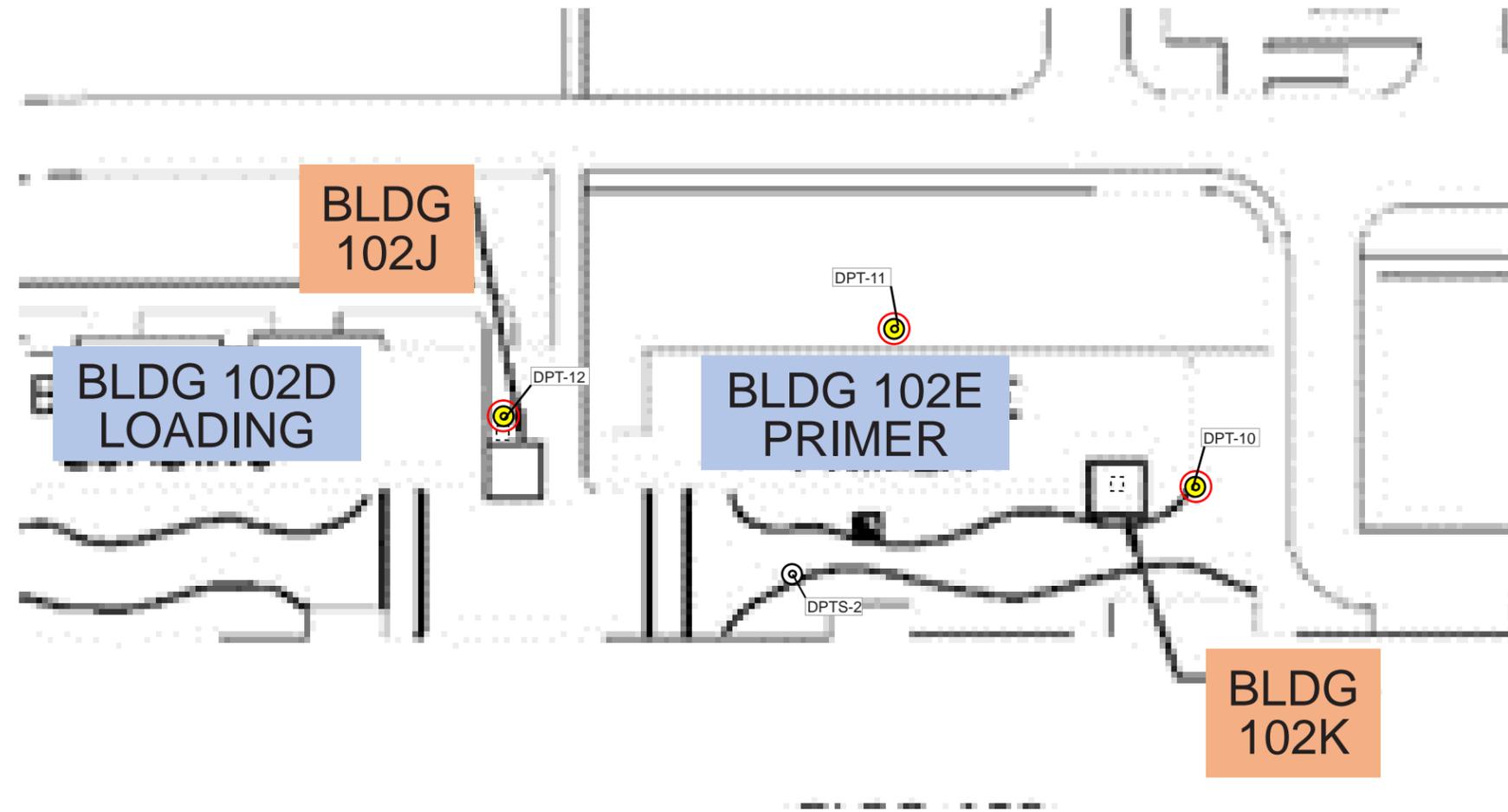
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St. Louis, Missouri

**Figure 7**  
Sample Location Map, Patton Street



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Boring ID	Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Refusal Depth (ft bgs)
DPT-10, DPT-11, DPT-12	DPTS-119	5/20/2016	08:45	0 - 1	*
DPT-10	DPTS-120	5/19/2016	14:35	4 - 8	12
DPT-10	DPTS-121	5/19/2016	14:40	8 - 12	12
DPT-11	DPTS-122	5/19/2016	16:30	4 - 8	16
DPT-11	DPTS-123	5/19/2016	16:40	12 - 16	16
DPT-12	DPTS-124	5/20/2016	07:40	4 - 8	20
DPT-12	DPTS-125	5/20/2016	07:40	4 - 8 <sup>D</sup>	20
DPT-12	DPTS-126	5/20/2016	08:00	16 - 20	20



Not to Scale

LEGEND	
FENCE	---
FIRE HYDRANT	FH
NO PARKING	■
SMOKING SHELTER	■
FORMER BUILDING LOCATION	---

- Legend
- Matrix Type**
- Soil boring sample location
- Analyte Type**
- SVOC
  - Building targeted for additional exterior sampling during the RI

- Exceedance of MRBCA Non-Res standard was for interior sample(s) only
- DPT Direct push technology
- DPTS Direct push technology soil
- D Indicates field duplicate sample
- ft bgs Feet below ground surface
- MRBCA Missouri Risk-Based Corrective Action
- RI Remedial investigation
- \* Composite Sample

\*Sampling locations are from Occupancy Exposure Evaluation

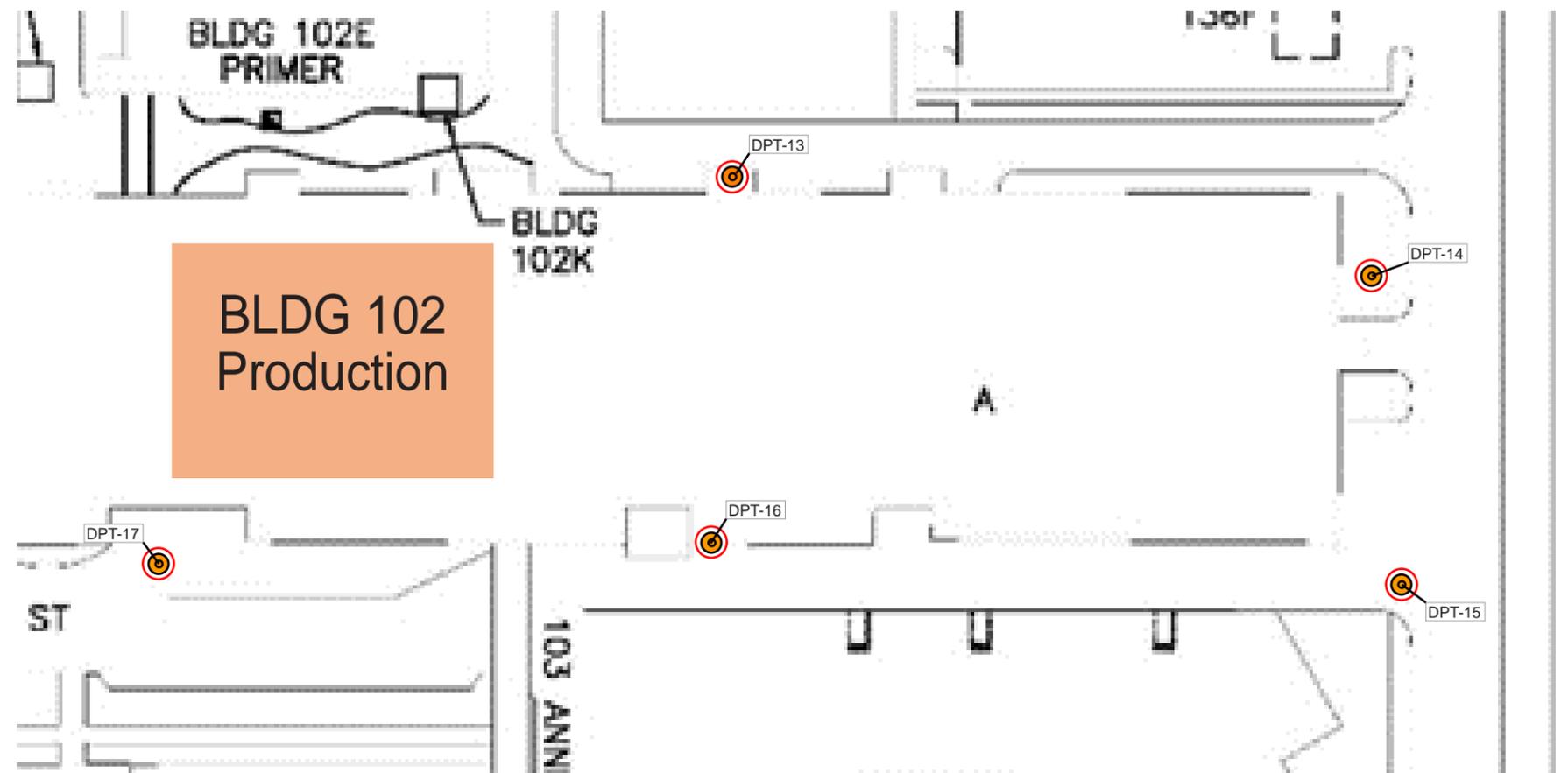
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**Figure 8**  
 Sample Location Map, Buildings 102J and 102K



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Boring ID	Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Refusal Depth (ft bgs)
DPT-13	DPTS-127	5/20/2016	08:40	0 - 1	14
DPT-13, DPT-14, DPT-15, DPT-16, DPT-17	DPTS-128	5/21/2016	15:40	0 - 1	*
DPT-13	DPTS-129	5/20/2016	09:05	4 - 8	14
DPT-13	DPTS-130	5/20/2016	09:10	10 - 14	14
DPT-14	DPTS-131	5/20/2016	10:35	4 - 8	16
DPT-14	DPTS-132	5/20/2016	10:45	12 - 16	16
DPT-15	DPTS-133	5/20/2016	14:00	0 - 1	24
DPT-15	DPTS-134	5/20/2016	14:30	4 - 8	24
DPT-15	DPTS-135	5/20/2016	14:40	20 - 24	24
DPT-16	DPTS-136	5/20/2016	16:00	4 - 8	14
DPT-16	DPTS-137	5/20/2016	16:15	10 - 14	14
DPT-17	DPTS-146	5/21/2016	15:35	0 - 1	18
DPT-17	DPTS-147	5/21/2016	16:00	4 - 8	18
DPT-17	DPTS-148	5/21/2016	16:07	14 - 18	18
DPT-17	DPTS-149	5/21/2016	16:07	14 - 18 <sup>D</sup>	18



BLDG 102  
Production



Legend

Matrix Type

Soil boring sample location

Analyte Type

SVOC, VOC

Building targeted for additional exterior sampling during the RI

DPT Direct push technology  
DPTS Direct push technology soil  
ft bgs Feet below ground surface  
RI Remedial investigation  
SVOC Semi-volatile organic compound  
VOC Volatile organic compound

<sup>D</sup> Indicates field duplicate sample  
\* Composite Sample

\*Sampling locations are from Occupancy Exposure Evaluation

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St. Louis, Missouri

**Figure 9**  
Sample Location Map, Building 102 A/B/C

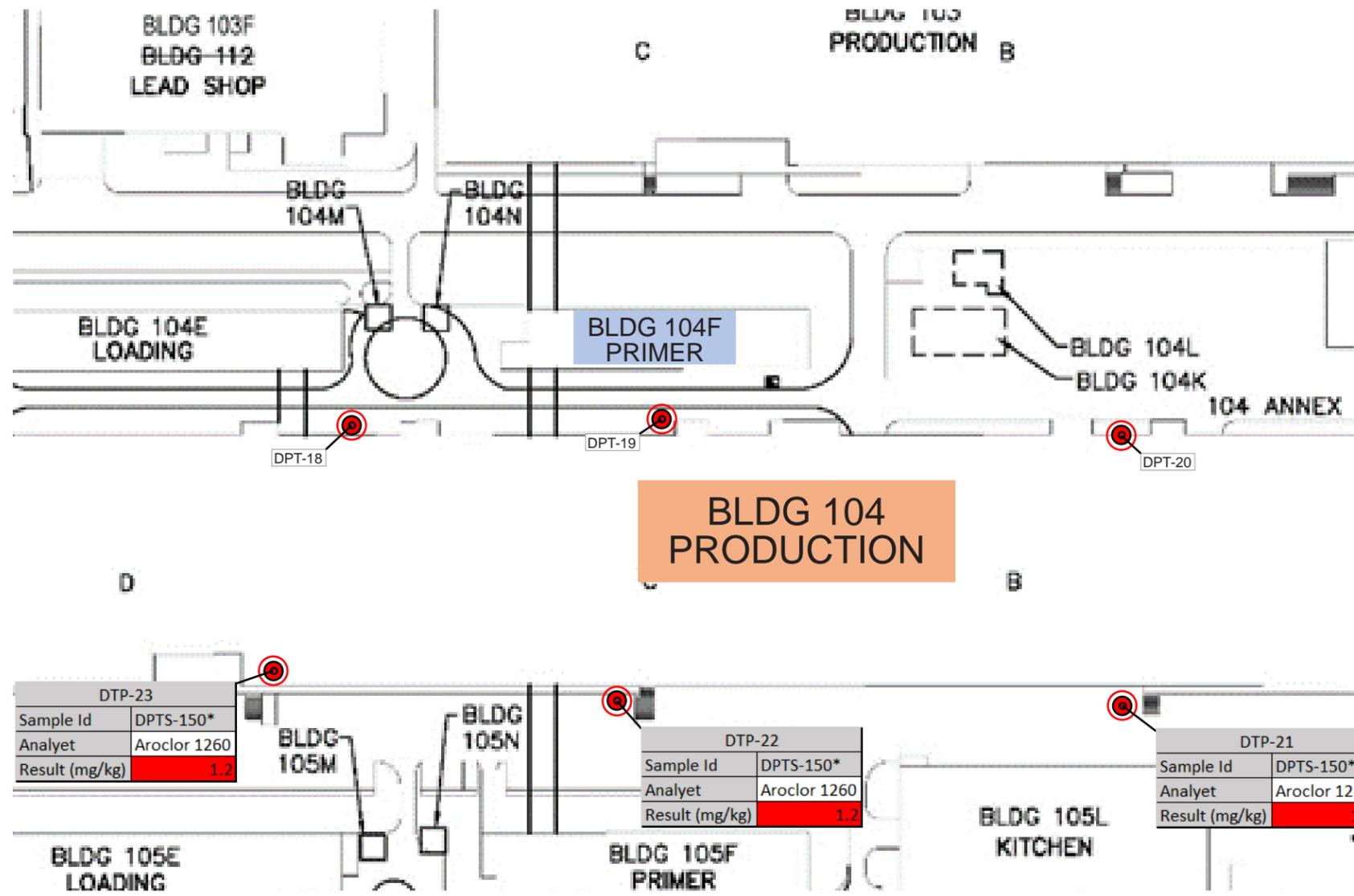
**TETRA TECH**

Date: 3/4/2016 Drawn By: Gustavo Orozco Project No: S1058.232.001

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Boring ID	Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Refusal Depth (ft bgs)
DPT-18, DPT-19, DPT-20	DPTS-138	5/21/2016	15:50	0 - 1	*
DPT-18	DPTS-139	5/21/2016	11:10	4 - 8	28
DPT-18	DPTS-140	5/21/2016	11:20	24 - 28	28
DPT-19	DPTS-141	5/21/2016	12:10	4 - 8	24
DPT-19	DPTS-142	5/21/2016	12:10	4 - 8 <sup>D</sup>	24
DPT-19	DPTS-143	5/21/2016	12:30	20 - 24	24
DPT-20	DPTS-144	5/21/2016	14:50	4 - 8	16
DPT-20	DPTS-145	5/21/2016	15:00	12 - 16	16
DPT-21, DPT-22, DPT-23	DPTS-150	5/22/2016	15:40	0 - 1	*
DPT-21	DPTS-151	5/22/2016	12:25	4 - 8	19
DPT-21	DPTS-152	5/22/2016	12:30	15 - 19	19
DPT-22	DPTS-153	5/22/2016	14:35	4 - 8	22
DPT-22	DPTS-154	5/22/2016	14:45	18 - 22	22
DPT-23	DPTS-155	5/22/2016	16:45	4 - 8	28
DPT-23	DPTS-156	5/22/2016	16:45	4 - 8 <sup>D</sup>	28
DPT-23	DPTS-157	5/22/2016	16:50	24 - 28	28

Reporting Standards
MRBCA LDTL
MRBCA RBTL <sup>3</sup> NR Soil
MRBCA RBTL <sup>3</sup> CW Soil



Legend

Matrix Type

Soil boring sample location

Analyte Type

PCB  
 Building targeted for additional exterior sampling during the RI

Exceedance of MRBCA Non-Res standard was for interior sample(s) only

CW Construction Worker  
 DPT Direct push technology  
 DPTS Direct push technology soil  
 ft bgs Feet below ground surface

LDTL MRBCA Lowest Default Target Level  
 mg/kg Milligrams per kilogram  
 MRBCA Missouri Risk-Based Corrective Action  
 NR Non-residential  
 PCB Polychlorinated biphenyl  
 RBTL MRBCA Risk-based Target Level, Soil Type 1 (Sandy)

RI Remedial investigation  
 D Indicates field duplicate sample  
 \* Composite Sample

\*Sampling locations are from Occupancy Exposure Evaluation

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 4300 Goodfellow Boulevard  
 St. Louis, Missouri

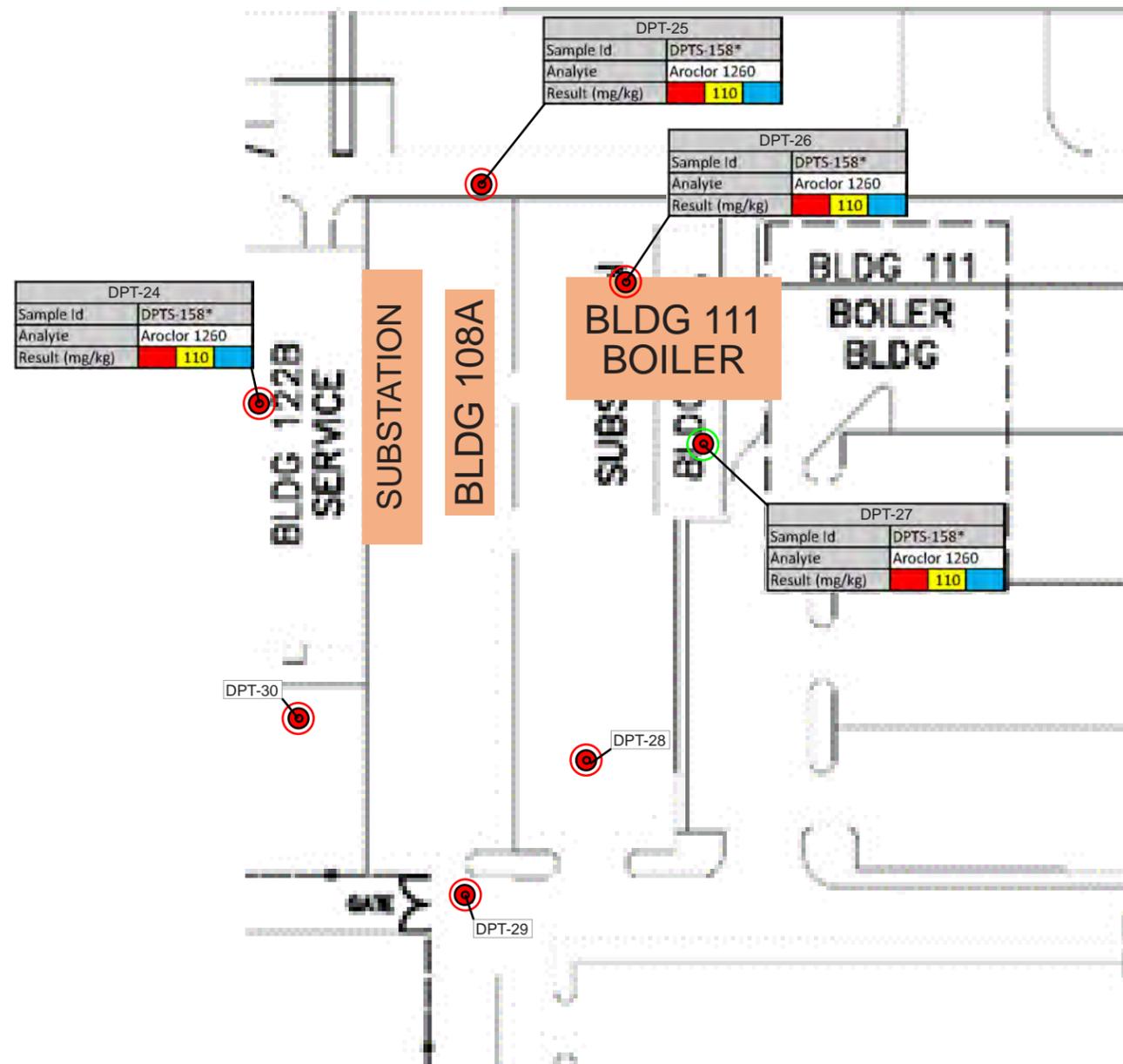
**Figure 10**  
 Sample Location Map, Buildings 104 A/B/C/D



X:\S\1058232\001\FH10081618\Figure 10.FH10

Boring ID	Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Refusal Depth (ft bgs)
DPT-24, DPT-25, DPT-26, DPT-27	DPTS-158	5/23/2016	14:45	0 - 1	*
DPT-24	DPTS-159	5/23/2016	09:05	4 - 8	32
DPT-24	DPTS-160	5/23/2016	09:10	28 - 32	32
DPT-25	DPTS-161	5/23/2016	10:40	4 - 8	27
DPT-25	DPTS-162	5/23/2016	10:50	23 - 27	27
DPT-25	DPTS-163	5/23/2016	10:50	23 - 27 <sup>D</sup>	27
DPT-26	DPTS-164	5/23/2016	13:40	4 - 8	20
DPT-26	DPTS-165	5/23/2016	13:50	16 - 20	20
DPT-27	DPTS-166	5/23/2016	15:15	1 - 3	19
DPT-27	DPTS-167	5/23/2016	15:25	4 - 8	19
DPT-27	DPTS-168	5/23/2016	15:25	4 - 8 <sup>D</sup>	19
DPTGW-101	DPT-27	5/23/2016	15:35	15 - 19	19
DPT-28, DPT-29, DPT-30	DPTS-169	5/24/2016	11:45	0 - 1	*
DPT-28	DPTS-170	5/23/2016	16:55	4 - 8	28
DPT-28	DPTS-171	5/23/2016	17:00	24 - 28	28
DPT-29	DPTS-172	5/24/2016	09:05	4 - 8	28
DPT-29	DPTS-173	5/24/2016	09:45	24 - 28	28
DPT-30	DPTS-174	5/24/2016	12:15	4 - 8	28

Reporting Standards
MRBCA LDTL
MRBCA RBTL <sup>a</sup> NR Soil
MRBCA RBTL <sup>a</sup> CW Soil



Legend

Matrix Type

- Soil boring and groundwater sample location
- Soil boring sample location

Analyte Type

- PCB
- Building targeted for additional exterior sampling during the RI

- CW Construction Worker
- DPT Direct push technology
- DPTGW Direct push technology groundwater
- DPTS Direct push technology soil
- ft bgs Feet below ground surface
- LDTL MRBCA Lowest Default Target Level
- mg/kg Milligrams per kilogram

- MRBCA Missouri Risk-Based Corrective Action
- NR Non-residential
- PCB Polychlorinated biphenyl
- RBTL MRBCA Risk-based Target Level, Soil Type 1 (Sandy)
- RI Remedial investigation
- D Indicates field duplicate sample

\* Composite Sample



LEGEND

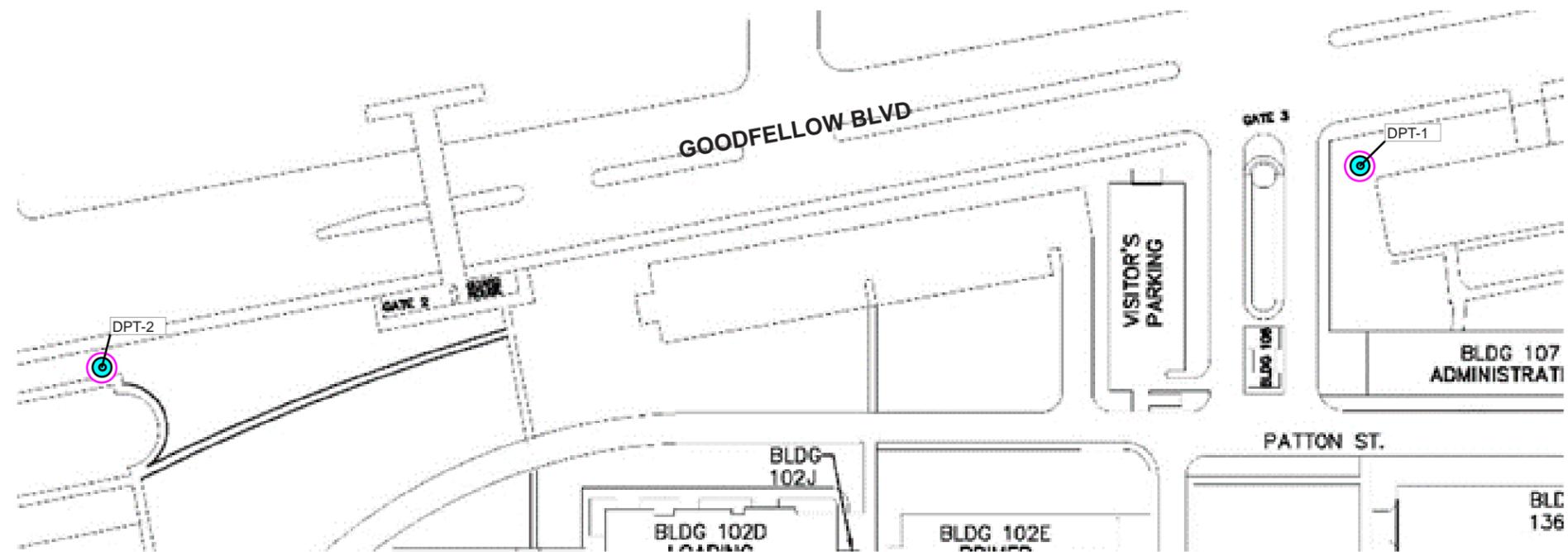
- FENCE
- FIRE HYDRANT
- NO PARKING
- SMOKING SHELTER
- FORMER BUILDING LOCATION

\*Sampling locations are from Occupancy Exposure Evaluation

Goodfellow Federal Complex  
Former St. Louis Ordnance Plant  
4300 Goodfellow Boulevard  
St. Louis, Missouri

**Figure 11**  
Sample Location Map, Buildings 108A and 111

TETRA TECH



LEGEND	
FENCE	---
FIRE HYDRANT	FH
NO PARKING	■
SMOKING SHELTER	■
FORMER BUILDING LOCATION	- - - -

Legend

Matrix Type

⊙ Proposed groundwater sample location

Analyte Type

⊙ PCB, SVOC, VOC, RCRA metals

DPT Direct push technology

PCB Polychlorinated biphenyl  
 RCRA Resource Conservation and Recovery Act  
 SVOC Semi-volatile organic compounds  
 VOC Volatile organic compounds

\*Sampling locations are from Occupancy Exposure Evaluation

Goodfellow Federal Complex  
 Former St. Louis Ordnance Plant  
 4300 Goodfellow Boulevard  
 St. Louis, Missouri

**Figure 12**  
 Sample Location Map, Background Samples



X:\S\1058232\001\FH1008161\Figures\Figure 12.FH10



**APPENDIX B**

**TABLES**



**TABLE 1**

**BUILDING HISTORICAL AND CURRENT USE**

<b>Building</b>	<b>Historical Use</b>	<b>Current Use</b>	<b>Construction</b>	<b>Renovation</b>
101	Administrative building for St. Louis Ordnance Plant (SLOP) Plant No. 1; Thurgood Marshall Academy (charter school)	<b>(b) (7)(F)</b>	Two-story, structural steel columns, cast-in-place concrete floors, masonry exterior walls, flat tar and rock roof system, full basement, partial sub-basement	Rehabilitation (1990s), lead abatement (2000)
102 A/B/C	SLOP production of 0.30 caliber ammunition, including brass cartridge annealing and shaping, powder and primer packaging, lead core insertion, and sorting, packaging, and shipping		Two-story structure, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, three freight elevators	Modernization (1971), renovation (1973), toilet renovation (1978), space alterations (1980, 1981), floor replacement (1982), dock and bridge (1984), carpet tile replacement (1985), electrical improvements (1991); currently decommissioned
102 D	SLOP powder packing; warehouse; Department of Defense photo processing (1st floor); office space (2nd floor)		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, one freight elevator servicing the main floor levels	Renovated (1981)
102 E	SLOP primer packing; warehouse; office space		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, one freight elevator servicing the main floor levels	Completely renovated (2007-2008)
Former 102 F/G/H	SLOP powder canning and storage, inside blast proof bunkers (F/H) or south of the production buildings (G)		Removed in 1980; cast-in-place concrete barricade structure (H) surrounding two small (~400-square-foot [ft <sup>2</sup> ]) wood frame buildings (F/G)	N/A

**TABLE 1 (Continued)**

**BUILDING HISTORICAL AND CURRENT USE**

<b>Building</b>	<b>Historical Use</b>	<b>Current Use</b>	<b>Construction</b>	<b>Renovation</b>
Former 102 J/K	SLOP lubricating oil storage	<b>(b) (7)(F)</b>	Removed sometime after World War II; one-story, small (~150 ft <sup>2</sup> ), masonry	N/A
103 A/B/C	SLOP brass cartridge annealing and shaping, powder and primer packaging, lead core insertion, and sorting, packaging, and shipping; warehouse; office space		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, three freight elevators servicing the main floor levels, backup generator fueled by three diesel fuel underground storage tanks (UST)	Renovated (1995-1999), USDA-FSA (2005), DISA carpet and paint (2010), lay concrete path in crawlspace for utility workers (2010), General Services Administration (GSA)-Public Buildings Service (PBS) first floor scheduled for renovation
103 D	SLOP powder packing; warehouse; office space		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, one freight elevator servicing the main floor levels	Renovated (1981-1982); no current renovation plans
103 E	SLOP primer packing		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, one freight elevator servicing the main floor levels	Renovated (1981); no current renovation plans
103 F (former 112)	SLOP lead core processing (melting, shaping, forming) through at least February 1957		One-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, unfinished basement level	Renovated (2002, 2004); dining room scheduled (2011)
Former 103 F/G/H	SLOP powder canning and storage, inside blast proof bunkers (F/H) or south of the production buildings (G); storage		Removed in 1980; cast-in-place concrete barricade structure (H) surrounding two small (~400 ft <sup>2</sup> ) wood frame buildings (F/G)	N/A

**TABLE 1 (Continued)**

**BUILDING HISTORICAL AND CURRENT USE**

<b>Building</b>	<b>Historical Use</b>	<b>Current Use</b>	<b>Construction</b>	<b>Renovation</b>
Former 103 J/K	SLOP lubricating oil storage	<b>(b) (7)(F)</b>	Removed sometime after World War II; one-story, small (~150 ft <sup>2</sup> ), masonry	N/A
104 A/B/C/D	SLOP brass cartridge annealing and shaping, powder and primer packaging, lead core insertion, and sorting, packaging, and shipping; warehouse; office space		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, four freight elevators servicing the main floor levels	Veterans Administration (VA) (1990), USDA-Rural Development (RD) (2002, 2006); completely renovated within last 5 years
104 E	SLOP powder packing; warehouse; Uncle Sam's Kids daycare; office space		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, one freight elevator servicing the main floor levels	USDA-FSA (1995), VA (1990, 2010); part of first floor (vacant daycare) abated and renovated for VA
104 F	SLOP primer packing; warehouse; office space		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, one freight elevator servicing the main floor levels	USDA-OIG (1996), OSDA-OCIO (2009); renovation scheduled for common spaces and stairwells
Former 104 G/H/J	SLOP powder canning and storage, inside blast proof bunkers (G/J) or south of the production buildings (H)		Removed in 1980; cast-in-place concrete barricade structure (H) surrounding two small (~400 ft <sup>2</sup> ) wood frame buildings (F/G)	N/A
Former 104 K	SLOP water softener plant servicing Plant No. 1; salt storage; equipment room; general storage		Removed in 1980; Free-standing, ~2,000 ft <sup>2</sup> , basement level	N/A

**TABLE 1 (Continued)**

**BUILDING HISTORICAL AND CURRENT USE**

<b>Building</b>	<b>Historical Use</b>	<b>Current Use</b>	<b>Construction</b>	<b>Renovation</b>
Former 104 L	SLOP chemical storage building servicing Plant No. 1; basement tank storage (aboveground storage tank [AST]) for acids and caustics; truck and work rooms; general storage	(b) (7)(F)	Removed in 1980; Free-standing, ~1,000 ft <sup>2</sup> , basement level, adjacent rail spur	N/A
Former 104 M/N	SLOP lubricating oil storage		Removed sometime after World War II; one-story, small (~150 ft <sup>2</sup> ), masonry	N/A
105 A/B/C/D	SLOP brass cartridge annealing and shaping, powder and primer packaging, lead core insertion, and sorting, packaging, and shipping; basement small arms firing range; warehouse; office space		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, four freight elevators servicing the main floor levels	USDA-RD (2002-2006), USDA-Food Safety and Inspection Service (2009-2010); completely renovated in last 5 years
105 E	SLOP powder packing; warehouse; office space		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, one freight elevator servicing the main floor levels	Army Audit Agency (1996), USDA-RD (2009); no current renovation plans
105 F	SLOP primer packing; warehouse; kitchen/cafeteria		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, utility crawlspace level, one freight elevator servicing the main floor levels	USDA-RD and snack shop (2009); no current renovation plans
Former 105 G/H/J	SLOP powder canning and storage, inside blast proof bunkers (G/J) or south of the production buildings (H); general storage		Removed in 1980; cast-in-place concrete barricade structure (H) surrounding two small (~400 ft <sup>2</sup> ) wood frame buildings (F/G)	N/A

**TABLE 1 (Continued)**

**BUILDING HISTORICAL AND CURRENT USE**

<b>Building</b>	<b>Historical Use</b>	<b>Current Use</b>	<b>Construction</b>	<b>Renovation</b>
105 L	SLOP warehouse and kitchen for Plant No. 1; storage	(b) (7)(F)	One-story, structural steel columns, cast-in-place concrete floors, masonry walls, arched tar and rubber membrane roof system, no basement or utility crawlspace level	Fire destroyed warehouse on north half (1964); renovated (1970); upgraded (2010-2012)
Former 105 M/N	SLOP lubricating oil storage		Removed sometime after World War II; one-story, small (~150 ft <sup>2</sup> ), masonry	N/A
106	Guard shack		One-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, more recent construction than other facility buildings, no basement or utility crawlspace level	No renovation records or plans
107	SLOP personnel building during Plant No. 1 operation; office space		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, partial basement and a utility crawlspace	Building (1979), entry (1981), elevator and lobby (1982), first floor (2011)
108 A	South electrical substation		One-story, structural steel columns, cast-in-place concrete floor, masonry walls, flat tar and rock roof system, utility crawlspace level accessible by a series of man ways set into the main floor slab	Renovated (1995), transformer repaired (2001); no current renovation plans
108 B	North electrical substation		One-story, structural steel columns, cast-in-place concrete floor, masonry walls, flat tar and rock roof system, utility crawlspace level accessible by a series of man ways set into the main floor slab	Renovated (2005); no current renovation plans

**TABLE 1 (Continued)**

**BUILDING HISTORICAL AND CURRENT USE**

<b>Building</b>	<b>Historical Use</b>	<b>Current Use</b>	<b>Construction</b>	<b>Renovation</b>
110	SLOP tool and gauge shop (forge shop, production, oil extraction, oil/battery/chemical storage); warehouse; office space	<b>(b) (7)(F)</b>	Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, and a flat tar and rock roof system, full basement level, two freight elevators servicing all floors	Renovated (2010)
Former 111	SLOP boiler house for Plant No. 1		Removed in the 1970s; operated using natural gas	N/A
115	SLOP truck garage for Plant No. 1; former fueling area north of building		One-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, small basement level mechanical equipment room and utility crawlspace; fuel pump island and USTs reportedly removed and covered by asphalt	Renovated (1988)
122 B	SLOP service building for Plant No. 1; maintenance area for building and grounds crews		Two-story, structural steel columns, cast-in-place concrete floors, masonry walls, flat tar and rock roof system, small basement level mechanical equipment room and utility crawlspace (east end), open work bay area with two large overhead doors (west end)	No renovation records or plans
Former 136 A/B/E/F	SLOP fire equipment storage buildings during operation of Plant No. 1		Demolished in 1970s; free-standing, ~400 ft <sup>2</sup> each	N/A
Former 137 A	SLOP building and grounds workshop during operation of Plant No. 1		Demolished in 1970s; free-standing, ~400 ft <sup>2</sup>	N/A
141 C	SLOP pump house and mechanical equipment for Plant No. 1		Free-standing, ~400 ft <sup>2</sup>	None noted

TABLE 2

## SOIL AND GROUNDWATER SAMPLE COLLECTION INFORMATION

Building	Sample Location	Sample Matrix	Sample ID	Boring ID	Sample Depth (ft bgs)	Refusal Depth (ft bgs)	Requested Analyses
107	Perimeter	Soil	DPTS-101	DPT-3, DPT-4, DPT-5, DPT-6	0-1	<sup>b</sup>	PCBs
107	Perimeter	Soil	DPTS-102	DPT-3	4-8	27.5	PCBs
107	Perimeter	Soil	DPTS-103	DPT-3	23.5-27.5	27.5	PCBs
107	Perimeter	Soil	DPTS-104	DPT-4	4-8	19	PCBs
107	Perimeter	Soil	DPTS-105	DPT-4	15-19	19	PCBs
107	Perimeter	Soil	DPTS-106	DPT-5	4-8	16	PCBs
107	Perimeter	Soil	DPTS-107	DPT-5	12-16	16	PCBs
107	Perimeter	Soil	DPTS-108	DPT-6	4-8	23	PCBs
107	Perimeter	Soil	DPTS-109	DPT-6	19-23	23	PCBs
136F	Upgradient; Along Patton Street	Soil	DPTS-110	DPT-7	0-1	27	VOCs
136F	Upgradient; Along Patton Street	Soil	DPTS-111	DPT-7	4-8	27	VOCs
136F	Upgradient; Along Patton Street	Soil	DPTS-112	DPT-7	23-27	27	VOCs
136F	Upgradient; Along Patton Street	Soil	DPTS-113	DPT-7	23-27 <sup>a</sup>	27	VOCs
136F	Upgradient; Along Patton Street	Soil	DPTS-114	DPT-8	4-8	12	VOCs
136F	Upgradient; Along Patton Street	Soil	DPTS-115	DPT-8	8-12	12	VOCs
136F	Upgradient; Along Patton Street	Soil	DPTS-116	DPT-9	0-1	12	VOCs
136F	Upgradient; Along Patton Street	Soil	DPTS-117	DPT-9	4-8	12	VOCs
136F	Upgradient; Along Patton Street	Soil	DPTS-118	DPT-9	8-12	12	VOCs
102K, 102E, 102J	Perimeter	Soil	DPTS-119	DPT-10, DPT-11, DPT-12	0-1	<sup>b</sup>	SVOCs
102K	Perimeter	Soil	DPTS-120	DPT-10	4-8	12	SVOCs
102K	Perimeter	Soil	DPTS-121	DPT-10	8-12	12	SVOCs
102E	Perimeter	Soil	DPTS-122	DPT-11	4-8	16	SVOCs
102E	Perimeter	Soil	DPTS-123	DPT-11	12-16	16	SVOCs
102J	Perimeter	Soil	DPTS-124	DPT-12	4-8	20	SVOCs
102J	Perimeter	Soil	DPTS-125	DPT-12	4-8 <sup>a</sup>	20	SVOCs
102J	Perimeter	Soil	DPTS-126	DPT-12	16-20	20	SVOCs
102 A/B/C	Perimeter	Soil	DPTS-127	DPT-13	0-1	14	VOCs
102 A/B/C	Perimeter	Soil	DPTS-128	DPT-13, DPT-14, DPT-15, DPT-16, DPT-17	0-1	<sup>b</sup>	SVOCs
102 A/B/C	Perimeter	Soil	DPTS-129	DPT-13	4-8	14	SVOCs, VOCs
102 A/B/C	Perimeter	Soil	DPTS-130	DPT-13	10-14	14	SVOCs, VOCs
102 A/B/C	Perimeter	Soil	DPTS-131	DPT-14	4-8	16	SVOCs, VOCs

**TABLE 2 (Continued)**

**SOIL AND GROUNDWATER SAMPLE COLLECTION INFORMATION**

<b>Building</b>	<b>Sample Location</b>	<b>Sample Matrix</b>	<b>Sample ID</b>	<b>Boring ID</b>	<b>Sample Depth (ft bgs)</b>	<b>Refusal Depth (ft bgs)</b>	<b>Requested Analyses</b>
102 A/B/C	Perimeter	Soil	DPTS-132	DPT-14	12-16	16	SVOCs, VOCs
102 A/B/C	Perimeter	Soil	DPTS-133	DPT-15	0-1	24	VOCs
102 A/B/C	Perimeter	Soil	DPTS-134	DPT-15	4-8	24	SVOCs, VOCs
102 A/B/C	Perimeter	Soil	DPTS-135	DPT-15	20-24	24	SVOCs, VOCs
102 A/B/C	Perimeter	Soil	DPTS-136	DPT-16	4-8	14	SVOCs, VOCs
102 A/B/C	Perimeter	Soil	DPTS-137	DPT-16	10-14	14	SVOCs, VOCs
104 A/B/C/D	Perimeter	Soil	DPTS-138	DPT-18, DPT-19, DPT-20	0-1	<sup>b</sup>	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-139	DPT-18	4-8	28	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-140	DPT-18	24-28	28	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-141	DPT-19	4-8	24	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-142	DPT-19	4-8 <sup>a</sup>	24	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-143	DPT-19	20-24	24	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-144	DPT-20	4-8	16	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-145	DPT-20	12-16	16	PCBs
102 A/B/C	Perimeter	Soil	DPTS-146	DPT-17	0-1	18	VOCs
102 A/B/C	Perimeter	Soil	DPTS-147	DPT-17	4-8	18	SVOCs, VOCs
102 A/B/C	Perimeter	Soil	DPTS-148	DPT-17	14-18	18	SVOCs, VOCs
102 A/B/C	Perimeter	Soil	DPTS-149	DPT-17	14-18 <sup>a</sup>	18	SVOCs, VOCs
104 A/B/C/D	Perimeter	Soil	DPTS-150	DPT-21, DPT-22, DPT-23	0-1	<sup>b</sup>	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-151	DPT-21	4-8	19	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-152	DPT-21	15-19	19	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-153	DPT-22	4-8	22	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-154	DPT-22	18-22	22	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-155	DPT-23	4-8	28	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-156	DPT-23	4-8 <sup>a</sup>	28	PCBs
104 A/B/C/D	Perimeter	Soil	DPTS-157	DPT-23	24-28	28	PCBs
108A, 111	NA	Soil	DPTS-158	DPT-24, DPT-25, DPT-26, DPT-27	0-1	<sup>b</sup>	PCBs
108A, 111	Upgradient	Soil	DPTS-159	DPT-24	4-8	32	PCBs
108A, 111	Upgradient	Soil	DPTS-160	DPT-24	28-32	32	PCBs
108A, 111	Upgradient	Soil	DPTS-161	DPT-25	4-8	27	PCBs
108A, 111	Upgradient	Soil	DPTS-162	DPT-25	23-27	27	PCBs
108A, 111	Upgradient	Soil	DPTS-163	DPT-25	23-27 <sup>a</sup>	27	PCBs
111	Footprint	Soil	DPTS-164	DPT-26	4-8	20	PCBs
111	Footprint	Soil	DPTS-165	DPT-26	16-20	20	PCBs
111	Footprint	Soil	DPTS-166	DPT-27	1-3	19	PCBs
111	Footprint	Soil	DPTS-167	DPT-27	4-8	19	PCBs
111	Footprint	Soil	DPTS-168	DPT-27	4-8 <sup>a</sup>	19	PCBs
111	Footprint	Groundwater	DPTGW-101	DPT-27	15-19	19	PCBs



**TABLE 2 (Continued)**

**SOIL AND GROUNDWATER SAMPLE COLLECTION INFORMATION**

<b>Building</b>	<b>Sample Location</b>	<b>Sample Matrix</b>	<b>Sample ID</b>	<b>Boring ID</b>	<b>Sample Depth (ft bgs)</b>	<b>Refusal Depth (ft bgs)</b>	<b>Requested Analyses</b>
108A, 111	Downgradient	Soil	DPTS-169	DPT-28, DPT-29, DPT-30	0-1	<sup>b</sup>	PCBs
108A, 111	Downgradient	Soil	DPTS-170	DPT-28	4-8	28	PCBs
108A, 111	Downgradient	Soil	DPTS-171	DPT-28	24-28	28	PCBs
108A, 111	Downgradient	Soil	DPTS-172	DPT-29	4-8	28	PCBs
108A, 111	Downgradient	Soil	DPTS-173	DPT-29	24-28	28	PCBs
108A, 111	Downgradient	Soil	DPTS-174	DPT-30	4-8	28	PCBs

Notes:

<sup>a</sup> Indicates field duplicate sample

<sup>b</sup> Indicates composite surface soil sample collected from multiple borings

bgs            Below ground surface  
 ID            Identification  
 DPT          Direct-push technology  
 DPTGW      Direct-push technology groundwater sample  
 DPTS        Direct-push technology soil sample  
 ft            Feet  
 PCB         Polychlorinated biphenyl  
 SVOC        Semivolatile organic compound  
 VOC         Volatile organic compound

TABLE 3

SOIL SAMPLE RESULTS SUMMARY, BUILDING 107

Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Analytes and Results (mg/kg)						
				PCBs						
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
			MRBCA LDTL	3.86	0.0975	NE	0.0557	1.08	1.10	1.11
			MRBCA RBTL <sup>1</sup> NR Soil	36.3	6.94	NE	6.94	7.03	7.18	7.34
			MRBCA RBTL <sup>1</sup> CW Soil	62.5	4.16	NE	7.15	13.6	16.3	20.4
DPTS-101	5/18/2016	16:38	0-1	ND	ND	ND	ND	ND	ND	ND
DPTS-102	5/18/2016	13:20	4-8	ND	ND	ND	ND	ND	ND	ND
DPTS-103	5/18/2016	13:25	23.5-27.5	ND	ND	ND	ND	ND	ND	ND
DPTS-104	5/18/2016	14:40	4-8	ND	ND	ND	ND	ND	ND	ND
DPTS-105	5/18/2016	14:48	15-19	ND	ND	ND	ND	ND	ND	ND
DPTS-106	5/18/2016	15:45	4-8	ND	ND	ND	ND	ND	ND	ND
DPTS-107	5/18/2016	15:50	12-16	ND	ND	ND	ND	ND	ND	ND
DPTS-108	5/18/2016	17:00	4-8	ND	ND	ND	ND	ND	ND	ND
DPTS-109	5/18/2016	17:05	19-23	ND	ND	ND	ND	ND	ND	ND

Notes:

<sup>1</sup> The most conservative non-residential or construction worker MRBCA RBTL for soil was selected for comparison.

Colored highlighted value indicates exceedance of benchmark(s) associated with that/those color(s).

- CW Construction worker
- DPTS Direct-push technology soil sample
- ID Identification
- LDTL MRBCA Lowest Default Target Level
- mg/kg Milligrams per kilogram
- MDNR Missouri Department of Natural Resources
- MRBCA MDNR Risk-based Corrective Action
- ND Non-detectable
- NE Not established
- NR Non-residential
- PCB Polychlorinated biphenyl
- RBTL MRBCA Risk-based Target Level, Soil Type 1 (Sandy)

**TABLE 4**

**SOIL SAMPLE RESULTS SUMMARY, BUILDING 136F**

Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Analytes and Results (mg/kg)	
				VOCs	
				MRBCA LDTL	Acetone
				MRBCA LDTL	4.20
				MRBCA RBTL <sup>1</sup> NR Soil	14,700
				MRBCA RBTL <sup>1</sup> CW Soil	208,000
DPTS-110	5/19/2016	07:50	0-1		0.065
DPTS-111	5/19/2016	08:25	4-8		ND
DPTS-112	5/19/2016	08:35	23-27		ND
DPTS-113	5/19/2016	08:40	23-27		ND
DPTS-114	5/19/2016	09:50	4-8		ND
DPTS-115	5/19/2016	10:00	8-12		ND
DPTS-116	5/19/2016	12:00	0-1		0.044
DPTS-117	5/19/2016	12:15	4-8		ND
DPTS-118	5/19/2016	12:25	8-12		ND

Notes:

<sup>1</sup> The most conservative non-residential or construction worker MRBCA RBTL for soil was selected for comparison.

Colored highlighted value indicates exceedance of benchmark(s) associated with that/those color(s).

- CW Construction worker
- DPTS Direct-push technology soil sample
- ID Identification
- LDTL MRBCA Lowest Default Target Level
- mg/kg Milligrams per kilogram
- MDNR Missouri Department of Natural Resources
- MRBCA MDNR Risk-based Corrective Action
- ND Non-detectable
- NE Not established
- NR Non-residential
- RBTL MRBCA Risk-based Target Level, Soil Type 1 (Sandy)
- VOC Volatile organic compound

TABLE 5

SOIL SAMPLE RESULTS SUMMARY, BUILDINGS 102 J AND 102 K

				Analytes and Results (mg/kg)																		
				SVOCs																		
Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	MRBCA LDTL	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Butyl benzyl phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Diethyl phthalate	Di-n-butyl phthalate	Fluoranthene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
				MRBCA LDTL	3,060	6.12	0.620	6.19	1,720	62.0	347	12,200	NE	13.3	599	0.620	524	5,460	2,228	3.77	158	1,500
				MRBCA RBTL <sup>1</sup> NR Soil	154,000	21.1	2.11	21.0	16,500	211	1,230	12,3000	NE	858	1,990	2.11	493,000	61,600	21,800	12.8	26,900	16,400
				MRBCA RBTL <sup>1</sup> CW Soil	135,000	1,190	119	1,140	37,200	11,900	28,500	285,000	NE	49,600	65,700	119	1,140,000	143,000	43,800	724	24,200	33,700
DPTS-119	5/20/2016	08:45	0-1		0.0017 J	0.017	0.018	0.023	0.014	0.014	0.15	ND	0.0029 J	0.0021 J	0.024	0.0030 J	ND	ND	0.036	0.016	0.013	0.033
DPTS-120	5/19/2016	14:35	4-8		ND	0.0045 J	ND	ND	ND	ND	ND	ND	ND	ND	0.0045 J	ND	ND	ND	0.0082	ND	0.0045 J	0.0069 J
DPTS-121	5/19/2016	14:40	8-12		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DPTS-122	5/19/2016	16:30	4-8		ND	ND	ND	ND	ND	ND	0.0085	ND	0.010	ND	ND	ND	ND	0.011	ND	ND	ND	ND
DPTS-123	5/19/2016	16:40	12-16		ND	ND	ND	ND	ND	ND	0.0056 J	ND	0.0041 J	ND	ND	ND	ND	0.0058 J	ND	ND	ND	ND
DPTS-124	5/20/2016	07:40	4-8		ND	0.0040 J	0.0085	0.013	0.037	0.0070	0.0057	0.0030	ND	ND	0.011	0.0038 J	ND	0.0068	0.0052	0.011	ND	0.0050
DPTS-125	5/20/2016	07:40	4-8		0.0021	0.0067	0.0069	0.0085	0.0086	0.0038 J	0.010	ND	0.012	ND	0.0082	ND	0.0021 J	0.012	0.014	0.0070	0.0084	0.014
DPTS-126	5/20/2016	08:00	16-20		ND	ND	ND	0.0084	0.0027 J	0.0027 J	0.011	0.0070 J	0.011	ND	0.0077	ND	0.0023 J	0.011	0.0039	0.0026	ND	0.0035

Notes:

<sup>1</sup> The most conservative non-residential or construction worker MRBCA RBTL for soil was selected for comparison.

Colored highlighted value indicates exceedance of benchmark(s) associated with that/those color(s).

- CW Construction worker
- DPTS Direct-push technology soil sample
- ID Identification
- J Analyte detected below quantitation limit
- LDTL MRBCA Lowest Default Target Level
- mg/kg Milligrams per kilogram
- MDNR Missouri Department of Natural Resources
- MRBCA MDNR Risk-based Corrective Action
- ND Non-detectable
- NE Not established
- NR Non-residential
- RBTL MRBCA Risk-based Target Level, Soil Type 1 (Sandy)
- VOC Volatile organic compound

TABLE 6

SOIL SAMPLE RESULTS SUMMARY, BUILDING 102 A/B/C

				Analytes and Results (mg/kg)														
				SVOCs														
Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	1,1'-Biphenyl	2-Methylnaphthalene	3&4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzaldehyde	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Butyl benzyl phthalate	Caprolactam
			MRBCA LDTL	30.7	7.55	0.640	174	175	3,060	6.12	NE	0.620	6.19	1,720	62.0	347	12,200	NE
			MRBCA RBTL <sup>1</sup> NR Soil	35,300	3,590	2,840	30,700	53,800	154,000	21.1	NE	2.11	21.0	16,500	211	1,230	12,3000	NE
			MRBCA RBTL <sup>1</sup> CW Soil	11,600	926	1,970	25,700	35,000	135,000	1,190	NE	119	1,140	37,200	11,900	28,500	285,000	NE
DPTS-127	5/20/2016	08:40	0-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPTS-128	5/21/2016	15:40	0-1	ND	ND	ND	0.013	0.0030 J	0.048	0.21	0.013	0.22	0.34	0.16	0.12	0.020	0.0063 J	0.021
DPTS-129	5/20/2016	09:05	4-8	ND	ND	ND	ND	ND	ND	0.0033 J	ND	0.0036 J	0.0063	0.0047	0.0024 J	0.011	ND	0.014
DPTS-130	5/20/2016	09:10	10-14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0062 J	0.0050 J	0.0068 J
DPTS-131	5/20/2016	10:35	4-8	0.015	0.048	0.0035	0.20	0.0047	0.46	0.66	0.0042 J	0.57	0.66	0.38	0.27	0.016	0.0027 J	0.022
DPTS-132	5/20/2016	10:45	12-16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0091	0.0085	0.0063 J
DPTS-133	5/20/2016	14:00	0-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPTS-134	5/20/2016	14:30	4-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	0.0031 J	0.015
DPTS-135	5/20/2016	14:40	20-24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011	0.0027 J	0.018
DPTS-136	5/20/2016	16:00	4-8	ND	ND	ND	ND	ND	0.0052	0.037	ND	0.042	0.065	0.035	0.069	0.039	0.0048 J	0.011
DPTS-137	5/20/2016	16:15	10-14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	0.0053 J	ND
DPTS-146	5/21/2016	15:35	0-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPTS-147	5/21/2016	16:00	4-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0094	0.0026 J	0.011
DPTS-148	5/21/2016	16:07	14-18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011	0.0067 J	0.018
DPTS-149	5/21/2016	16:07	14-18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0073 J	0.0057 J	0.0027 J

TABLE 6 (Continued)

SOIL SAMPLE RESULTS SUMMARY, BUILDING 102 A/B/C

				Analytes and Results (mg/kg)													
				SVOCs													VOCs
Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl phthalate	Di-n-butyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Phenol	Pyrene	Acetone
			MRBCA LDTL	13.3	599	0.620	6.56	524	5,460	2,228	211	3.77	0.325	158	25.6	1,500	4.20
			MRBCA RBTL <sup>1</sup> NR Soil	858	1,990	2.11	1,790	493,000	61,600	21,800	20,700	12.8	2,840	26,900	128,000	16,400	14,700
			MRBCA RBTL <sup>1</sup> CW Soil	49,600	65,700	119	835	1,140,000	143,000	43,800	27,500	724	215	24,200	34,100	33,700	208,000
DPTS-127	5/20/2016	08:40	0-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.081
DPTS-128	5/21/2016	15:40	0-1	0.038	0.26	0.036	0.0054	0.0022 J	0.013	0.53	0.013	0.21	ND	0.24	0.0022	0.42	NA
DPTS-129	5/20/2016	09:05	4-8	ND	0.0035 J	ND	ND	0.0026	0.014	0.0055	ND	0.0043	ND	0.0025	ND	0.0049	ND
DPTS-130	5/20/2016	09:10	10-14	ND	ND	ND	ND	ND	0.0069 J	ND	ND	ND	ND	ND	ND	ND	ND
DPTS-131	5/20/2016	10:35	4-8	0.22	0.64	0.085	0.13	0.0033 J	0.014	2.0	0.16	0.40	0.082	1.8	0.0024 J	1.7	0.027
DPTS-132	5/20/2016	10:45	12-16	ND	ND	ND	ND	ND	0.012	ND	ND	ND	ND	ND	ND	ND	ND
DPTS-133	5/20/2016	14:00	0-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.065
DPTS-134	5/20/2016	14:30	4-8	ND	ND	ND	ND	0.0031 J	0.013	ND	ND	ND	ND	ND	ND	ND	0.025
DPTS-135	5/20/2016	14:40	20-24	ND	ND	ND	ND	0.0031 J	0.013	ND	ND	ND	ND	ND	0.0022 J	ND	ND
DPTS-136	5/20/2016	16:00	4-8	0.0039 J	0.045	0.0077	ND	0.0024 J	0.014	0.079	ND	0.039	ND	0.027	ND	0.067	ND
DPTS-137	5/20/2016	16:15	10-14	ND	ND	ND	ND	0.0019 J	0.012	ND	ND	ND	ND	ND	ND	ND	ND
DPTS-146	5/21/2016	15:35	0-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPTS-147	5/21/2016	16:00	4-8	ND	ND	ND	ND	0.0023 J	0.012	ND	ND	ND	ND	ND	ND	ND	ND
DPTS-148	5/21/2016	16:07	14-18	ND	ND	ND	ND	0.0026 J	0.012	ND	ND	ND	ND	ND	ND	ND	ND
DPTS-149	5/21/2016	16:07	14-18	ND	ND	ND	ND	ND	0.0078	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

<sup>1</sup> The most conservative non-residential or construction worker MRBCA RBTL for soil was selected for comparison.

Colored highlighted value indicates exceedance of benchmark(s) associated with that/those color(s).

- CW Construction worker
- DPTS Direct-push technology soil sample
- ID Identification
- J Analyte detected below quantitation limit
- LDTL MRBCA Lowest Default Target Level
- mg/kg Milligrams per kilogram
- MDNR Missouri Department of Natural Resources
- MRBCA MDNR Risk-based Corrective Action
- NA Not analyzed
- ND Non-detectable
- NE Not established
- NR Non-residential
- RBTL MRBCA Risk-based Target Level, Soil Type 1 (Sandy)
- SVOC Semivolatile organic compound
- VOC Volatile organic compound

TABLE 7

## SOIL SAMPLE RESULTS SUMMARY, BUILDING 104 A/B/C/D

Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	MRBCA LDTL	Analytes and Results (mg/kg)						
					PCBs						
					Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
				MRBCA RBTL <sup>1</sup> NR Soil	36.3	6.94	NE	6.94	7.03	7.18	7.34
				MRBCA RBTL <sup>1</sup> CW Soil	62.5	4.16	NE	7.15	13.6	16.3	20.4
DPTS-138	5/21/2016	15:50	0-1		ND	ND	ND	ND	ND	ND	ND
DPTS-139	5/21/2016	11:10	4-8		ND	ND	ND	ND	ND	ND	ND
DPTS-140	5/21/2016	11:20	24-28		ND	ND	ND	ND	ND	ND	ND
DPTS-141	5/21/2016	12:10	4-8		ND	ND	ND	ND	ND	ND	ND
DPTS-142	5/21/2016	12:10	4-8		ND	ND	ND	ND	ND	ND	ND
DPTS-143	5/21/2016	12:30	20-24		ND	ND	ND	ND	ND	ND	ND
DPTS-144	5/21/2016	14:50	4-8		ND	ND	ND	ND	ND	ND	0.024
DPTS-145	5/21/2016	15:00	12-16		ND	ND	ND	ND	ND	ND	ND
DPTS-150	5/22/2016	15:40	0-1		ND	ND	ND	ND	ND	ND	1.2
DPTS-151	5/22/2016	12:25	4-8		ND	ND	ND	ND	ND	ND	0.045
DPTS-152	5/22/2016	12:30	15-19		ND	ND	ND	ND	ND	ND	ND
DPTS-153	5/22/2016	14:35	4-8		ND	ND	ND	ND	ND	ND	ND
DPTS-154	5/22/2016	14:45	18-22		ND	ND	ND	ND	ND	ND	ND
DPTS-155	5/22/2016	16:45	4-8		ND	ND	ND	ND	ND	ND	ND
DPTS-156	5/22/2016	16:45	4-8		ND	ND	ND	ND	ND	ND	ND
DPTS-157	5/22/2016	16:50	24-28		ND	ND	ND	ND	ND	ND	ND

Notes:

<sup>1</sup> The most conservative non-residential or construction worker MRBCA RBTL for soil was selected for comparison.

Colored highlighted value indicates exceedance of benchmark(s) associated with that/those color(s).

CW Construction worker  
DPTS Direct-push technology soil sample  
ID Identification  
LDTL MRBCA Lowest Default Target Level  
mg/kg Milligrams per kilogram  
MDNR Missouri Department of Natural Resources  
MRBCA MDNR Risk-based Corrective Action  
ND Non-detectable  
NE Not established  
NR Non-residential  
PCB Polychlorinated biphenyl

RBTL MRBCA Risk-based Target Level, Soil Type 1 (Sandy)

TABLE 8

SOIL SAMPLE RESULTS SUMMARY, BUILDINGS 108A AND 111

Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Analytes and Results (mg/kg)							
				PCBs							
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	
			MRBCA LDTL	3.86	0.0975	NE	0.0557	1.08	1.10	1.11	
			MRBCA RBTL <sup>1</sup> NR Soil	36.3	6.94	NE	6.94	7.03	7.18	7.34	
			MRBCA RBTL <sup>1</sup> CW Soil	62.5	4.16	NE	7.15	13.6	16.3	20.4	
DPTS-158	5/23/2016	14:45	0-1	ND	ND	ND	ND	ND	ND	ND	
DPTS-159	5/23/2016	09:05	4-8	ND	ND	ND	ND	ND	ND	ND	
DPTS-160	5/23/2016	09:10	28-32	ND	ND	ND	ND	ND	ND	ND	
DPTS-161	5/23/2016	10:40	4-8	ND	ND	ND	ND	ND	ND	ND	
DPTS-162	5/23/2016	10:50	23-27	ND	ND	ND	ND	ND	ND	ND	
DPTS-163	5/23/2016	10:50	23-27	ND	ND	ND	ND	ND	ND	ND	
DPTS-164	5/23/2016	13:40	4-8	ND	ND	ND	ND	ND	ND	ND	
DPTS-165	5/23/2016	13:50	16-20	ND	ND	ND	ND	ND	ND	ND	
DPTS-166	5/23/2016	15:15	1-3	ND	ND	ND	ND	ND	ND	ND	
DPTS-167	5/23/2016	15:25	4-8	ND	ND	ND	ND	ND	ND	ND	
DPTS-168	5/23/2016	15:25	4-8	ND	ND	ND	ND	ND	ND	ND	
DPTS-169	5/24/2016	11:45	0-1	ND	ND	ND	ND	ND	ND	ND	
DPTS-170	5/23/2016	16:55	4-8	ND	ND	ND	ND	ND	ND	ND	
DPTS-171	5/23/2016	17:00	24-28	ND	ND	ND	ND	ND	ND	ND	
DPTS-172	5/24/2016	09:05	4-8	ND	ND	ND	ND	ND	ND	ND	
DPTS-173	5/24/2016	09:45	24-28	ND	ND	ND	ND	ND	ND	ND	
DPTS-174	5/24/2016	12:15	4-8	ND	ND	ND	ND	ND	ND	ND	

Notes:

<sup>1</sup> The most conservative non-residential or construction worker MRBCA RBTL for soil was selected for comparison.

Colored highlighted value indicates exceedance of benchmark(s) associated with that/those color(s).

- CW Construction worker
- DPTS Direct-push technology soil sample
- ID Identification
- LDTL MRBCA Lowest Default Target Level
- mg/kg Milligrams per kilogram
- MDNR Missouri Department of Natural Resources
- MRBCA MDNR Risk-based Corrective Action
- ND Non-detectable
- NE Not established
- NR Non-residential
- PCB Polychlorinated biphenyl
- RBTL MRBCA Risk-based Target Level, Soil Type 1 (Sandy)



**TABLE 9**

**GROUNDWATER SAMPLE RESULTS SUMMARY, BUILDINGS 108A AND 111**

Sample ID	Sample Date	Sample Time	Sample Depth (ft bgs)	Analytes and Results (mg/L)						
				PCBs						
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
			<b>MRBCA LDTL</b>	0.000196	0.00013	NE	0.0000593	0.0000350	0.0000306	0.0000335
			<b>MRBCA RBTL<sup>1</sup> NR Groundwater</b>	17.7	21.7	NE	2.08	0.478	0.655	0.396
			<b>MRBCA RBTL<sup>2</sup> CW Groundwater</b>	1,080	71.1	NE	215	107	137	99.9
DPTGW-101	5/23/2016	15:35		ND	ND	ND	ND	ND	ND	ND

Notes:

<sup>1</sup> The most conservative non-residential land use MRBCA RBTL for indoor inhalation of vapor emissions for groundwater was selected for comparison.

<sup>2</sup> The most conservative construction worker MRBCA RBTL for outdoor inhalation of vapor emissions for groundwater was selected for comparison.

Colored highlighted value indicates exceedance of benchmark(s) associated with that/those color(s).

- CW Construction worker
- DPTGW Direct-push technology groundwater sample
- ID Identification
- LDTL MRBCA Lowest Default Target Level
- mg/kg Milligrams per kilogram
- MDNR Missouri Department of Natural Resources
- MRBCA MDNR Risk-based Corrective Action
- ND Non-detectable
- NE Not established
- NR Non-residential
- PCB Polychlorinated biphenyl
- RBTL MRBCA Risk-based Target Level, Soil Type 1 (Sandy)

**APPENDIX C**  
**BORING LOGS**

## Boring Log Form

Site Name: GISA GODDFELLOW      Boring Number: DPT-3  
 Date Drilled (Start/Finish): 5/18/16  
 Drilling Method: GEOPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_      Total Depth: 27.5' BGS  
 Coordinates: LAT: 38.693834    LOU: -90.267134  
 Depth to Water: NA      Geologist: CHRISTIN RUSSELL  
 Project Number: 10391058231      Weather: 70°F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
								TOPSOIL
DPT-102		100%	0	4				LIGHT BROWN CLAY, LOW MOISTURE
		100%	0	8				SOFT, LIGHT BROWN CLAY, LOW MOISTURE
		100%	0	12				SOFT, LIGHT BROWN CLAY, LOW MOISTURE
		100%	0	16				LIGHT BROWN CLAY LOW MOISTURE
		100%	0	20				LIGHT BROWN CLAY LOW MOISTURE
		100%	0	24				LIGHT BROWN CLAY LOW MOISTURE
DPT-103		100%	0	28				DARK BROWN CLAY LOW MOISTURE
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW      Boring Number: DPT-4  
 Date Drilled (Start/Finish): 5-18-16  
 Drilling Method: GEOPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_      Total Depth: 19' BGS  
 Coordinates: LAT: 38.693629    LO: -90.267225  
 Depth to Water: NA      Geologist: CHRISTIN RUSSELL  
 Project Number: 103G1058231      Weather: 70°F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
10 104		5%	0	4				TOPSOIL/CLAY MIXTURE SLIGHTLY SATURATED
		70%	0	8				LIGHT BROWN CLAY MODERATELY SATURATED
		70%	0	12				LIGHT BROWN CLAY MODERATELY SATURATED
		100%	0	16				LIGHT-MEDIUM BROWN CLAY SLIGHTLY SATURATED
DPT-105		100%	0	20				RED & GRAY CLAY LOW MOISTURE
				24				
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-5

Date Drilled (Start/Finish): 5-18-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 16' BGS

Coordinates: LAT: 38.693427 LON: -90.267243

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 103 G 1058231 Weather: 70°F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
				0				TOPSOIL
		50%	0	4				LIGHT-MEDIUM BROWN CLAY SLIGHTLY SATURATED
DPTS-106		90%	0	8				MEDIUM BROWN-RED CLAY LOW MOISTURE
		100%	0	12				LIGHT BROWN, RED, GRAY CLAY MIX LOW MOISTURE
DPTS-107		100%	0	16				RED-GRAY CLAY, LOW MOISTURE LIGHT GRAY CLAY, LOW MOISTURE DARK BROWN CLAY, LOW MOISTURE
				20				
				24				
				28				
				30				

## Boring Log Form

Site Name: GSA GODDFELLOW Boring Number: DPT-6

Date Drilled (Start/Finish): 5-18-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 23' BGS

Coordinates: LAT: 38.693705 LON: -90.266872

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361058231 Weather: 70° F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
		60%	0	4				ASPHALT / CONCRETE
DPTS-108		100%	0	8				LIGHT-MEDIUM BROWN CLAY SLIGHTLY SATURATED
		100%	0	12				MEDIUM BROWN CLAY SLIGHTLY SATURATED
		100%	0	16				MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	20				MEDIUM BROWN CLAY LOW MOISTURE
DPTS-109		100%	0	24				MEDIUM BROWN CLAY LOW MOISTURE
				28				
				30				

## Boring Log Form

Site Name: GISA GOODFELLOW Boring Number: DPT-7  
 Date Drilled (Start/Finish): 5-19-16  
 Drilling Method: GEOPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_ Total Depth: 27' BGS  
 Coordinates: LAT: 38.698913 LONG: -90.266705  
 Depth to Water: NA Geologist: CHRISTIN RUSSELL  
 Project Number: 103 41058231 Weather: 60° F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
								TOPSOIL / SAND
		60%	0	4				MEDIUM BROWN CLAY SLIGHTLY SATURATED
	DPTS-111	100%	0	8				MEDIUM BROWN CLAY SLIGHTLY SATURATED
		100%	0	12				MEDIUM BROWN CLAY SLIGHTLY SATURATED
		100%	0	16				LIGHT-MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	20				LIGHT-MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	24				MEDIUM BROWN-RED CLAY MODERATELY SATURATED
	DPTS-112 DPTS-113	100%	0	28				MEDIUM BROWN CLAY LOW MOISTURE
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-8  
 Date Drilled (Start/Finish): 5-19-16  
 Drilling Method: GEOPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_ Total Depth: 12' BGS  
 Coordinates: LAT: 38.693496 LON: -90.266810  
 Depth to Water: NA Geologist: CHRISTIN RUSSELL  
 Project Number: 10361058231 Weather: 60° F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
		40%	0	4				TOPSOIL
DPTS-114		35%	0	8				RED-BROWN CLAY LOW MOISTURE
DPTS-115		25%	0	12				LIGHT-MEDIUM BROWN CLAY LOW MOISTURE
				16				MEDIUM BROWN CLAY LOW MOISTURE
				20				
				24				
				28				
				30				



## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-9

Date Drilled (Start/Finish): 5-19-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 12' BGS

Coordinates: LAT: 38.693044 LON: -90.26713

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361058231 Weather: \_\_\_\_\_

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
								TOPSOIL
		40%	0	4				MEDIUM BROWN CLAY LOW MOISTURE
DPTS-117		100%	0	8				MEDIUM BROWN CLAY LOW MOISTURE
DPTS-118		100%	0	12				MEDIUM - DARK BROWN CLAY WITH RED STAINING LOW MOISTURE
				16				
				20				
				24				
				28				
				30				

## Boring Log Form

Site Name: GISA GOODFELLOW Boring Number: DPT-10

Date Drilled (Start/Finish): 5-19-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 12' BGS

Coordinates: LAT: 38.692865 LOU: -90.267041

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 103 9105 8231 Weather: 70° F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
								TOPSOIL
		60%	0	4				MEDIUM BROWN CLAY LOW MOISTURE SAND
DPT-120		60%	0	8				SAND
DPT-121		60%	0	12				MEDIUM BROWN CLAY, LOW MOISTURE LIGHT, MEDIUM, + DARK BROWN CLAY LOW MOISTURE
				16				
				20				
				24				
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-11  
 Date Drilled (Start/Finish): 5-19-16  
 Drilling Method: GEOPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_ Total Depth: 16' BGS  
 Coordinates: LAT: 38.692614 LON: -90.267364  
 Depth to Water: NA Geologist: CRISTIN RUSSELL  
 Project Number: 103 G1058231 Weather: 65°F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
		15%	0	4				TOPSOIL + FILL MATERIAL
DPTS-122		20%	0	8				FILL / MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	12				LIGHT BROWN CLAY LOW MOISTURE ROCKY
DPTS-123		100%	0	16				MEDIUM BROWN CLAY LOW MOISTURE
				20				
				24				
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-12

Date Drilled (Start/Finish): 5-20-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 20' BGS

Coordinates: LAT: 38.1692515 LON: -90.267664

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361058231 Weather: 55°F, CLOUDY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
				4				TOPSOIL
		75%	0	8				MEDIUM BROWN CLAY SLIGHTLY SATURATED
DPT-12A DPT-125		60%	0	12				MEDIUM BROWN-RED CLAY SATURATED
		100%	0	16				MEDIUM BROWN-RED CLAY SATURATED
		100%	0	20				DARK BROWN CLAY LOW MOISTURE
DPT-126		100%	0	24				DARK BROWN-RED CLAY LOW MOISTURE
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-13  
 Date Drilled (Start/Finish): 5-20-16  
 Drilling Method: GEOPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_ Total Depth: 14' BGS  
 Coordinates: LAT: 38.69396 LON: -90.266980  
 Depth to Water: NA Geologist: CHRISTIN RUSSELL  
 Project Number: 10341058731 Weather: 60°F, CLOUDY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
								TOPSOIL
		40%	0	4				MEDIUM-DARK BROWN CLAY & GRAVEL LOW MOISTURE
DPTS-129		60%	0	8				LIGHT-MEDIUM BROWN CLAY LOW MOISTURE
DPTS-130		60%	0	12				DARK BROWN-RED CLAY LOW MOISTURE
		25%	0					DARK BROWN CLAY LOW MOISTURE
				16				
				20				
				24				
				28				
				30				

DPTS-127  
DPTS-128

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-14

Date Drilled (Start/Finish): 5-20-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 16' BGS

Coordinates: LAT: 38.693724 LON: -90.266232

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361058231 Weather: 60°F, CLOUDY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
DPT-128		40%	0	0				TOP SOIL
				4				DARK BROWN CLAY LOW MOISTURE
DPTS-131		50%	0	8				MEDIUM BROWN CLAY LOW MOISTURE
		40%	0	12				MEDIUM BROWN CLAY LOW MOISTURE
DPTS-132		100%	0	16				MEDIUM BROWN-RED CLAY LOW MOISTURE
		50%	0	20				DARK-MEDIUM BROWN CLAY-DRY
				24				
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-15

Date Drilled (Start/Finish): 5-20-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 24' BAS

Coordinates: LAT: 38.693482 LON: -90.262567

Depth to Water: NA Geologist: ADAM WATKINS

Project Number: 103 G1058231 Weather: 71°F, PARTLY CLOUDY

DPTS-128  
DPTS-133

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
		40%	0	4				TOPSOIL + CLAY MIXTURE
		80%	0	8				MOIST, LIGHT BROWN CLAY, SOFT
		100%	0	12				MOIST, BROWN, SEMI-HARD CLAY
		95%	0	16				BROWN CLAY, HARD, LOW MOISTURE
		95%	0	20				BROWN CLAY, VERY HARD, LOW MOISTURE
DPTS-135		95%	0	24				DARK BROWN CLAY, LOW MOISTURE, VERY HARD
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-11  
 Date Drilled (Start/Finish): 5-20-11  
 Drilling Method: GEOPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_ Total Depth: 14' BGS  
 Coordinates: LAT: 38.1692796 LONG: -90.266276  
 Depth to Water: NA Geologist: ADAM WATKINS  
 Project Number: 103G1058231 Weather: 72°F, PARTLY CLOUDY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
		25%	0	4				FILL MATERIAL, GRAVEL, SAND, + ASPHALT
DPT-136		50%	0	8				SLIGHTLY SATURATED LIGHT BROWN CLAY SEMI-HARD
DPT-137		95%	0	12				BROWN CLAY DRY VERY HARD
		90%	0	12				DARK BROWN CLAY, VERY HARD, VERY DRY
				16				
				20				
				24				
				28				
				30				



## Boring Log Form

Site Name: GSA (GOODFELLOW) Boring Number: DPT-17

Date Drilled (Start/Finish): 5-21-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 18' BGS

Coordinates: LAT: 38.692121 LOU: -90.266617

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361058231 Weather: 76°F, SUNNY

DPTS-128  
DPTS-146

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
				1				TOPSOIL
		60%	0	4				MEDIUM BROWN CLAY LOW MOISTURE
DPTS-147		80%	0	8				MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	12				MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	16				MEDIUM BROWN-RED CLAY LOW MOISTURE
DPTS-148 DPTS-149		50%	0	18				DARK BROWN CLAY LOW MOISTURE
				20				
				24				
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-18

Date Drilled (Start/Finish): 5-21-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLANS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 28' BGS

Coordinates: LAT: 38.690920 LONG: -90.265651

Depth to Water: N/A Geologist: CHRISTIN RUSSELL

Project Number: 10361658231 Weather: 69° F, PARTLY CLOUDY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
<del>10361658231</del>		40%	0	4				TOPSOIL / GRAVEL
								BROWN CLAY, SATURATED, SOFT
DPTS-139		15%	0	8				DARK BROWN CLAY w/GRAVEL MOIST SOFT
		25%	0	12				DARK BROWN / GRAY CLAY SEMI-MOIST SEMI-HARD
		100%	0	16				DARK BROWN / GRAY CLAY SEMI-MOIST SEMI-HARD
		100%	0	20				LIGHT BROWN / GRAY CLAY LOW MOISTURE
		100%	0	24				LIGHT BROWN / GRAY CLAY SLIGHTLY SATURATED SOFT
DPTS-MD		60%	0	28				LIGHT BROWN CLAY SLIGHTLY SATURATED HARD
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-19

Date Drilled (Start/Finish): 5-21-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 24' BGS

Coordinates: LAT: 38.091427 LONG: -90.265372

Depth to Water: NA Geologist: ADAM WATKINS

Project Number: 10361058231 Weather: 72°F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
				0				TOPSOIL, MOIST, SOFT
		50%	0	4				FILL MATERIAL - GRAVEL/SAND, BROWN CLAY, SLIGHTLY SATURATED, FIRM
DPT-141 DPT-142		50%	0	8				BROWN CLAY SATURATED SOFT
		50%	0	12				BROWN CLAY WITH RED/GRAY TRACES SATURATED SOFT
		100%	0	16				BROWN CLAY LOW MOISTURE HARD
		100%	0	20				BROWN CLAY, LOW MOISTURE, SEMI-SOFT
		100%	0	24				BROWN CLAY LOW MOISTURE SEMI-SOFT
DPT-145		75%	0	24				BROWN CLAY LOW MOISTURE HARD
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW      Boring Number: DPT-20  
 Date Drilled (Start/Finish): 5-21-16  
 Drilling Method: GEOPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_      Total Depth: 16' BGS  
 Coordinates: LAT: 38.1692093    LONG: -90.264847  
 Depth to Water: NA      Geologist: ADAM WATKINS  
 Project Number: 10341058231      Weather: 75°F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
		5%	0	4				TOPSOIL + FILL MATERIAL
DPTS-144		10%	0	8				LIGHT BROWN CLAY DRY
		95%	0	12				BROWN CLAY HARD DRY
DPTS-145		100%	0	16				BROWN CLAY HARD DRY
				20				
				24				
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-21

Date Drilled (Start/Finish): 5-22-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Coordinates: LAT: 38.181779 Lon: -90.264293

Depth to Water: NA

Geologist: CHRISTIN RUSSELL

Project Number: 103 G1058231

Weather: 70° F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
		5%	0	4				FILL MATERIAL MIXED WITH TOPSOIL
DPTS-151		5%	0	8				MEDIUM BROWN CLAY MIXED WITH SAND LOW MOISTURE
		10%	0	12				MEDIUM BROWN CLAY LOW MOISTURE
		50%	0	16				MEDIUM BROWN CLAY MIXED w/ GRAVEL / FILL MATERIAL LOW MOISTURE
DPTS-152		100%	0	20				MEDIUM BROWN CLAY LOW MOISTURE
				24				
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-22  
 Date Drilled (Start/Finish): 5-22-16  
 Drilling Method: GEOPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_ Total Depth: 22' BGS  
 Coordinates: LAT: 38.691142 LON: -90.269858  
 Depth to Water: \_\_\_\_\_ Geologist: CHRISTIN RUSSELL  
 Project Number: NA 10361058231 Weather: 70° F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
				4				TOPSOIL W/ GRAVEL
		50%	0	4				MEDIUM BROWN CLAY/GRAVEL LOW MOISTURE
DPT-153		65%	0	8				MEDIUM BROWN CLAY / GRAVEL LOW MOISTURE
		100%	0	12				MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	16				MEDIUM BROWN CLAY LOW MOISTURE
DPT-154		100%	0	20				MEDIUM BROWN CLAY LOW MOISTURE
		80%	0	20				MEDIUM BROWN CLAY LOW MOISTURE
				24				
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-23

Date Drilled (Start/Finish): 5-22-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 28' BGS

Coordinates: LAT: 38.691192 LON: -90.264858

Depth to Water: N/A Geologist: CHRISTIN RUSSELL

Project Number: 103G105923/ Weather: 75°F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
		30%	0	4				TOPSOIL / GRAVEL / MEDIUM BROWN CLAY LOW MOISTURE
DPT-155 DPT-156		15%	0	8				GRAVEL / LIGHT BROWN CLAY / GRAY CLAY ↳ MOIST
		80%	0	12				DARK-MEDIUM BROWN CLAY. DARK CLAY IS SATURATED. LIGHT CLAY HAS LOW MOISTURE
		100%	0	16				MEDIUM GRAY CLAY / LIGHT BROWN CLAY MODERATELY SATURATED
		100%	0	20				LIGHT-MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	24				MEDIUM-DARK BROWN CLAY LOW MOISTURE
DPT-157		100%	0	28				MEDIUM BROWN CLAY LOW MOISTURE
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-24

Date Drilled (Start/Finish): 5-23-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 32' BGS

Coordinates: LAT: 38.688616 LO: -90.217307

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361038231 Weather: 70° F SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
<u>158</u>								<u>GRAVEL</u>
		<u>70%</u>	<u>0</u>	<u>4</u>				<u>MEDIUM BROWN CLAY W/ SAND LOW MOISTURE</u>
<u>DPT-159</u>		<u>100%</u>	<u>0</u>	<u>8</u>				<u>GRAVEL / SAND / DARK BROWN CLAY LOW MOISTURE</u>
		<u>90%</u>	<u>0</u>	<u>12</u>				<u>MEDIUM BROWN CLAY LOW MOISTURE</u>
		<u>100%</u>	<u>0</u>	<u>16</u>				<u>MEDIUM BROWN CLAY LOW MOISTURE</u>
		<u>100%</u>	<u>0</u>	<u>20</u>				<u>MEDIUM BROWN CLAY LOW MOISTURE</u>
		<u>100%</u>	<u>0</u>	<u>24</u>				<u>MEDIUM BROWN-RED CLAY LOW MOISTURE</u>
		<u>100%</u>	<u>0</u>	<u>28</u>				<u>MEDIUM BROWN-RED CLAY LOW MOISTURE</u>
<u>DPT-160</u>		<u>100%</u>	<u>0</u>	<u>32</u>				<u>MEDIUM BROWN CLAY</u>



## Boring Log Form

Site Name: GSA (GOODFELLOW) Boring Number: DPT-25

Date Drilled (Start/Finish): 5-23-16

Drilling Method: CEPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 27' BGS

Coordinates: LAT: 38.689043 LN: -90.267397

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361058231 Weather: 70°F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
<del>58</del>								<u>TOPSOIL</u>
		<u>100%</u>	<u>0</u>	<u>4</u>				<u>MEDIUM BROWN CLAY</u> <u>LOW MOISTURE</u>
<u>DPT-161</u>		<u>100%</u>	<u>0</u>	<u>8</u>				<u>MEDIUM BROWN CLAY</u> <u>LOW MOISTURE</u>
		<u>100%</u>	<u>0</u>	<u>12</u>				<u>MEDIUM BROWN CLAY</u> <u>LOW MOISTURE</u>
		<u>100%</u>	<u>0</u>	<u>16</u>				<u>Light GRAY/MEDIUM BROWN CLAY</u> <u>LOW MOISTURE</u>
		<u>100%</u>	<u>0</u>	<u>20</u>				<u>MEDIUM BROWN-RED CLAY</u> <u>LOW MOISTURE</u>
		<u>100%</u>	<u>0</u>	<u>24</u>				<u>MEDIUM BROWN-RED CLAY</u> <u>LOW MOISTURE</u>
<u>DPT-162</u> <u>DPT-163</u>		<u>100%</u>	<u>0</u>	<u>28</u>				<u>BROWN/RED CLAY</u> <u>VERY DRY</u>
				<u>30</u>				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-26

Date Drilled (Start/Finish): 5-23-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 24' BGS

Coordinates: LAT: 38.689190 LONG: -90.267156

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361058231 Weather: 75°F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
				4				TOPSOIL
		90%	0					DARK BROWN CLAY LOW MOISTURE
				8				LIGHT GRAY CLAY SATURATED
DPT-164		90%	0					GRAY / MEDIUM BROWN CLAY LOW MOISTURE
		90%	0	12				MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	16				MEDIUM BROWN / GRAY CLAY LOW MOISTURE
		100%	0	20				MEDIUM BROWN / GRAY CLAY LOW MOISTURE
DPT-165		100%	0	24				MEDIUM BROWN CLAY LOW MOISTURE
				28				
				30				

## Boring Log Form

Site Name: GSA GOODFELLOW Boring Number: DPT-27

Date Drilled (Start/Finish): 5-23-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 18' BGS

Coordinates: LAT: 38.6891N LO: -90.26689W

Depth to Water: 11.75' BGS Geologist: CHRISTIN RUSSELL

Project Number: 103 G1058231 Weather: 75° F, SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
<del>103-108</del>								<u>TOPSOIL</u>
<u>DPT-108</u>		<u>60%</u>	<u>0</u>	4				<u>GRAVEL / FILL</u>
<u>DPT-107</u> <u>DPT-108</u>		<u>60%</u>	<u>0</u>	8				<u>FILL / MEDIUM BROWN CLAY</u> <u>LOW MOISTURE</u>
				12				
				16				
				20				
				24				
				28				
				30				

## Boring Log Form

Site Name: GISA GOODFELLOW Boring Number: DPT-28

Date Drilled (Start/Finish): 5-23-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 28' BGS

Coordinates: LAT: 38.688946 LONG: -90.226509

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361058231 Weather: 75° F SUNNY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
		20%	0	4				TOPSOIL / GRAVEL
DPTS-17D		100%	0	8				MEDIUM BROWN CLAY MODERATELY SATURATED
		100%	0	12				MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	16				GRAY CLAY LOW MOISTURE
		100%	0	20				MEDIUM BROWN CLAY LOW MOISTURE
		100%	0	24				MEDIUM BROWN CLAY LOW MOISTURE
DPTS-17H		100%	0	28				BROWN / RED CLAY VERY DRY
				30				

## Boring Log Form

Site Name: GSA (GOODFELLOW) Boring Number: DPT-29

Date Drilled (Start/Finish): 5-24-16

Drilling Method: GEOPROBE DPT

Drilling Company: PLAINS ENVIRONMENTAL

Elevation: \_\_\_\_\_ Total Depth: 28' BGS

Coordinates: LAT: 38.688716, LON: -90.266501

Depth to Water: NA Geologist: CHRISTIN RUSSELL

Project Number: 10361058231 Weather: 72°F, CLOUDY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
								TOPSOIL
		40%	0	4				MEDIUM BROWN CLAY LOW MOISTURE
DPT-172		100%	0	8				DARK BROWN CLAY LOW MOISTURE
		25%	0	12				LIGHT GRAY / MEDIUM BROWN CLAY SATURATED
		100%	0	16				LIGHT BROWN / GRAY CLAY LOW MOISTURE
		70%	0	20				LIGHT BROWN / GRAY CLAY LOW MOISTURE
		100%	0	24				MEDIUM BROWN CLAY LOW MOISTURE
DPT-173		100%	0	28				MEDIUM BROWN / RED CLAY LOW MOISTURE
				30				

## Boring Log Form

Site Name: GSA GOOD FELLOW Boring Number: DPT-30  
 Date Drilled (Start/Finish): 5-24-16  
 Drilling Method: MEDPROBE DPT  
 Drilling Company: PLAINS ENVIRONMENTAL  
 Elevation: \_\_\_\_\_ Total Depth: 28' BGL  
 Coordinates: LAT: 38.688718 LONG: -90.266925  
 Depth to Water: 26.59' BGL Geologist: CHRISTIN RUSSELL  
 Project Number: 1036105823/ Weather: 72°F, PARTLY CLOUDY

Sample Interval	Interval	Soil Recv.	PID Reading (ppm)	Depth (Feet)	Color (Munsell or Rock)	Lithology	Graphic Log	Description and Remarks
								TOPSOIL / GRAVEL
		75%	0	4				MEDIUM BROWN CLAY LOW MOISTURE
DPT-174		75%	0	8				MEDIUM BROWN / RED CLAY LOW MOISTURE
		60%	0	12				MEDIUM-DARK BROWN CLAY MEDIUM MOISTURE
		100%	0	16				LIGHT GRAY - RED CLAY LOW MOISTURE
		80%	0	20				LIGHT GRAY CLAY MEDIUM MOISTURE
		100%	0	24				LIGHT GRAY / RED CLAY LOW MOISTURE
		100%	0	28				MEDIUM BROWN / RED CLAY LOW MOISTURE
				30				

**APPENDIX D**  
**FIELD LOGBOOK**

KS987



*Rite in the Rain*

ALL-WEATHER

**LEVEL**

Nº 311FX





1  
2 Name \_\_\_\_\_

Address \_\_\_\_\_

3 Phone \_\_\_\_\_

4 Project GSA GOODFELLOW RI



RiteintheRain.com

## CONTENTS

PAGE	REFERENCE	DATE
	TETRA TECH PM: ADAM WATKINS	
	415 OAK ST. KC, MO	
	816-412-1784	
	GSA PM: KEVIN PHILLIPS	
	KEVIN.phillips@gsa.gov	
	816-806-1684 (cell)	
	DRILLERS: PLAINS ENVIRONMENTAL	
	HENRY 785-822-5724	

<sup>2</sup> GSA RI Sampling Event

Monday, May 16, 2016

1330 Arrive on site. Team members have meeting with GSA representative Kevin Phillips, and receive badges.

1430 Baker Peterson Utility Locate arrives on site, and begins utility locating activities. Watkins conducts safety meeting. Topics include slips, trips, & fall, as well as lightning caution.

1800 End field activities. Depart site.

5-16-16  
C. Russell

<sup>3</sup> GSA RI Sampling Event

Tuesday, May 17, 2016

0700 Arrive on site. Watkins conducts safety meeting. Topics include general slips, trips, and falls, as well as lightning caution.

0730 Baker Peterson begins utility locate activities. Henry departs site.

1230 Depart site for lunch.

1315 Arrive on site. Continue utility locate activities.

1630 Finish utility locate. Depart site and travel to Pine Environmental to pick up Water Level Indicator.

5-17-16  
C. Russell

GISA RI Sampling Event  
Wednesday, May 18, 2016

- 0715 Arrive on site. Watkins conducts safety meeting. Topics include sun protection, traffic, and Geoprobe operations. Set up sampling supplies in building 122B.
- 0830 Arrive at DPT-1, Lat: 38.693625° Lon: -90.267705°. Refusal at 22 ft bgs, no groundwater encountered. Left Geoprobe rods in place. Depart DPT-1.
- 0940 Arrive at DPT-2, Lat: 38.691247° Lon: -90.268787°. Refusal at 29 ft. bgs. No groundwater encountered. Left Geoprobe rods in place. Depart DPT-2.
- 1010 Depart site. Travel to Pine Environmental to swap out water level indicator, and pick up PID.
- 1140 Arrive on site
- 1145 Arrive at DPT-1. No groundwater encountered. Abandoned hole.

GISA RI Sampling Event  
Wednesday, May 18, 2016

- Will consult with client about relocating background location.
- 1204 Arrive at DPT-2. No groundwater encountered. Abandoned hole. Will consult with client about relocating background location.
- 1220 Arrive at DPT-3.  
Lat: 38.693834 Lon: -90.267134
- 1240 Collect sample DPTS-101, 0-1' bgs  
Light to dark brown clay.
- 1320 Collect sample DPTS-102, 4-8 ft bgs
- 1325 Collect sample DPTS-103, 23.5-27.5 ft bgs
- 1355 Arrive at DPT-4  
Lat: 38.693629 Lon: -90.267225  
Collect sample DPTS-101, 0-1 ft bgs
- 1440 Collect sample DPTS-104, 4-8 ft bgs
- 1448 Collect sample DPTS-105, 15-19 ft bgs  
No groundwater encountered
- 1500 Arrive at DPT-5, Lat: 38.69123 Lon: -90.267243
- 1545 Collect sample DPTS-106, 4-8 ft bgs

<sup>6</sup> GSA-R1 Sampling Event

Wednesday, May 18, 2016

1550 Collect sample DPTS-107, 12-16 ft bgs

Refusal at 16 ft bgs

No groundwater encountered

1610 Arrive at DPT-6

1638 Collect sample DPTS-101, 0-1 ft bgs

Lat: 38.693705 Lon: -90.266872

1700 Collect sample DPTS-108, 4-8 ft bgs

1705 Collect sample DPTS-109, 19-23 ft bgs

Refusal at 23 ft bgs

No groundwater encountered

1800 Depart site

5-18-16  
C: Russell

GSA-R1 Sampling Event

Thursday, May 19, 2016

0700 Arrive on site. Watkins

conducts safety meeting.

Topics include sun protection, local traffic, and Geophone activities.

0730 Arrive at DPT-7

Calibrate PID with

Isobutyl to 100 ppm

0750 Collect sample DPTS-110,

0-1 ft bgs

Lat: 38.693913 Lon: -90.266705

0825 Collect sample DPTS-111

4-8 ft bgs

0835 Collect sample DPTS-112

23-27 ft bgs

0840 Collect sample DPTS-113

23-27 ft bgs

0850 Lat: 38.693996 Lon: -90.266810

Arrive at DPT-8

0950 Collect sample DPTS-114

4-8 ft bgs

1000 Collect sample ~~at~~<sup>at</sup>

DPTS-115, 8-12 ft bgs

8 GISA R1 Sampling Event

Thursday, May 19, 2016

refusal for DPT-8 at 12 ft bgs.

1000 Henry departs site to  
replenish field supplies

1050 Henry arrives on site

1115 Arrive at DPT-9

Lat: 38.693036 Lon: -90.267165

Due to low recovery of soil  
and shallow refusal, DPT-9  
was relocated south

by 15 ft. New location is

at lat: 38.693044 Lon: -90.267133

1200 Collected sample at  
DPTS-116, 0-1 ft bgs

1215 Collected sample DPTS-117,  
4-8 ft bgs

1225 Collected sample DPTS-118  
8-12 ft bgs

Refusal at 12 ft bgs, bedrock

No groundwater encountered.

note No groundwater encountered  
at DPT-7 & DPT-8

1340 Depart site for lunch.

1410 Arrive on site.

(b) (6)

9 GISA R1 Sampling Event

Thursday, May 19, 2016

1425 Arrive at DPT-10

Lat: 38.692865 Lon: -90.267041

1430 Collect sample DPTS-119, 0-1 ft bgs

1435 Collect sample DPTS-120, 4-8 ft bgs

1440 Collect sample DPTS-121,  
8-12 ft bgs

Refusal at 12 ft bgs

No groundwater encountered

1455 Arrive at DPT-11

Lat: 38.692619 Lon: -90.267549

1500 Collect sample DPTS-119,  
0-1 ft bgs, composite

1630 Collect sample DPTS-122,  
4-8 ft bgs

1640 Collect sample DPTS-123  
12-16 ft bgs.

Refusal at 16 ft bgs

No groundwater encountered

1730 Depart site

5-19-16

C. Russell

Site on the line

GSA R1 Sampling Event  
Friday, May 20, 2016

- 0700 Arrive on site. Watkins conducts safety meeting. Topics include rain gear, traffic, geoprobe activities, slips, trips, & falls. Calibration of PID to 100 ppm Isobutylene.
- 0720 Arrive at DPT-12.  
Lat: 38.692515 Lon: -90.267664
- 0730 Collect composite sample DPTS-119, 0-1 ft bgs
- 0740 Collect DPTS-124, 4-8 ft bgs
- 0740 Collect DPTS-125, 4-8 ft bgs
- 0800 Collect sample DPTS-126, 10-20 ft bgs.  
Refusal at 20 ft bgs.  
No groundwater encountered.
- 0830 Arrive at DPT-13.  
Lat: 38.693196 Lon: -90.266980
- 0840 Collect sample DPTS-127, 0-1 ft bgs
- 0845 Prepare composite sample DPTS-119, 0-1 ft bgs

(b) (6)

GSA R1 Sampling Event  
Friday, May 20, 2016

- 0855 Collect composite sample DPTS-128, 0-1 ft bgs
- 0905 Collect sample DPTS-129, 4-8 ft bgs
- 0910 Collect sample DPTS-130, 10-14 ft bgs.  
Refusal at 10-14 ft bgs.  
No groundwater encountered.
- 0925 Arrive at DPT-14
- 0930 Henry receives badge  
Lat: 38.693724 Lon: -90.266232
- 1000 Collect composite DPTS-128, 0-1 ft bgs
- 1035 Collect sample DPTS-131, 4-8 ft bgs
- 1035 Collect sample DPT-132, 12-14 ft bgs.  
Refusal at 14 ft bgs.  
No groundwater encountered.
- 1108 WATKINS & RUSSELL DEPART SITE FOR LUNCH. RUSSELL DEPARTS ST. LOUIS.
- 1245 WATKINS ONSITE & ARRIVES AT DPT-15.  
LAT: 38.693482' LONG: -90.265687'
- 1400 COLLECT DPTS-133, 0-1' bgs  
COLLECT COMPOSITE DPTS-128, 0-1' bgs  
NO GROUNDWATER ENCOUNTERED AT 24' bgs.

(b) (6)

## GSA RI SAMPLING

5-20-2016

## EVENT

- 1430 COLLECT DPTS-134. 4'-8' BGS'  
 1440 COLLECT DPTS-135. 20'-24' BGS'  
 1510 ARRIVE AT DPT-16.  
 LAT: 38.692796' LONG: -90.266376'  
 1520 COLLECT COMPOSITE DPTS-128. 0-1' BGS  
 3:40<sup>PM</sup> NO GROUNDWATER ENCOUNTERED.  
 REFUSAL AT 14' BGS.  
 1600 COLLECT DPTS-136. 4'-8' BGS.  
 1615 COLLECT DPTS-137. 10'-14' BGS.  
 1640 FINISHED W/ GEOPROBE ACTIVITIES FOR  
 THE DAY. PLAINS ENVIRONMENTAL DRILLER  
 DEPARTS SITE. WATKINS MOVED TO THE  
 SITE STAGING AREA (B106122B). TO PROCESS  
 SOIL SAMPLES.  
 1740 WATKINS DEPARTS SITE.

5-20-2016

(b) (6)

## GSA RI SAMPLING

5-21-2016

## EVENT

- 0750 WATKINS ARRIVES ONSITE & PREPS  
 TO BEGIN GEOPROBE ACTIVITIES IN  
 THE AREA AROUND BUILDING 104.  
 WATKINS CALIBRATES THE PID TO  
 100 PPM ISOBUTYLENE.  
 0830 CHRISTY ENGMANN (TT) ARRIVES ONSITE  
 WATKINS CONDUCTS THE MORNING  
 SAFETY TAILGATE MEETING. TOPICS  
 WELCOME THE AROUND THE GEOPROBE &  
 SLIPS, TRIPS, & FALLS.  
 0850 WATKINS, ENGMANN, & HENRY (PLAINS)  
 ARRIVE AT DPT-18. LAT: 38.690920'  
 LONG: -90.265651. NO GW ENCOUNTERED.  
 0930 COLLECT COMPOSITE DPTS-138. 0-1'  
 1110<sup>AM</sup> COLLECT DPTS-139. 4'-8' BGS  
 1120 COLLECT DPTS-140. 24'-28' BGS  
 1136 MOVE TO DPT-19. LAT: 38.691427'  
 LONG: -90.265372'  
 1145 COLLECT COMPOSITE DPTS-138. 0-1' BGS.  
 1210 COLLECT DPTS-141. 4'-8' BGS.  
 1210 COLLECT DPTS-142. 4'-4' BGS.  
 1230 COLLECT DPTS-143. 20'-24' BGS  
 NO GW ENCOUNTERED.  
 1300 DEPART SITE FOR LUNCH.

(b) (6)

## GSA RI SAMPLING

5-21-2016

## EVENT

- 1530 ARRIVE ONSITE. AT DPT-20.  
 LAT: 38.692093. LONG: -90.264847.  
~~1550~~ 1550 COLLECT COMPOSITE DPTS-138. 0-1' BGS.  
 1450 COLLECT DPTS-144. 4-8' BGS.  
 1500 COLLECT DPTS-145. 12-16' BGS.  
 REFUSAL AT 16' BGS. NO GW ENCOUNTERED.  
 RUSSELL ONSITE.  
 1530 ARRIVE at DPT-17  
 Lat: 38.692121 Lon: -90.266617  
 1535 Collect sample DPTS-146,  
 0-1 ft bgs  
 1540 Collect composite sample DPTS-128,  
 0-1 ft bgs. Prepare composite  
 sample DPTS-128.  
 1600 Collect sample DPTS-147,  
 4-8 ft bgs  
 1607 Collect sample DPTS-148,  
 14-18 ft bgs  
 1607 Collect sample DPTS-149,  
 14-18 ft bgs  
 Refusal at 18 ft bgs.  
 No groundwater encountered.  
 1630 Henry departs site.  
 Watkins and Russell return

GSA RI Sampling Event  
~~Friday~~ <sup>Saturday</sup> May 21, 2016  
 to field office to  
 prep samples.  
 1730 Depart site

5-21-16  
 C. Russell



# GSA RI Sampling Event

Sunday, May 22, 2016

- 1000 Arrive on site. Watkins  
conducts safety meeting.  
Topics include sun protection  
and Geoprobe activities.  
Watkins calibrates PID to  
100 ppm Isobutylene.
- 1025 Arrive at DPT-21.  
Lat: 38.691779 Lon: -90.269293
- 1120 Collect sample for composite  
DPTS-150, 0-1 ft bgs.
- 1225 Collect sample DPTS-151, 9-8 ft bgs
- 1230 Collect sample DPTS-~~151~~ 152,  
15-19 ft bgs.  
Refusal at 19 ft bgs.  
No groundwater encountered.
- 1300 Depart site for lunch.
- 1330 Arrive at DPT-22.  
Lat: 38.691142 Lon: -90.269858
- 1400 Collect sample for composite  
DPTS-150, 0-1 ft bgs
- 1435 Collect sample DPTS-153,  
4-8 ft bgs
- 1445 Collect sample DPTS-154,

# GSA RI Sampling Event

Sunday, May 22, 2016

- 18-22 ~~14-18~~ Ft bgs.  
Refusal at ~~18~~<sup>22</sup> Ft bgs.  
No groundwater encountered
- 1500 Arrive at DPT-23  
Lat: 38.691142 Lon: -90.269858
- 1540 Collect and prep composite  
sample DPTS-150, 0-1 ft bgs →
- 1645 Collect sample DPTS-155,  
4-8 ft bgs
- 1645 Collect sample DPTS-156,  
4-8 ft bgs
- 1650 Collect sample DPTS-157,  
29-28 ft bgs.  
Refusal at 28 ft bgs.  
No groundwater encountered
- 1715 Henry departs site.  
Watkins and Russell return  
to field office.
1745. Depart site.

C. Russell  
5-22-16

## GSA RI Sampling Event

Monday, May 23, 2016

0700 Arrive on site. Watkins  
conducts safety meeting.  
Topics include, hearing  
protection, Geoprobe  
operations, & sun protection.  
Watkins calibrates PID  
to 100 ppm Isobutylene.

0730 Arrive DPT-24  
Lat: 38.688616 Lon: -90.267357

0825 Collect sample for composite  
DPTS-158, 0-1 ft bgs

0905 Collect sample <sup>DPTS</sup> 159, 0-4 ft bgs

0910 Collect DPTS-160, 28-32 ft bgs  
Refusal at 32 ft bgs.  
No groundwater encountered.

0940 Arrive at DPT-25  
Lat: 38.689043 Lon: -90.267397

1005 Collect sample for composite  
DPTS-158, 0-1 ft bgs

1040 Collect sample DPTS-161, 4-8 ft bgs

1050 Collect sample DPTS-162, 23-27 ft bgs

1050 Collect sample DPTS-163, 23-27  
ft bgs

## GSA RI Sampling Event

Monday, May 23, 2016

1145 Depart site for lunch.

1230 Arrive on site.

1245 Arrive at DPT-26.  
Lat: 38.689190 Lon: -90.267156

1315 Collect composite sample  
DPTS-158, 0-1 ft bgs

1340 Collect sample DPTS-164, 4-8 ft bgs

1350 Collect sample DPTS-165, <sup>0-20 ft bgs</sup>  
~~10-24~~  
Refusal at 20 ft bgs.

No groundwater encountered.

1405 Arrive at DPT-27

Lat: 38.689101 Lon: -90.266870

1445 Collect and prepare  
composite sample DPTS-158,  
0-1 ft bgs

1515 Collect sample DPTS-166,  
1-3 ft bgs.

1525 Collect sample DPTS-167  
4-8 ft bgs.  
Refusal at 19 ft bgs.

Groundwater was encountered  
at 12 ft bgs.

1525 Collect sample DPTS-168, 4-8 ft bgs

## GSA RI Sampling Event

Monday, May 23, 2016

1545 Arrive at DPT-28

Lat: 38.688716 Lon: -90.266509

1650 Collect sample for composite  
DPTS-169, 0-1 ft bgs1655 Collect sample DPTS-170,  
4-8 ft bgs1700 Collect sample DPTS-171,  
21-28 ft bgs.

Refusal at 28 ft bgs.

No groundwater encountered.

1745 Depart site. Watkins and  
Russell travel to FedEx  
to ship out samples.

5-23-16

C. Russell

## GSA RI Sampling Event

Tuesday, May 24, 2016

0700 Arrive on site. Watkins  
conducts safety meeting.  
Topics include sun protection,  
thunderstorm awareness,  
traffic, and Geoprobe  
operations. Russell calibrates  
PID to 100 ppm (isobutylene).

0730 Arrive at DPT-29.

Lat: 38.688716 Lon: -90.266501

0900 Collect sample for composite  
DPTS-169, 0-1 ft bgs0905 Collect sample DPTS-172,  
4-8 ft bgs.0945 Collect sample DPTS-173,  
21-28 ft bgs.

Refusal at 28 ft bgs.

No groundwater encountered.

1030 Arrive at DPT-30

Lat: 38.688718 Lon: -90.266925

1145 Collect and prep composite  
sample DPTS-169, 0-1 ft bgs1215 Collect sample DPTS-178<sup>4</sup>  
4-8 ft bgs

## GSA R1 Sampling Event Tuesday, May 24, 2016

1230 Arrive at Piezometer location.

Install Piezometer

Lat:

Lon:

1330 Collect sample EB-1

1400 Plains installs temporary well at DPT-30

1530 Plains performs demobilization activities

1640 Henry departs site.

<sup>7:00</sup>  
1500 Arrive at department of Labor facility to attempt to gain access for three monitoring wells.

1830 Purchase field supplies and return to hotel.

5-24-16  
C. Russell

## GSA R1 Sampling Event Wednesday, May 25, 2016

0700 Arrive on site. Meet with Rachel from GSA to discuss Geoprobe activities being complete.

0730 Arrive at Department of Labor facility. Attempt to gain access.

0830 Arrive at field office. Prepare samples for shipment.

1130 Clean field office

1230 Pick up flags and repair any landscape disturbances.

1330 Land surveyor arrives.

1530 Surveyor departs site. Watkins and Russell return to Department of Labor to attempt to gain access.

1630 Return to site. Check water levels and secure temp wells

GSA R1 Sampling Event  
 Wednesday, May 25, 2016  
 1700 Depart site and travel  
 to Pine to return  
 equipment.  
 1800 Deliver samples to FedEx  
 1900 Return to hotel. Complete  
 remaining field documents.  
 2100 End field activities.

5-25-16  
 C. Russell

~~GSA R1~~  
 GSA R1 Sampling Event

- Note:
- DPTS-100<sup>cc</sup> is composite for DPT-3, -4, -5, -6
  - DPTS-119 is composite for DPT-10, -11, -12
  - DPTS-128 is composite for DPT-15, -16, -17
  - DPTS-130 is composite for DPT-18, -19, -20
  - DPTS-150 is composite for DPT-21, -22, -23
  - DPTS-158 is composite for DPT-24, -25, -26, -27
  - DPTS-169 is composite for DPT-28, -29, -30

Note: The following samples were duplicate samples -

DPTS-113	DPTS-163
DPTS-125	DPTS-168
DPTS-142	
DPTS-149	
DPTS-156	

# GISA RI Sampling Event

Note: The following locations were  
monitoring wells:

DPT-27

DPT-30

Piezometer

**APPENDIX E**  
**PHOTOGRAPHIC LOG**

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Southeast	DESCRIPTION	This photograph shows a private utility locator with ground penetrating radar.	1
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/17/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: Northwest	DESCRIPTION	This photograph shows a private utility locator checking sewer run directions.	2
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/17/2016



**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: East	DESCRIPTION	This photograph shows private utility locating activities.	3
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/17/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: South	DESCRIPTION	This photograph shows the location of direct-push technology location 1 (DPT-1) near the entrance to the Goodfellow Federal Complex (GFC).	4
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**

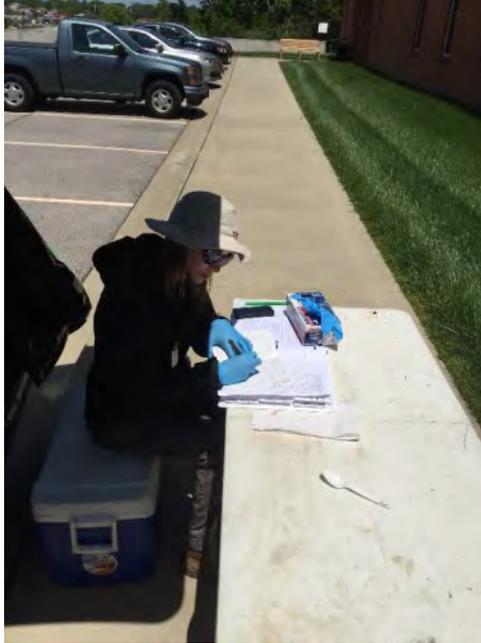


TETRA TECH PROJECT NO. 103G1058231  Direction: South	DESCRIPTION	This photograph shows DPT-2 near Goodfellow Boulevard.	5
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: South	DESCRIPTION	This photograph shows DPT-3 along the perimeter of Building 107.	6
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Northeast	DESCRIPTION	This photograph shows a Tetra Tech geologist recording field notes in a project logbook.	7
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: Northeast	DESCRIPTION	This photograph shows DPT-4 along the perimeter of Building 107.	8
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Northwest	DESCRIPTION	This photograph shows a Tetra Tech geologist recording notes on a boring log sheet.	9
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: East	DESCRIPTION	This photograph shows DPT-5 along the perimeter of Building 107.	10
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Southeast	DESCRIPTION	This photograph shows DPT-5 along the perimeter of Building 107.	11
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: North	DESCRIPTION	This photograph shows DPT-6 along the perimeter of Building 107.	12
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: N/A	DESCRIPTION	This photograph shows DPT-6 sealed with asphalt patch.	13
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/18/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: North	DESCRIPTION	This photograph shows DPT-7 along Patton Street.	14
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/19/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Southwest	DESCRIPTION	This photograph shows DPT-8 along Patton Street.	15
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/19/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: West	DESCRIPTION	This photograph shows DPT-9 along Patton Street.	16
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/19/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: N/A	DESCRIPTION	This photograph shows a Tetra Tech geologist screening soils by use of a photoionization detector (PID).	17
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/19/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: North	DESCRIPTION	This photograph shows DPT-10 along the former perimeter of Building 102 K.	18
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/19/2016



**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: South	DESCRIPTION	This photograph shows DPT-11 along the perimeter of Building 102 E.	19
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/19/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: East	DESCRIPTION	This photograph shows DPT-12 along the former perimeter of Building 102 J.	20
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/20/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Southwest	DESCRIPTION	This photograph shows DPT-13 along the perimeter of Building 102 A/B/C.	21
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/20/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: N/A	DESCRIPTION	This photograph shows the DPT operator cutting open a soil core liner.	22
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/20/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: East	DESCRIPTION	This photograph shows DPT-14 along the perimeter of Building 102 A/B/C.	23
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/20/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: Northeast	DESCRIPTION	This photograph shows DPT-15 along the perimeter of Building 102 A/B/C.	24
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/20/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Northeast	DESCRIPTION	This photograph shows DPT-16 along the perimeter of Building 102 A/B/C.	25
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/20/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: Northeast	DESCRIPTION	This photograph shows the DPT operator placing soil cuttings back into the boring at DPT-16.	26
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/20/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: West	DESCRIPTION	This photograph shows DPT-17 along the perimeter of Building 102 A/B/C.	27
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/21/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: West	DESCRIPTION	This photograph shows DPT-18 along the perimeter of Building 104 A/B/C/D.	28
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/21/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Southeast	DESCRIPTION	This photograph shows DPT-19 along the perimeter of Building 104 A/B/C/D.	29
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/21/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: Northeast	DESCRIPTION	This photograph shows DPT-20 along the perimeter of Building 104 A/B/C/D.	30
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/21/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Southwest	DESCRIPTION	This photograph shows DPT-21 along the perimeter of Building 104 A/B/C/D.	31
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/22/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: Southwest	DESCRIPTION	This photograph shows DPT-22 along the perimeter of Building 104 A/B/C/D.	32
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/22/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: North	DESCRIPTION	This photograph shows DPT-23 along the perimeter of Building 104 A/B/C/D.	33
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/22/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: North	DESCRIPTION	This photograph shows DPT-24 upgradient of Buildings 108 A and 111.	34
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/23/2016



**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: West	DESCRIPTION	This photograph shows DPT-25 upgrader of Buildings 108 A and 111.	35
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/23/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: East	DESCRIPTION	This photograph shows DPT-26 within the former footprint of Building 111.	36
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/23/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: North	DESCRIPTION	This photograph shows DPT-27 within the former footprint of Building 111.	37
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/23/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: Northeast	DESCRIPTION	This photograph shows the DPT operator purging groundwater at DPT-27.	38
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/23/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: Northeast	DESCRIPTION	This photograph shows groundwater sampling activities at DPT-27.	39
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/23/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: West	DESCRIPTION	This photograph shows DPT-29 downgradient of Buildings 108 A and 111.	40
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/24/2016

**Goodfellow Federal Complex  
St. Louis, Missouri**



TETRA TECH PROJECT NO. 103G1058231  Direction: N/A	DESCRIPTION	This photograph shows a Tetra Tech geologist recording notes on a soil boring log.	41
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/24/2016



TETRA TECH PROJECT NO. 103G1058231  Direction: Southeast	DESCRIPTION	This photograph shows DPT-30 downgradient of Buildings 108 A and 111.	42
	CLIENT	U.S. General Services Administration	Date
	PHOTOGRAPHER	Adam Watkins	5/24/2016

**APPENDIX F**

**FIELD SAMPLE COLLECTION SHEETS AND CHAIN-OF-CUSTODY RECORDS**



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### Chain of Custody Form

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Tetra Tech, Inc  
GSA Goodfellow 103P1058231

Page 1 of 2

COC ID: 142747



### Environmental

ALS Project Manager: DC

Customer Information		Project Information			
Purchase Order		Project Name	GSA Goodfellow	A	VOC TCL 4.3 (5035/8260)
Work Order		Project Number	103P1058231	B	SVOC TCL 4.3 (8270)
Company Name	Tetra Tech, Inc.	Bill To Company	Tetra Tech, inc.	C	PCBs (8082)
Send Report To	Adam Watkins	Invoice Attn	AP	D	Moisture%
Address	415 Oak Street	Address	415 Oak Street	E	
				F	VOC TCL 4.3 (8260)
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106	G	SVOC TCL 4.3 (8270)
Phone	(816) 412-1741	Phone	(816) 412-1741	H	PCBs (8082)
Fax		Fax		I	Total RCRA 8 Metals (6020/7470)
e-Mail Address	adam.watkins@tetratech.com	e-Mail Address		J	Dissolved RCRA 8 Metals (6020/7470)-LabFilt*

Lab No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
151	DPTS - 101	5/18/16	1638	Soil		1			X								
152	DPTS - 102	5/18/16	1320	Soil		1			X								
2	DPTS - 103	5/18/16	1325	Soil		1			X								
4	DPTS - 104	5/18/16	1440	Soil		1			X								
5	DPTS - 105	5/18/16	1448	Soil		1			X								
6	DPTS - 106	5/18/16	1545	Soil		1			X								
7	DPTS - 107	5/18/16	1550	Soil		1			X								
8	DPTS - 108	5/18/16	1700	Soil		1			Y								
9	DPTS - 109	5/18/16	1705	Soil		1			Y								
10	DPTS - 110	5/19/16	0750	Soil		4	X										

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)			Results Due Date:	
(b) (6)		FEDEX		<input checked="" type="checkbox"/> Std 10 WK days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				
(b) (6)		Date: 5-23-16	Time: 1100	Received by:		Notes:		
		Date:	Time:	(b) (6) JAK 512416 0900		Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)
Logged by (Laboratory):		Date:	Time:	(b) (6)		25329	1.0	<input type="checkbox"/> Level 2 Std QC <input type="checkbox"/> TRRP ChkList <input type="checkbox"/> Level 3 Std QCR/ow da <input type="checkbox"/> TRRP Level 4 <input checked="" type="checkbox"/> Level 4 SW846/CLP <input type="checkbox"/> Other/EOD
Preservative Key: 1-HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4°C 9-5035								

note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.  
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# Chain of Custody Form

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Page 2 of 2

COC ID: 145488

Tetra Tech, Inc.

GSA Goodfellow 103P1058231

## Environmental

ALS Project Manager: Don



Customer Information		Project Information	
Purchase Order		Project Name	GSA Goodfellow
Work Order		Project Number	103P1058231
Company Name	Tetra Tech, Inc.	Bill To Company	Tetra Tech, Inc.
Send Report To	Adam Watkins	Invoice Attn	AP
Address	415 Oak Street	Address	415 Oak Street
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106
Phone	(816) 412-1741	Phone	(816) 412-1741
Fax		Fax	
e-Mail Address	adam.watkins@tetratech.com	e-Mail Address	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	DPTS -111	5-19-16	0825	Soil		4	X										
2	DPTS -112	5-19-16	0835	Soil		4	X										
3	DPTS -113	5-19-16	0840	Soil		4	X										
4	DPTS -114	5-19-16	0950	Soil		4	X										
5	DPTS -115	5-19-16	1000	Soil		4	X										
6	DPTS -116	5-19-16	1200	Soil		4	X										
7	DPTS -117	5-19-16	1215	Soil		4	X										
8	DPTS -118	5-19-16	1225	Soil		4	X										
9	Trip Blank -TSP-05/12/16-01	5-12-16	1230	Water		2						X					
10																	

Shipment Method: Fed Ex Required Turnaround Time: (Check Box)  Std 10 WK days  5 WK Days  2 WK Days  24 Hour

Results Due Date: \_\_\_\_\_

Date: 5-23-16 Time: 1100 Received by: (b) (6) Laboratory: JM 5/24/16 0900

Notes: \_\_\_\_\_

Cooler ID: 25309 Cooler Temp: 11.0 QC Package: (Check One Box Below)

Level 2 Std QC  TRRP ChkList

Level 3 Std QC/Row da  TRRP Level 4

Level 4 SW846/CLP

Other/EDD

Preservative Key: 1-HCl 2-HNO<sub>3</sub> 3-H<sub>2</sub>SO<sub>4</sub> 4-NaOH 5-Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 6-NaHSO<sub>4</sub> 7-Other 8-4°C 9-5035

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# Chain of Custody Form

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Page 2 of 2

COC ID: 142746

ALS Project Manager: D

Tetra Tech, Inc.  
GSA Goodfellow 103P1058231



## Environmental

Customer Information		Project Information			
Purchase Order		Project Name	GSA Goodfellow	A	VOC TCL 4.3 (5035/8260)
Work Order		Project Number	103P1058231	B	SVOC TCL 4.3 (8270)
Company Name	Tetra Tech, Inc.	Bill To Company	Tetra Tech, Inc.	C	PCBs (8082)
Send Report To	Adam Watkins	Invoice Attn	AP	D	Moisture%
Address	415 Oak Street	Address	415 Oak Street	E	
				F	VOC TCL 4.3 (8260)
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106	G	SVOC TCL 4.3 (8270)
Phone	(816) 412-1741	Phone	(816) 412-1741	H	PCBs (8082)
Fax		Fax		I	Total RCRA 8 Metals (6020/7470)
e-Mail Address	adam.watkins@tetratech.com	e-Mail Address		J	Dissolved RCRA 8 Metals (6020/7470)-*LabFiltr*

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	DPTS-119	5-20-16	0845	Soil		2		X									
2	DPTS-120	5-19-16	1435	Soil		3		X									
3	DPTS-121	5-19-16	1440	Soil		3		X									
4	DPTS-122	5-19-16	1630	Soil		3		X									
5	DPTS-123	5-19-16	1640	Soil		3		X									
6	DPTS-124	5-20-16	0740	Soil		3		X									
7	DPTS-125	5-20-16	0740	Soil		3		X									
8	DPTS-126	5-20-16	0800	Soil		3		X									
9	DPTS-127	5-20-16	0840	Soil		4	X										
10	DPTS-128	5-20-16	0855	Soil				X									

Sample ID: Please Print & Sign

(b) (6)

Shipment Method: FEDEX

Required Turnaround Time: (Check Box)  Std 10 WK days  5 WK Days  2 WK Days  24 Hour

Results Due Date:

Date: 5-23-16 Time: 1100

Received by: (b) (6)

Received by Laboratory: (b) (6) MA 9/24/16 0900

Notes:

Cooler ID: 246910 Cooler Temp: 2.4

QC Package: (Check One Box Below)

Level 2 Std QC  TRRP ChkList

Level 3 Std QC/Row da  TRRP Level 4

Level 4 SW846/CLP

Other/EDD

Preservative Key: 1-HCl 2-HNO<sub>3</sub> 3-H<sub>2</sub>SO<sub>4</sub> 4-NaOH 5-Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub> 6-NaHSO<sub>4</sub> 7-Other 8-4°C 9-5035

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# Chain of Custody Form

HS16051317

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COC ID: 145496

Tetra Tech, Inc.

GSA Goodfellow 103P1058231

ALS Project Manager: Dg



## Environmental

Customer Information		Project Information	
Purchase Order		Project Name	GSA Goodfellow
Work Order		Project Number	103P1058231
Company Name	Tetra Tech, Inc.	Bill To Company	Tetra Tech, Inc.
Send Report To	Adam Watkins	Invoice Attn	AP
Address	415 Oak Street	Address	415 Oak Street
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106
Phone	(816) 412-1741	Phone	(816) 412-1741
Fax		Fax	
e-Mail Address	adam.watkins@tetratech.com	e-Mail Address	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	DPTS -129	5-20-16	0905	Soil		6	X	X									
2	DPTS -130	5-20-16	0910	Soil		6	X	X									
3	DPTS -131	5-20-16	1035	Soil		6	X	X									
4	DPTS -132	5-20-16	1045	Soil		6	X	X									
5	Trip Blank - TSP - 05/12/16 - 02	5-12-16	1100	Water		2						X					
6	(b) (6)																
7	(b) (6)																
8	(b) (6)																
9	(b) (6)																
10	(b) (6)																

Sampler(s) Please Print & Sign (b) (6)		Shipment Method FED EX		Required Turnaround Time: (Check Box) <input checked="" type="checkbox"/> Std 10 WK days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				Results Due Date:	
Date: 5-23-16 Time: 1100		Received by: (b) (6)		Laboratory: (b) (6)		Cooler ID: 24600		Cooler Temp: 4.4	
Logged by (laboratory):		Date:		Time:		Laboratory:		Notes:	
Preservative Key: 1-HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4°C 9-5035		QC Package: (Check One Box Below)							
		<input type="checkbox"/> Level 2 Std QC		<input type="checkbox"/> TRRP ChkList		<input type="checkbox"/> Level 3 Std QC/Raw da		<input type="checkbox"/> TRRP Level 4	
		<input checked="" type="checkbox"/> Level 4 SW846/CLP							
		<input type="checkbox"/> Other/EDD							

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## Chain of Custody For

Page 1 of 2

COC ID: 145492

ALS Project Manager: [Signature]

HS16051317

Tetra Tech, Inc.

GSA Goodfellow 103P1058231



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68

80

Customer Information		Project Information		
Purchase Order		Project Name	GSA Goodfellow	A VOC TCL 4.3 (5035/8260)
Work Order		Project Number	103P1058231	B SVOC TCL 4.3 (8270)
Company Name	Tetra Tech, Inc.	Bill To Company	Tetra Tech, Inc.	C PCBs (8082)
Send Report To	Adam Watkins	Invoice Attn	AP	D Moisture%
Address	415 Oak Street	Address	415 Oak Street	E
				F VOC TCL 4.3 (8260)
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106	G SVOC TCL 4.3 (8270)
Phone	(816) 412-1741	Phone	(816) 412-1741	H PCBs (8082)
Fax		Fax		I Total RCRA 8 Metals (6020/7470)
e-Mail Address	adam.watkins@tetratech.com	e-Mail Address		J Dissolved RCRA 8 Metals (6020/7470)-*LabFilt*

Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
DPTS-133	5-20-16	1400	Soil		4	X										
DPTS-134	5-20-16	1430	Soil		6	X	X									
DPTS-135	5-20-16	1440	Soil		6	X	X									
DPTS-136	5-20-16	1400 <sup>1600</sup>	Soil		6	X	X									
DPTS-137	5-20-16	1600 <sup>1500</sup>	Soil		6	X	X									
DPTS-138	5-21-16	1550	Soil		1			X								
DPTS-139	5-21-16	1110	Soil		1			X								
DPTS-140	5-21-16	1120	Soil		1			X								
DPTS-141	5-21-16	1210	Soil		1			X								
DPTS-142	5-21-16	1210	Soil		1			X								

Shipper(s) Please Print & Sign: (b) (6) Shipment Method: Fed Ex Required Turnaround Time: (Check Box)  Std 10 WK days  5 WK Days  2 WK Days  24 Hour  Other \_\_\_\_\_ Results Due Date: \_\_\_\_\_

Received by: (b) (6) Date: 5-23-16 Time: 1100 Notes: \_\_\_\_\_

by (Laboratory): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Laboratory: (b) (6) Cooler ID: 24504 Cooler Temp.: 7.5 QC Package: (Check One Box Below)  Level 2 Std QC  TRRP ChkList  Level 3 Std QC/Row da  TRRP Level 4  Level 4 SW846/CLP  Other/EDD \_\_\_\_\_

Key: 1-HCl 2-HNO<sub>3</sub> 3-H<sub>2</sub>SO<sub>4</sub> 4-NaOH 5-Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 6-NaHSO<sub>4</sub> 7-Other 8-4°C 9-5035

2045

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Chain of Custody Form

Page 2 of 2

COC ID: 145485

HS16051317

Tetra Tech, Inc.
GSA Goodfellow 103P1058231

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ALS Project Manager:



Customer Information and Project Information table with fields for Purchase Order, Work Order, Company Name, Address, City/State/Zip, Phone, Fax, e-Mail Address, Project Name, Project Number, Bill To Company, Invoice Attn, and various test parameters (A-J).

Main data table with columns: No., Sample Description, Date, Time, Matrix, Pres., # Bottles, and test parameters A through J. Contains handwritten entries for DPTS-143 through DPTS-149 and Trip Blank.

Administrative section including Shipper/Please Print & Sign, Shipment Method (Fed Ex), Required Turnaround Time (Std 10 Wk days), Results Due Date, Date/Time received, Laboratory information, Cooler ID, Cooler Temp, and QC Package selection.

- ote: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
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Chain of Custody For

Page 1 of 1

COC ID: 145493

HS16051317

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Tetra Tech, Inc.

GSA Goodfellow 103P1058231

10

ALS Project Manager: [Signature]



Customer Information		Project Information		
Purchase Order		Project Name	GSA Goodfellow	A VOC TCL 4.3 (5035/8260)
Work Order		Project Number	103P1058231	B SVOC TCL 4.3 (8270)
Company Name	Tetra Tech, Inc.	Bill To Company	Tetra Tech, Inc.	C PCBs (8082)
Send Report To	Adam Watkins	Invoice Attn	AP	D Moisture%
Address	415 Oak Street	Address	415 Oak Street	E
				F VOC TCL 4.3 (8260)
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106	G SVOC TCL 4.3 (8270)
Phone	(816) 412-1741	Phone	(816) 412-1741	H PCBs (8082)
Fax		Fax		I Total RCRA 8 Metals (6020/7470)
e-Mail Address	adam.watkins@tetratech.com	e-Mail Address		J Dissolved RCRA 8 Metals (6020/7470)* LabFltr*

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	DPTS-150	5-22-16	1540	Soil		1			X								
2	DPTS-151	5-22-16	1225	Soil		1			X								
3	DPTS-152	5-22-16	1230	Soil		1			X								
4	DPTS-153	5-22-16	1435	Soil		1			X								
5	DPTS-154	5-22-16	1445	Soil		1			X								
6	DPTS-155	5-22-16	1645	Soil		1			X								
7	DPTS-156	5-22-16	1645	Soil		1			X								
8	DPTS-157	5-22-16	1650	Soil		1			X								
9	Trip Blank-TSP-5/12/16-04	5-12-16	1200	Water		2						X					
10																	

Sampler(s) Please Print & Sign: (b) (6)

Shipment Method: Fed Ex

Required Turnaround Time: (Check Box)  Std 10 WK days  5 WK Days  2 WK Days  24 Hour

Results Due Date: (b) (6)

Date: 5-23-16 Time: 1100

Received by: (b) (6)

Notes: 5.24.16 - OP:00

Cooler ID: 25264 Cooler Temp: 1.5

QC Package: (Check One Box Below)  Level 2 Std QC  TRRP ChkList  Level 3 Std QCR on da  TRRP Level 4  Level 4 SW846/CLP  Other/EDD

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035

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# Chain of Custody Form

## HS16051515

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Page 1 of 2

COC ID: **145491**

Tetra Tech, Inc.

GSA Goodfellow 103D1058231



ALS Project Manager: Do

Customer Information		Project Information		
Purchase Order		Project Name	GSA Goodfellow	A VOC TCL 4.3 (5035/8260)
Work Order		Project Number	103D1058231	B SVOC TCL 4.3 (8270)
Company Name	Tetra Tech, Inc.	Bill To Company	Tetra Tech, Inc.	C PCBs (8082)
Send Report To	Adam Watkins	Invoice Attn	AP	D Moisture%
Address	415 Oak Street	Address	415 Oak Street	E
				F VOC TCL 4.3 (8260)
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106	G SVOC TCL 4.3 (8270)
Phone	(816) 412-1741	Phone	(816) 412-1741	H PCBs (8082)
Fax		Fax		I Total RCRA 8 Metals (6020/7470)
e-Mail Address	adam.watkins@tetratech.com	e-Mail Address		J Dissolved RCRA 8 Metals (6020/7470)*LabFiltr

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	DPTS-158	5-23-16	1445	Soil		1			X								
2	DPTS-159	5-23-16	0905	Soil		1			X								
3	DPTS-160	5-23-16	0910	Soil		1			X								
4	DPTS-161	5-23-16	1040	Soil		1			X								
5	DPTS-162	5-23-16	1050	Soil		1			X								
6	DPTS-163	5-23-16	1050	Soil		1			X								
7	DPTS-164	5-23-16	1340	Soil		1			X								
8	DPTS-165	5-23-16	1350	Soil		1			X								
9	DPTS-167	5-23-16	1525	Soil		1			X								
10	DPTS-168 <sup>0</sup>	5-23-16	1515	Soil		1			X								

Samples Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)			Results Due Date:	
(b) (6)		Fed Ex		<input checked="" type="checkbox"/> Std 10 WK days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				
(b) (6)		Date: 5-25-16	Time: 1730	Received by:		Notes:		
(b) (6)		Date:	Time:	Received by (Laboratory):		Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)
Logged by (Laboratory):		Date:	Time:	(b) (6)		24540	1.0	<input type="checkbox"/> Level 2 Std QC <input type="checkbox"/> TRRP ChkList <input type="checkbox"/> Level 3 Std QCR/ow da <input type="checkbox"/> TRRP Level 4 <input checked="" type="checkbox"/> Level 4 SW846/CLP <input type="checkbox"/> Other/EDD
Preservative Key:		1-HCl    2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH    5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other    8-4°C    9-5035						

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# Chain of Custody Form

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Page 1 of 1

COC ID: 145494

ALS Project Manager: Dane Wacasz ALS Work Order #: \_\_\_\_\_

## Environmental

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order		Project Name	GSA Goodfellow	A	VOC TCL 4.3 (5035/8260)										
Work Order		Project Number	103P1058231	B	SVOC TCL 4.3 (8270)										
Company Name	Tetra Tech, Inc.	Bill To Company	Tetra Tech, Inc.	C	PCBs (8082)										
Send Report To	Adam Watkins	Invoice Attn	AP	D	Moisture%										
Address	415 Oak Street	Address	415 Oak Street	E											
				F	VOC TCL 4.3 (8260)										
City/State/Zip	Kansas City, MO 64108	City/State/Zip	Kansas City, MO 64108	G	SVOC TCL 4.3 (8270)										
Phone	(816) 412-1741	Phone	(816) 412-1741	H	PCBs (8082)										
Fax		Fax		I	Total RCRA 8 Metals (6020/7470)										
e-Mail Address	adam.watkins@tetratech.com	e-Mail Address		J	Dissolved RCRA 8 Metals (6020/7470)-*LabFiltr*										

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
1	DPTGW-101	5/23/16	1535	Water		2												X
2	EB-1	5/24/16	1330	Water		2						X	X	X				
3	Trip Blank-TSP-05/20/16-01	5/23/16	1200	Water		2						X						
4																		
5																		
6																		
7																		
8																		
9																		
10																		

HS16051527

Tetra Tech, Inc.  
GSA Goodfellow 103P1058231



Sampler(s) Please Print & Sign: (b) (6) Shipment Method: Fed Ex Required Turnaround Time: (Check Box)  Std 10 WK days  5 WK Days  2 WK Days  24 Hour Other: \_\_\_\_\_ Results Due Date: \_\_\_\_\_

Date: 5-25-16 Time: 1730 Received by: (b) (6) Notes: \_\_\_\_\_

Logged by (Laboratory): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Checked by (Laboratory): \_\_\_\_\_ Cooler ID: 25462 Cooler Temp: 3.0 QC Package: (Check One Box Below)

Preservative Key: 1-HCl 2-HNO<sub>3</sub> 3-H<sub>2</sub>SO<sub>4</sub> 4-NaOH 5-Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 6-NaHSO<sub>4</sub> 7-Other 8-4°C 9-5035  Level 2 Std QC  TRRP ChkList  Level 3 Std QC/Row de  TRRP Level 4  Level 4 SW946/CLP  Other/EDD \_\_\_\_\_

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# Field Sample Collection Sheet

Project Number: 103G1058231 Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 RE

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-101

Sample Location Description: DPT-3,-4,-5,-6

Latitude: NA

Longitude: NA

Sample Collection Date: 5 / 18 / 16

Sample Collection Time: 16 : 30

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

## Sample Location Map:

0-1' BGS

COMPOSITE SAMPLE OF DPT-3,-4,-5,-6



# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 RI

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-102

Sample Location Description: N. SIDE OF BUILDING 107. PPT-3

Latitude: 38.693834

Longitude: -90.267134

Sample Collection Date: 5 / 18 / 16

Sample Collection Time: 13 : 20

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBS

## Property Owner Information:

## Sample Comments:

4'-0' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-103

Sample Location Description: NORTH OF BUILDING 107, DPT-3

Latitude: 38.693834

Longitude: -90.267134

Sample Collection Date: 5/18/16

Sample Collection Time: 13:25

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

23.5' - 27.5' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-104

Sample Location Description: NORTH SIDE OF BUILDING 107, DPT-4

Latitude: 38.693629

Longitude: -90.267225

Sample Collection Date: 5 / 18 / 16

Sample Collection Time: 14:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GODDFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-105

Sample Location Description: NORTH SIDE OF BUILDING 107, DPT-4

Latitude: 38.693629

Longitude: -90.267225

Sample Collection Date: 5/18/16

Sample Collection Time: 14:48

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

15'-19' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-106

Sample Location Description: SOUTHWEST CORNER OF BUILDING 107, DPT-S

Latitude: 38.693427

Longitude: -90.267243

Sample Collection Date: 5/18/16

Sample Collection Time: 15:45

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-107

Sample Location Description: SOUTHWEST CORNER OF BUILDING 107, DPT-5

Latitude: 38.693427

Longitude: -90.267243

Sample Collection Date: 5/18/16

Sample Collection Time: 15:50

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

12' - 16' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G 0158231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-108

Sample Location Description: SOUTH SIDE OF BUILDING 107, DPT-L

Latitude: 38.693705

Longitude: -90.266872

Sample Collection Date: 5/18/16

Sample Collection Time: 17:00

Sample collected by: ADAM WATKINS

### Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

### Property Owner Information:

### Sample Comments:

4'-8' BGS

### Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-109

Sample Location Description: SOUTH SIDE OF BUILDING 107, DPT-L

Latitude: 38.693705

Longitude: -90.266872

Sample Collection Date: 5/18/11

Sample Collection Time: 17:05

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

19'-23' BGS

## Sample Location Map:



# Field Sample Collection Sheet

Project Number: 10341058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-110

Sample Location Description: SOUTH OF BUILDING 107, DPT-107

Latitude: 38.693913

Longitude: -90.266705

Sample Collection Date: 5/19/16

Sample Collection Time: 07:50

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

0'-1' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-111

Sample Location Description: SOUTH OF BUILDING 107, DPT-7

Latitude: 38.693913

Longitude: -90.266705

Sample Collection Date: 5 / 19 / 16

Sample Collection Time: 08 : 25

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G1058231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-112

Sample Location Description: SOUTH OF BUILDING 107, DPT - 7

Latitude: 38.693913

Longitude: -90.266705

Sample Collection Date: 5/19/16

Sample Collection Time: 08:35

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

23' - 27' BUS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-113

Sample Location Description: SOUTH OF BUILDING 107, DPT-7

Latitude: 38.693913

Longitude: -90.266705

Sample Collection Date: 5/19/16

Sample Collection Time: 08:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

23'-27' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-114

Sample Location Description: SOUTH OF BUILDING 107, DPT-8

Latitude: 38.693496

Longitude: -90.266810

Sample Collection Date: 5/19/16

Sample Collection Time: 09:50

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-115

Sample Location Description: SOUTH OF BUILDING 107, DPT-8

Latitude: 38.693496

Longitude: -90.264910

Sample Collection Date: 5/19/16

Sample Collection Time: 10:00

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

8'-12' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 K1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-116

Sample Location Description: SOUTH OF VISITOR PARKING LOT, DPT-9

Latitude: 38.493044

Longitude: -90.267133

Sample Collection Date: 5/19/16

Sample Collection Time: 12:00

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

0'-1' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-117

Sample Location Description: SOUTH OF VISITOR PARKING LOT, DPT-9

Latitude: 38.693094

Longitude: -90.267133

Sample Collection Date: 5/19/16

Sample Collection Time: 12:15

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

4'-8' BG5

## Sample Location Map:



# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-118

Sample Location Description: SOUTH OF VISITOR PARKING LOT, DPT-9

Latitude: 38.693044

Longitude: -90.267133

Sample Collection Date: 5/19/16

Sample Collection Time: 12:25

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

8'-12' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-119

Sample Location Description: EAST OF BUILDING 102E, DPT-9, 10, & 11

Latitude: NA

Longitude: NA

Sample Collection Date: 5/20/16

Sample Collection Time: 08:45

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs

## Property Owner Information:

## Sample Comments:

0'-1' BGS

COMPOSITE SAMPLE OF DPT-9, 10, & 11

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-120

Sample Location Description: EAST OF BUILDING 102E, DPT-10

Latitude: 38.692865

Longitude: -90.267041

Sample Collection Date: 5/19/14

Sample Collection Time: 14:35

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-121

Sample Location Description: EAST OF BUILDING 102E, DPT-10

Latitude: 38.692865

Longitude: -90.267041

Sample Collection Date: 5/19/16

Sample Collection Time: 14:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs

## Property Owner Information:

## Sample Comments:

8'-12' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10361058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-122

Sample Location Description: NORTH SIDE OF BUILDING 102E, DPT-11

Latitude: 38.692614

Longitude: -90.267364

Sample Collection Date: 5/19/16

Sample Collection Time: 16:30

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-123

Sample Location Description: NORTH OF BUILDING 102E, DPT-11

Latitude: 38.692619

Longitude: -90.267369

Sample Collection Date: 5/19/16

Sample Collection Time: 16:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs

## Property Owner Information:

## Sample Comments:

12'-16' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231 Matrix: SOIL

Project ID: GSA GOODFELLOW Project Manager: ADAM WATKINS  
Site Name: 2016 R1 Site Location: ST. LOUIS, MO  
Site ID:

Sample Number: DPTS-124  
Sample Location Description: Northwest of building 102 E, DPT-12  
Latitude: 38.692515  
Longitude: -90.267664  
Sample Collection Date: 5/20/16  
Sample Collection Time: 07:40  
Sample collected by: ADAM WATKINS

### Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs

### Property Owner Information:

### Sample Comments:

4'-8' BGS

### Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-125

Sample Location Description: NORTHWEST OF BUILDING 102E, DPT-12

Latitude: 38.692515

Longitude: -90.267664

Sample Collection Date: 5/20/16

Sample Collection Time: 07:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SNDCs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:



# Field Sample Collection Sheet

Project Number: 103 G105 8231 Matrix: SOIL

Project ID: GISA GOODFELLOW Project Manager: ADAM WATKINS  
Site Name: 2016 R1 Site Location: ST. LOUIS, MO  
Site ID:

Sample Number: DPTS-126  
Sample Location Description: NORTHWEST OF BUILDING 102E, DPT-12  
Latitude: 38.692915  
Longitude: -90.267664  
Sample Collection Date: 5 / 20 / 16  
Sample Collection Time: 08:00  
Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs

## Property Owner Information:

## Sample Comments:

16'-20' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-127

Sample Location Description: NORTH OF BUILDING 102

Latitude: 38.693196

Longitude: -90.266981

Sample Collection Date: 5/20/16

Sample Collection Time: 08:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

0'-1' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 1031658231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-128

Sample Location Description: SURROUNDING BUILDING 102, DPT-13, 14, 15, 16, + 17

Latitude: NA

Longitude: NA

Sample Collection Date: 5/21/16

Sample Collection Time: 15:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs

## Property Owner Information:

## Sample Comments:

0'-1' BGS

COMPOSITE OF DPT-13, 14, 15, 16, + 17

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10361058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-129

Sample Location Description: NORTH OF BUILDING 102, DPT-13

Latitude: 38.693196

Longitude: -90.266980

Sample Collection Date: 5/20/16

Sample Collection Time: 09:07

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOLs, VOLs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10341058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-130

Sample Location Description: NORTH OF BUILDING 102, DPT-13

Latitude: 38.693196

Longitude: -90.266980

Sample Collection Date: 5/20/16

Sample Collection Time: 09:10

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

## Property Owner Information:

## Sample Comments:

10'-14' BGS

## Sample Location Map:

## Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-131

Sample Location Description: EAST OF BUILDING 102, DPT-14

Latitude: 38.693729

Longitude: -90.266232

Sample Collection Date: 5/20/16

Sample Collection Time: 10:35

Sample collected by: ADAM WATKINS

### Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

### Property Owner Information:

### Sample Comments:

4'-8' BGS

### Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10361058231

Matrix: SOIL

Project ID: CISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-132

Sample Location Description: EAST OF BUILDING 102, DPT-14

Latitude: 38.693724

Longitude: -90.266232

Sample Collection Date: 5 / 20 / 16

Sample Collection Time: 10 : 45

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

## Property Owner Information:

## Sample Comments:

12'-16' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G105B231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPT 5-133

Sample Location Description: DPT-15, EAST OF BUILDING 102

Latitude: 38.693482

Longitude: -90.265657

Sample Collection Date: 5/20/16

Sample Collection Time: 14:00

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

01-1' BGS

## Sample Location Map:



# Field Sample Collection Sheet

Project Number: 103G 1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-133

Sample Location Description: EAST OF BUILDING 102, DPT-15

Latitude: 38.693482

Longitude: -90.265657

Sample Collection Date: 5/20/16

Sample Collection Time: 14:00

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

0'-1' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G 1058231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-134

Sample Location Description: EAST OF BUILDING 102, DPT-15

Latitude: 38.693482

Longitude: -90.265657

Sample Collection Date: 5/20/16

Sample Collection Time: 14:30

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-135

Sample Location Description: EAST OF BUILDING 102, DPT-15

Latitude: 38.693482

Longitude: -90.265657

Sample Collection Date: 5/20/16

Sample Collection Time: 14:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

## Property Owner Information:

## Sample Comments:

20-24' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA MOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-136

Sample Location Description: DPT-16, SOUTH OF BUILDING 102

Latitude: 38.692796

Longitude: -90.264276

Sample Collection Date: 5/20/16

Sample Collection Time: 16:00

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 9105 8 2 31 Matrix: SOIL

Project ID: GISA GOODFELLOW Project Manager: ADAM WATKINS  
Site Name: 2016 R1 Site Location: ST. LOUIS, MO  
Site ID:

Sample Number: DPTS-137  
Sample Location Description: SOUTH OF BUILDING 102, DPT-1L  
Latitude: 38.69279L  
Longitude: -90.26627L  
Sample Collection Date: 5/20/16  
Sample Collection Time: 16:15  
Sample collected by: ADAM WATKINS

### Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

### Property Owner Information:

### Sample Comments:

10'-14' BGS

### Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10391058231 Matrix: SOIL

Project ID: GISA GOODFELLOW Project Manager: ADAM WATKINS  
Site Name: 2016 R1 Site Location: ST. LOUIS, MO  
Site ID:

Sample Number: DPTS-138  
Sample Location Description: BETWEEN BUILDINGS 104 + 104 E, DPT-18  
Latitude: NA  
Longitude: NA  
Sample Collection Date: 5/21/16  
Sample Collection Time: 15:50  
Sample collected by: ADAM WATKINS

Sample Information:

Container	Preservative	Holding Time	Analysis

PCBS

Property Owner Information:

Sample Comments:

0'-1' BGS  
COMPOSITE OF DPT-18, 19, + 20

Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-139

Sample Location Description: BETWEEN BUILDINGS 104 & 104 E, DPT-18

Latitude: 38.690920

Longitude: -90.265651

Sample Collection Date: 5/21/16

Sample Collection Time: 11:10

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10391058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-140

Sample Location Description: BETWEEN BUILDINGS 104 & 104E

Latitude: 38.690920

Longitude: -90.265651

Sample Collection Date: 5/21/16

Sample Collection Time: 11:20

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

## Property Owner Information:

PCBS

## Sample Comments:

21'-28' BUS

## Sample Location Map:



# Field Sample Collection Sheet

Project Number: 10361058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 K1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-191

Sample Location Description: DPT-19, BETWEEN BUILDINGS 104 & 104 F

Latitude: 38.691427

Longitude: -90.265372

Sample Collection Date: 5/21/16

Sample Collection Time: 12:10

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

1'-8' BGIS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G 1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-142

Sample Location Description: BETWEEN BUILDINGS 104 & 104 F, DPT-19

Latitude: 38.691427

Longitude: -90.265372

Sample Collection Date: 5/21/16

Sample Collection Time: 12:10

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

1'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-143

Sample Location Description: BETWEEN BUILDINGS 104 + 104F

Latitude: 38.691427

Longitude: -90.265372

Sample Collection Date: 5/21/16

Sample Collection Time: 12:30

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

20'-24' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-194

Sample Location Description: NORTH OF BUILDING 104, DPT-20

Latitude: 38.692093

Longitude: -90.264897

Sample Collection Date: 5/21/16

Sample Collection Time: 14:50

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10341058231

Matrix: SOIL

Project ID: EISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-145

Sample Location Description: NORTH OF BUILDING 109, DPT-20

Latitude: 38.692093

Longitude: -90.269897

Sample Collection Date: 5/21/16

Sample Collection Time: 15:00

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

12'-16' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2014 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-146

Sample Location Description: SOUTH OF BUILDING 102, DPT-17

Latitude: 38.692121

Longitude: -90.266617

Sample Collection Date: 5/21/14

Sample Collection Time: 15:35

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs

## Property Owner Information:

## Sample Comments:

0'-1' BGs

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: CISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 K1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-147

Sample Location Description: SOUTH OF BUILDING 102, DPT-17

Latitude: 38.692121

Longitude: -90.266617

Sample Collection Date: 5/21/16

Sample Collection Time: 16:00

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10361058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-148

Sample Location Description: SOUTH OF BUILDING 102, DPT-17

Latitude: 38.692121

Longitude: -90.266617

Sample Collection Date: 5/21/16

Sample Collection Time: 16:07

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

## Property Owner Information:

## Sample Comments:

141-18' BGS

## Sample Location Map:



# Field Sample Collection Sheet

Project Number: 103G 105 8231 Matrix: SOIL

Project ID: CISA GOODFELLOW  
Site Name: 2016 R1  
Site ID:

Project Manager: ADAM WATKINS  
Site Location: ST. LOUIS, MO

Sample Number: DPTS-149  
Sample Location Description: SOUTH OF BUILDING 102, DPT-17  
Latitude: 38.692121  
Longitude: -90.266617  
Sample Collection Date: 5/21/16  
Sample Collection Time: 16:07  
Sample collected by: ADAM WATKINS

### Sample Information:

Container	Preservative	Holding Time	Analysis

SVOCs, VOCs

### Property Owner Information:

### Sample Comments:

14'-18' BGS

### Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-150

Sample Location Description: SOUTH OF BUILDING 104, DPT-21, 22, & 23

Latitude: NA

Longitude: NA

Sample Collection Date: 5/22/16

Sample Collection Time: 15:40

Sample collected by: ADAM WATKINS

### Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

### Property Owner Information:

### Sample Comments:

0'-1' BGS

COMPOSITE SAMPLE OF DPT. 21, 22, & 23

### Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231 Matrix: SOIL

Project ID: GSA GOODFELLOW Project Manager: ADAM WATKINS  
Site Name: 2016 R1 Site Location: ST. LOUIS, MO  
Site ID:

Sample Number: DPTS-151  
Sample Location Description: SOUTH OF BUILDING 104, DPT-21  
Latitude: 38.691779  
Longitude: -90.264293  
Sample Collection Date: 5/22/16  
Sample Collection Time: 12:25  
Sample collected by: ADAM WATKINS

### Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

### Property Owner Information:

### Sample Comments:

4-8' BAS

### Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-152

Sample Location Description: SOUTH OF BUILDING 104, DPT-21

Latitude: 38.691779

Longitude: -90.264293

Sample Collection Date: 5/22/14

Sample Collection Time: 12:30

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

15'-19' BAS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231 Matrix: SOIL

Project ID: GSA GOODFELLOW Project Manager: ADAM WATKINS  
Site Name: 2014 R1 Site Location: ST. LOUIS, MO  
Site ID:

Sample Number: DPTS-153  
Sample Location Description: SOUTH OF BUILDING 104, DPT-22  
Latitude: 38.691142  
Longitude: -90.264858  
Sample Collection Date: 5/22/16  
Sample Collection Time: 14:35  
Sample collected by: ADAM WATKINS

Sample Information:

Container	Preservative	Holding Time	Analysis

PLBS

Property Owner Information:

Sample Comments:

4'-8' BGS

Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-154

Sample Location Description: SOUTH OF BUILDING 104, DPT-22

Latitude: 38.691142

Longitude: -90.264858

Sample Collection Date: 5/22/16

Sample Collection Time: 14:15

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

18'-22' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-155

Sample Location Description: SOUTH OF BUILDING 104, DPT-23

Latitude: 38.691142

Longitude: -90.264868

Sample Collection Date: 5/22/11

Sample Collection Time: 14:45

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G 1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-156

Sample Location Description: SOUTH OF BUILDING 104, DPT-23

Latitude: 38.691192

Longitude: -90.264858

Sample Collection Date: 5/22/16

Sample Collection Time: 16:45

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PLBs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:



# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-157

Sample Location Description: SOUTH OF BUILDING 104, DPT-23

Latitude: 38.691142

Longitude: -90.21858

Sample Collection Date: 5/22/16

Sample Collection Time: 16:50

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

2A'-28' BAGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-158

Sample Location Description: SURROUNDING BUILDING 108A, DPT-24, 25, 26, 27

Latitude: NA

Longitude: NA

Sample Collection Date: 5/23/16

Sample Collection Time: 14:45

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

0'-1' BGS

COMPOSITE SAMPLE OF DPT-24, 25, 26, + 27

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G1058231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS

Site ID:

Sample Number: DPTS-159

Sample Location Description: WEST OF SUBSTATION, DPT-24

Latitude: 38.688616

Longitude: -90.267307

Sample Collection Date: 5/29/16

Sample Collection Time: 09:05

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

0'-1' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G 1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-160

Sample Location Description: WEST OF SUBSTATION, DPT - 24

Latitude: 38.688616

Longitude: -90.267307

Sample Collection Date: 5/23/16

Sample Collection Time: 09:10

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

28'-32' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOOD FELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-161

Sample Location Description: NORTH OF BUILDING 108A, DPT-25

Latitude: 38.689093

Longitude: -90.267397

Sample Collection Date: 5/23/16

Sample Collection Time: 10:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-162

Sample Location Description: NORTH OF BUILDING 108A, DPT-25

Latitude: 38.689043

Longitude: -90.267397

Sample Collection Date: 5/23/16

Sample Collection Time: 10:50

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBS

## Property Owner Information:

## Sample Comments:

23'-27' BLS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-163

Sample Location Description: NORTH OF BUILDING 108A, DPT-25

Latitude: 38.689043

Longitude: -90.267397

Sample Collection Date: 5/23/16

Sample Collection Time: 10:50

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

23'-27' BAS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10361058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-164

Sample Location Description: EAST SIDE OF BUILDING 108A, DPT-26

Latitude: 38.689190

Longitude: -90.267156

Sample Collection Date: 5/23/14

Sample Collection Time: 13:40

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

4'-8' BGs

## Sample Location Map:



# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2014 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-165

Sample Location Description: EAST SIDE OF BUILDING 100A, DPT-26

Latitude: 38.689190

Longitude: -90.267156

Sample Collection Date: 5/23/14

Sample Collection Time: 13:50

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PLBS

## Property Owner Information:

## Sample Comments:

16'-20' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10341058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-166

Sample Location Description: EAST SIDE OF BUILDING JOB A, DPT-27

Latitude: 38.689101

Longitude: -90.266890

Sample Collection Date: 5/23/16

Sample Collection Time: 15:15

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

1'-3' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-167

Sample Location Description: EAST OF BUILDING 108A

Latitude: 38.689101

Longitude: -90.266890

Sample Collection Date: 5/23/16

Sample Collection Time: 15:25

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GODDFELLOW

Project Manager:

Site Name: 2016 R1

Site Location:

Site ID:

Sample Number: DPTS-168

Sample Location Description: EAST OF BUILDING 108A, DPT-27

Latitude: 38.689101

Longitude: -90.266890

Sample Collection Date: 5/23/16

Sample Collection Time: 15:25

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCB<sub>s</sub>

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

## Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: water

Project ID: ~~GSA~~ GOODFELLOW

Project Manager: Adam Watkins

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTGW-101

Sample Location Description: EAST OF BUILDING 108A

Latitude: 38.689101

Longitude: -90.2668910

Sample Collection Date: 5/23/16

Sample Collection Time: 15:35

Sample collected by: ADAM WATKINS

### Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

### Property Owner Information:

### Sample Comments:

15'-19' BGS

### Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G 105 8231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-169

Sample Location Description: SOUTH OF BUILDING 108A, DPT-28, 29, + 30

Latitude: NA

Longitude: NA

Sample Collection Date: 5/24/16

Sample Collection Time: 11:45

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

D'-1' BGS

COMPOSITE SAMPLE OF DPT-28, 29, + 30

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 10361058231

Matrix: SOIL

Project ID: GISA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-170

Sample Location Description: SOUTHEAST OF BUILDING 108A, DPT-28

Latitude: 38.488946

Longitude: -90.266504

Sample Collection Date: 5/23/16

Sample Collection Time: 14:55

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: SOIL

Project ID: GSA GODDFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-171

Sample Location Description: SOUTHEAST OF BUILDING 108A, DPT-28

Latitude: 38.688946

Longitude: -90.266509

Sample Collection Date: 5/23/16

Sample Collection Time: 17:00

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

## Property Owner Information:

## Sample Comments:

24'-28' BAS

## Sample Location Map:



# Field Sample Collection Sheet

Project Number: 10361058231 Matrix: SOIL

Project ID: GISA GOODFELLOW Project Manager: ADAM WATKINS  
Site Name: 2016 R1 Site Location: ST. LOUIS, MO  
Site ID:

Sample Number: DPTS-172  
Sample Location Description: SOUTH OF BUILDING 108A, DPT - 29  
Latitude: 38.68876  
Longitude: -90.266501  
Sample Collection Date: 5/29/16  
Sample Collection Time: 09:05  
Sample collected by: ADAM WATKINS

### Sample Information:

Container	Preservative	Holding Time	Analysis

PCBs

### Property Owner Information:

### Sample Comments:

4'-8' bgs

### Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103 G 105 8231

Matrix: SOIL

Project ID: GSA GODDFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-173

Sample Location Description: SOUTH OF BUILDING 108A, DPT-29

Latitude: 38.688716

Longitude: -90.266501

Sample Collection Date: 5/24/16

Sample Collection Time: 09:45

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBS

## Property Owner Information:

## Sample Comments:

24' - 28' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G 1058231

Matrix: SOIL

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2014 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: DPTS-174

Sample Location Description: SOUTH OF BUILDING 108A, DPT-30

Latitude: 38.688718

Longitude: -90.266925

Sample Collection Date: 5/24/14

Sample Collection Time: 12:15

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

PCBS

## Property Owner Information:

## Sample Comments:

4'-8' BGS

## Sample Location Map:

# Field Sample Collection Sheet

Project Number: 103G1058231

Matrix: WATER

Project ID: GSA GOODFELLOW

Project Manager: ADAM WATKINS

Site Name: 2016 R1

Site Location: ST. LOUIS, MO

Site ID:

Sample Number: EB-1

Sample Location Description: NA

Latitude: NA

Longitude: NA

Sample Collection Date: 5/24/16

Sample Collection Time: 13:30

Sample collected by: ADAM WATKINS

## Sample Information:

Container	Preservative	Holding Time	Analysis

VOCs, SVOCs, PCBs

## Property Owner Information:

## Sample Comments:

EQUIPMENT BLANK

## Sample Location Map:

**APPENDIX G**  
**LABORATORY ANALYTICAL DATA PACKAGES**



---

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June 09, 2016

Adam Watkins  
Tetra Tech, Inc.  
415 Oak Street  
Kansas City, MO 64106

Work Order: **HS16051317**

Laboratory Results for: **GSA Goodfellow 103P1058231**

Dear Adam,

ALS Environmental received 61 sample(s) on May 24, 2016 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

(b) (6)

Generated By: Jumoke.Lawal

Dane J. Wacasey

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051317

**SAMPLE SUMMARY**

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS16051317-01	DPTS-101	Soil		18-May-2016 16:38	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-02	DPTS-102	Soil		18-May-2016 13:20	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-03	DPTS-103	Soil		18-May-2016 13:25	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-04	DPTS-104	Soil		18-May-2016 14:40	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-05	DPTS-105	Soil		18-May-2016 14:48	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-06	DPTS-106	Soil		18-May-2016 15:45	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-07	DPTS-107	Soil		18-May-2016 15:50	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-08	DPTS-108	Soil		18-May-2016 17:00	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-09	DPTS-109	Soil		18-May-2016 17:05	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-10	DPTS-110	Soil		19-May-2016 07:50	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-11	DPTS-111	Soil		19-May-2016 08:25	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-12	DPTS-112	Soil		19-May-2016 08:35	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-13	DPTS-113	Soil		19-May-2016 08:40	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-14	DPTS-114	Soil		19-May-2016 09:50	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-15	DPTS-115	Soil		19-May-2016 10:00	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-16	DPTS-116	Soil		19-May-2016 12:00	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-17	DPTS-117	Soil		19-May-2016 12:15	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-18	DPTS-118	Soil		19-May-2016 12:25	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-19	Trip Blank-TSP-05/12/16-01	Water		18-May-2016 12:30	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-20	DPTS-119	Soil		20-May-2016 08:45	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-21	DPTS-120	Soil		19-May-2016 14:35	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-22	DPTS-121	Soil		19-May-2016 14:40	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-23	DPTS-122	Soil		19-May-2016 16:30	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-24	DPTS-123	Soil		19-May-2016 16:40	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-25	DPTS-124	Soil		20-May-2016 07:40	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-26	DPTS-125	Soil		20-May-2016 07:40	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-27	DPTS-126	Soil		20-May-2016 08:00	24-May-2016 09:00	<input type="checkbox"/>

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051317

**SAMPLE SUMMARY**

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS16051317-28	DPTS-127	Soil		20-May-2016 08:40	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-29	DPTS-128	Soil		20-May-2016 08:55	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-30	DPTS-129	Soil		20-May-2016 09:05	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-31	DPTS-130	Soil		20-May-2016 09:10	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-32	DPTS-131	Soil		20-May-2016 10:35	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-33	DPTS-132	Soil		20-May-2016 10:45	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-34	Trip Blank-TSP-05/12/16-02	Water		18-May-2016 11:00	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-35	DPTS-133	Soil		20-May-2016 14:00	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-36	DPTS-134	Soil		20-May-2016 14:30	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-37	DPTS-135	Soil		20-May-2016 14:40	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-38	DPTS-136	Soil		20-May-2016 16:00	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-39	DPTS-137	Soil		20-May-2016 16:15	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-40	DPTS-138	Soil		21-May-2016 15:50	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-41	DPTS-139	Soil		21-May-2016 11:10	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-42	DPTS-140	Soil		21-May-2016 11:20	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-43	DPTS-141	Soil		21-May-2016 12:10	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-44	DPTS-142	Soil		21-May-2016 12:10	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-45	DPTS-143	Soil		21-May-2016 12:30	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-46	DPTS-144	Soil		21-May-2016 14:50	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-47	DPTS-145	Soil		21-May-2016 15:00	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-48	DPTS-146	Soil		21-May-2016 15:35	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-49	DPTS-147	Soil		21-May-2016 16:00	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-50	DPTS-148	Soil		21-May-2016 16:07	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-51	DPTS-149	Soil		21-May-2016 16:07	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-52	Trip blank-TSP-05/12/16-03	Water		18-May-2016 16:10	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-53	DPTS-150	Soil		22-May-2016 15:40	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-54	DPTS-151	Soil		22-May-2016 12:25	24-May-2016 09:00	<input type="checkbox"/>



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051317

**SAMPLE SUMMARY**

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS16051317-55	DPTS-152	Soil		22-May-2016 12:30	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-56	DPTS-153	Soil		22-May-2016 14:35	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-57	DPTS-154	Soil		22-May-2016 14:45	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-58	DPTS-155	Soil		22-May-2016 16:45	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-59	DPTS-156	Soil		22-May-2016 16:45	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-60	DPTS-157	Soil		22-May-2016 16:50	24-May-2016 09:00	<input type="checkbox"/>
HS16051317-61	Trip Blank-TSP-5/12/16-04	Water		18-May-2016 12:00	24-May-2016 09:00	<input type="checkbox"/>

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051317

**CASE NARRATIVE**

---

**ECD Organics by Method SW8082****Batch ID: 104748,104757**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

---

**GCMS Semivolatiles by Method SW8270****Batch ID: 104799**Sample ID: **DPTS-120(HS16051317-21MS)**

- The MS recovery was below the lower control limit.

Sample ID: **DPTS-120 (HS16051317-21MSD)**

- The RPD between the MS and MSD was outside of the control limit.

---

**GCMS Volatiles by Method SW8270****Batch ID: R275294**Sample ID: **DPTS-137 (HS16051317-39)**

- Surrogates failure due to sample matrix.

---

**GCMS Volatiles by Method SW8260****Batch ID: R275272**Sample ID: **DPTS-110 (HS16051317-10)**Sample ID: **DPTS-111 (HS16051317-11)**Sample ID: **DPTS-111 (HS16051317-12)**Sample ID: **DPTS-113 (HS16051317-13)**Sample ID: **DPTS-114 (HS16051317-14)**Sample ID: **DPTS-115 (HS16051317-15)**Sample ID: **DPTS-116 (HS16051317-16)**Sample ID: **DPTS-117 (HS16051317-17)**Sample ID: **DPTS-118 (HS16051317-18)**Sample ID: **DPTS-129 (HS16051317-30)**Sample ID: **DPTS-127 (HS16051317-28)**

- Surrogates failure due to sample matrix.

Sample ID: **HS16051345-01MSD**

- MSD is for an unrelated sample

**Batch ID: R275294**Sample ID: **DPTS-130 (HS16051317-31)**Sample ID: **DPTS-131 (HS16051317-32)**Sample ID: **DPTS-132 (HS16051317-33)**Sample ID: **DPTS-133 (HS16051317-35)**Sample ID: **DPTS-134 (HS16051317-36)**Sample ID: **DPTS-135 (HS16051317-37)**Sample ID: **DPTS-136 (HS16051317-38)**Sample ID: **DPTS-147 (HS16051317-49)**Sample ID: **DPTS-148 (HS16051317-50)**Sample ID: **DPTS-149 (HS16051317-51)**Sample ID: **DPTS-146 (HS16051317-48)**

- Surrogates failure due to sample matrix.

**Batch ID: R275284**Sample ID: **HS16051096-03MS**

- MS and MSD are for unrelated sample

---

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051317

---

**CASE NARRATIVE**

---

**GCMS Volatiles by Method SW8260**

**Batch ID: R275402**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

---

**WetChemistry by Method ASTM D2216**

**Batch ID: R275067,R275068,R275069**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-101  
 Collection Date: 18-May-2016 16:38

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-01  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0051	0.020	mg/Kg-dry	1	30-May-2016 00:42
Aroclor 1221	U		0.0068	0.020	mg/Kg-dry	1	30-May-2016 00:42
Aroclor 1232	U		0.0055	0.020	mg/Kg-dry	1	30-May-2016 00:42
Aroclor 1242	U		0.0072	0.020	mg/Kg-dry	1	30-May-2016 00:42
Aroclor 1248	U		0.0072	0.020	mg/Kg-dry	1	30-May-2016 00:42
Aroclor 1254	U		0.0057	0.020	mg/Kg-dry	1	30-May-2016 00:42
Aroclor 1260	U		0.0029	0.020	mg/Kg-dry	1	30-May-2016 00:42
Surr: Decachlorobiphenyl	78.9			54-143	%REC	1	30-May-2016 00:42
Surr: Tetrachloro-m-xylene	62.6			50-140	%REC	1	30-May-2016 00:42
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	17.9		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-102  
 Collection Date: 18-May-2016 13:20

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-02  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0054	0.021	mg/Kg-dry	1	30-May-2016 00:58
Aroclor 1221	U		0.0072	0.021	mg/Kg-dry	1	30-May-2016 00:58
Aroclor 1232	U		0.0058	0.021	mg/Kg-dry	1	30-May-2016 00:58
Aroclor 1242	U		0.0076	0.021	mg/Kg-dry	1	30-May-2016 00:58
Aroclor 1248	U		0.0076	0.021	mg/Kg-dry	1	30-May-2016 00:58
Aroclor 1254	U		0.0060	0.021	mg/Kg-dry	1	30-May-2016 00:58
Aroclor 1260	U		0.0031	0.021	mg/Kg-dry	1	30-May-2016 00:58
Surr: Decachlorobiphenyl	73.1			54-143	%REC	1	30-May-2016 00:58
Surr: Tetrachloro-m-xylene	67.2			50-140	%REC	1	30-May-2016 00:58
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	22.5		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-103  
 Collection Date: 18-May-2016 13:25

**ANALYTICAL REPORT**

WorkOrder:HS16051317  
 Lab ID:HS16051317-03  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0050	0.020	mg/Kg-dry	1	30-May-2016 01:15
Aroclor 1221	U		0.0067	0.020	mg/Kg-dry	1	30-May-2016 01:15
Aroclor 1232	U		0.0054	0.020	mg/Kg-dry	1	30-May-2016 01:15
Aroclor 1242	U		0.0070	0.020	mg/Kg-dry	1	30-May-2016 01:15
Aroclor 1248	U		0.0070	0.020	mg/Kg-dry	1	30-May-2016 01:15
Aroclor 1254	U		0.0056	0.020	mg/Kg-dry	1	30-May-2016 01:15
Aroclor 1260	U		0.0029	0.020	mg/Kg-dry	1	30-May-2016 01:15
<i>Surr: Decachlorobiphenyl</i>	89.6			54-143	%REC	1	30-May-2016 01:15
<i>Surr: Tetrachloro-m-xylene</i>	60.8			50-140	%REC	1	30-May-2016 01:15
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	16.3		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-104  
 Collection Date: 18-May-2016 14:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-04  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016		Analyst: STH
Aroclor 1016	U		0.0052	0.021	mg/Kg-dry	1	30-May-2016 01:31
Aroclor 1221	U		0.0069	0.021	mg/Kg-dry	1	30-May-2016 01:31
Aroclor 1232	U		0.0056	0.021	mg/Kg-dry	1	30-May-2016 01:31
Aroclor 1242	U		0.0073	0.021	mg/Kg-dry	1	30-May-2016 01:31
Aroclor 1248	U		0.0073	0.021	mg/Kg-dry	1	30-May-2016 01:31
Aroclor 1254	U		0.0058	0.021	mg/Kg-dry	1	30-May-2016 01:31
Aroclor 1260	U		0.0030	0.021	mg/Kg-dry	1	30-May-2016 01:31
<i>Surr: Decachlorobiphenyl</i>	88.0			54-143	%REC	1	30-May-2016 01:31
<i>Surr: Tetrachloro-m-xylene</i>	64.4			50-140	%REC	1	30-May-2016 01:31
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	19.5		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-105  
 Collection Date: 18-May-2016 14:48

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-05  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>		Prep:SW3546/3665A / 27-May-2016 Analyst: STH			
Aroclor 1016	U		0.0047	0.019	mg/Kg-dry	1	30-May-2016 01:47
Aroclor 1221	U		0.0063	0.019	mg/Kg-dry	1	30-May-2016 01:47
Aroclor 1232	U		0.0051	0.019	mg/Kg-dry	1	30-May-2016 01:47
Aroclor 1242	U		0.0067	0.019	mg/Kg-dry	1	30-May-2016 01:47
Aroclor 1248	U		0.0067	0.019	mg/Kg-dry	1	30-May-2016 01:47
Aroclor 1254	U		0.0053	0.019	mg/Kg-dry	1	30-May-2016 01:47
Aroclor 1260	U		0.0027	0.019	mg/Kg-dry	1	30-May-2016 01:47
<i>Surr: Decachlorobiphenyl</i>	85.9			54-143	%REC	1	30-May-2016 01:47
<i>Surr: Tetrachloro-m-xylene</i>	68.0			50-140	%REC	1	30-May-2016 01:47
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	11.6		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-106  
 Collection Date: 18-May-2016 15:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-06  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0054	0.021	mg/Kg-dry	1	30-May-2016 02:03
Aroclor 1221	U		0.0072	0.021	mg/Kg-dry	1	30-May-2016 02:03
Aroclor 1232	U		0.0058	0.021	mg/Kg-dry	1	30-May-2016 02:03
Aroclor 1242	U		0.0076	0.021	mg/Kg-dry	1	30-May-2016 02:03
Aroclor 1248	U		0.0076	0.021	mg/Kg-dry	1	30-May-2016 02:03
Aroclor 1254	U		0.0060	0.021	mg/Kg-dry	1	30-May-2016 02:03
Aroclor 1260	U		0.0031	0.021	mg/Kg-dry	1	30-May-2016 02:03
<i>Surr: Decachlorobiphenyl</i>	89.1			54-143	%REC	1	30-May-2016 02:03
<i>Surr: Tetrachloro-m-xylene</i>	71.3			50-140	%REC	1	30-May-2016 02:03
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	22.3		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-107  
 Collection Date: 18-May-2016 15:50

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-07  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0049	0.019	mg/Kg-dry	1	30-May-2016 02:36
Aroclor 1221	U		0.0065	0.019	mg/Kg-dry	1	30-May-2016 02:36
Aroclor 1232	U		0.0052	0.019	mg/Kg-dry	1	30-May-2016 02:36
Aroclor 1242	U		0.0068	0.019	mg/Kg-dry	1	30-May-2016 02:36
Aroclor 1248	U		0.0068	0.019	mg/Kg-dry	1	30-May-2016 02:36
Aroclor 1254	U		0.0055	0.019	mg/Kg-dry	1	30-May-2016 02:36
Aroclor 1260	U		0.0028	0.019	mg/Kg-dry	1	30-May-2016 02:36
Surr: Decachlorobiphenyl	89.1			54-143	%REC	1	30-May-2016 02:36
Surr: Tetrachloro-m-xylene	68.2			50-140	%REC	1	30-May-2016 02:36
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	14.2		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-108  
 Collection Date: 18-May-2016 17:00

**ANALYTICAL REPORT**

WorkOrder:HS16051317  
 Lab ID:HS16051317-08  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0053	0.021	mg/Kg-dry	1	30-May-2016 02:52
Aroclor 1221	U		0.0071	0.021	mg/Kg-dry	1	30-May-2016 02:52
Aroclor 1232	U		0.0057	0.021	mg/Kg-dry	1	30-May-2016 02:52
Aroclor 1242	U		0.0075	0.021	mg/Kg-dry	1	30-May-2016 02:52
Aroclor 1248	U		0.0075	0.021	mg/Kg-dry	1	30-May-2016 02:52
Aroclor 1254	U		0.0060	0.021	mg/Kg-dry	1	30-May-2016 02:52
Aroclor 1260	U		0.0031	0.021	mg/Kg-dry	1	30-May-2016 02:52
Surr: Decachlorobiphenyl	83.4			54-143	%REC	1	30-May-2016 02:52
Surr: Tetrachloro-m-xylene	63.9			50-140	%REC	1	30-May-2016 02:52
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	21.7		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-109  
 Collection Date: 18-May-2016 17:05

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-09  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0053	0.021	mg/Kg-dry	1	30-May-2016 03:41
Aroclor 1221	U		0.0070	0.021	mg/Kg-dry	1	30-May-2016 03:41
Aroclor 1232	U		0.0056	0.021	mg/Kg-dry	1	30-May-2016 03:41
Aroclor 1242	U		0.0074	0.021	mg/Kg-dry	1	30-May-2016 03:41
Aroclor 1248	U		0.0074	0.021	mg/Kg-dry	1	30-May-2016 03:41
Aroclor 1254	U		0.0059	0.021	mg/Kg-dry	1	30-May-2016 03:41
Aroclor 1260	U		0.0030	0.021	mg/Kg-dry	1	30-May-2016 03:41
<i>Surr: Decachlorobiphenyl</i>	83.8			54-143	%REC	1	30-May-2016 03:41
<i>Surr: Tetrachloro-m-xylene</i>	62.9			50-140	%REC	1	30-May-2016 03:41
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	20.7		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-110  
 Collection Date: 19-May-2016 07:50

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-10  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,1,2,2-Tetrachloroethane	U		0.00079	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00069	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,1,2-Trichloroethane	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,1-Dichloroethane	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,1-Dichloroethene	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,2,4-Trichlorobenzene	U		0.0011	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,2-Dibromo-3-chloropropane	U		0.0016	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,2-Dibromoethane	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,2-Dichlorobenzene	U		0.00099	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,2-Dichloroethane	U		0.00059	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,2-Dichloropropane	U		0.00079	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,3-Dichlorobenzene	U		0.0011	0.0049	mg/Kg-dry	1	29-May-2016 14:23
1,4-Dichlorobenzene	U		0.00099	0.0049	mg/Kg-dry	1	29-May-2016 14:23
2-Butanone	U		0.0013	0.0099	mg/Kg-dry	1	29-May-2016 14:23
2-Hexanone	U		0.0014	0.0099	mg/Kg-dry	1	29-May-2016 14:23
4-Methyl-2-pentanone	U		0.0020	0.0099	mg/Kg-dry	1	29-May-2016 14:23
<b>Acetone</b>	<b>0.065</b>		<b>0.0031</b>	<b>0.020</b>	<b>mg/Kg-dry</b>	1	29-May-2016 14:23
Benzene	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Bromodichloromethane	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Bromoform	U		0.00059	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Bromomethane	U		0.00099	0.0099	mg/Kg-dry	1	29-May-2016 14:23
Carbon disulfide	U		0.00059	0.0099	mg/Kg-dry	1	29-May-2016 14:23
Carbon tetrachloride	U		0.00059	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Chlorobenzene	U		0.00059	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Chloroethane	U		0.00079	0.0099	mg/Kg-dry	1	29-May-2016 14:23
Chloroform	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Chloromethane	U		0.00049	0.0099	mg/Kg-dry	1	29-May-2016 14:23
cis-1,2-Dichloroethene	U		0.00079	0.0049	mg/Kg-dry	1	29-May-2016 14:23
cis-1,3-Dichloropropene	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Cyclohexane	U		0.00099	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Dibromochloromethane	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Dichlorodifluoromethane	U		0.00069	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Ethylbenzene	U		0.00069	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Isopropylbenzene	U		0.00089	0.0049	mg/Kg-dry	1	29-May-2016 14:23
m,p-Xylene	U		0.0016	0.0099	mg/Kg-dry	1	29-May-2016 14:23
Methyl acetate	U		0.00069	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Methyl tert-butyl ether	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Methylcyclohexane	U		0.0012	0.0049	mg/Kg-dry	1	29-May-2016 14:23

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-110  
 Collection Date: 19-May-2016 07:50

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-10  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride	U		0.00099	0.0099	mg/Kg-dry	1	29-May-2016 14:23
o-Xylene	U		0.00099	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Styrene	U		0.00069	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Tetrachloroethene	U		0.00069	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Toluene	U		0.00059	0.0049	mg/Kg-dry	1	29-May-2016 14:23
trans-1,2-Dichloroethene	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
trans-1,3-Dichloropropene	U		0.00059	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Trichloroethene	U		0.00059	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Trichlorofluoromethane	U		0.00049	0.0049	mg/Kg-dry	1	29-May-2016 14:23
Vinyl chloride	U		0.00079	0.0020	mg/Kg-dry	1	29-May-2016 14:23
Xylenes, Total	U		0.0024	0.0099	mg/Kg-dry	1	29-May-2016 14:23
Surr: 1,2-Dichloroethane-d4	99.9			70-128	%REC	1	29-May-2016 14:23
Surr: 4-Bromofluorobenzene	94.8			73-126	%REC	1	29-May-2016 14:23
Surr: Dibromofluoromethane	22.4	S		71-128	%REC	1	29-May-2016 14:23
Surr: Toluene-d8	101			73-127	%REC	1	29-May-2016 14:23
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	16.9		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-111  
 Collection Date: 19-May-2016 08:25

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-11  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR			
1,1,1-Trichloroethane	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,1,2,2-Tetrachloroethane	U		0.00092	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00080	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,1,2-Trichloroethane	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,1-Dichloroethane	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,1-Dichloroethene	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,2,4-Trichlorobenzene	U		0.0013	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,2-Dibromo-3-chloropropane	U		0.0018	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,2-Dibromoethane	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,2-Dichlorobenzene	U		0.0011	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,2-Dichloroethane	U		0.00069	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,2-Dichloropropane	U		0.00092	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,3-Dichlorobenzene	U		0.0013	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
1,4-Dichlorobenzene	U		0.0011	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
2-Butanone	U		0.0015	0.011	mg/Kg-dry	1	29-May-2016 14:46	
2-Hexanone	U		0.0016	0.011	mg/Kg-dry	1	29-May-2016 14:46	
4-Methyl-2-pentanone	U		0.0023	0.011	mg/Kg-dry	1	29-May-2016 14:46	
Acetone	U		0.0035	0.023	mg/Kg-dry	1	29-May-2016 14:46	
Benzene	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Bromodichloromethane	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Bromoform	U		0.00069	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Bromomethane	U		0.0011	0.011	mg/Kg-dry	1	29-May-2016 14:46	
Carbon disulfide	U		0.00069	0.011	mg/Kg-dry	1	29-May-2016 14:46	
Carbon tetrachloride	U		0.00069	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Chlorobenzene	U		0.00069	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Chloroethane	U		0.00092	0.011	mg/Kg-dry	1	29-May-2016 14:46	
Chloroform	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Chloromethane	U		0.00057	0.011	mg/Kg-dry	1	29-May-2016 14:46	
cis-1,2-Dichloroethene	U		0.00092	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
cis-1,3-Dichloropropene	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Cyclohexane	U		0.0011	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Dibromochloromethane	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Dichlorodifluoromethane	U		0.00080	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Ethylbenzene	U		0.00080	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Isopropylbenzene	U		0.0010	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
m,p-Xylene	U		0.0018	0.011	mg/Kg-dry	1	29-May-2016 14:46	
Methyl acetate	U		0.00080	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Methyl tert-butyl ether	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46	
Methylcyclohexane	U		0.0014	0.0057	mg/Kg-dry	1	29-May-2016 14:46	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-111  
 Collection Date: 19-May-2016 08:25

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-11  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
Methylene chloride	U		0.0011	0.011	mg/Kg-dry	1	29-May-2016 14:46
o-Xylene	U		0.0011	0.0057	mg/Kg-dry	1	29-May-2016 14:46
Styrene	U		0.00080	0.0057	mg/Kg-dry	1	29-May-2016 14:46
Tetrachloroethene	U		0.00080	0.0057	mg/Kg-dry	1	29-May-2016 14:46
Toluene	U		0.00069	0.0057	mg/Kg-dry	1	29-May-2016 14:46
trans-1,2-Dichloroethene	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46
trans-1,3-Dichloropropene	U		0.00069	0.0057	mg/Kg-dry	1	29-May-2016 14:46
Trichloroethene	U		0.00069	0.0057	mg/Kg-dry	1	29-May-2016 14:46
Trichlorofluoromethane	U		0.00057	0.0057	mg/Kg-dry	1	29-May-2016 14:46
Vinyl chloride	U		0.00092	0.0023	mg/Kg-dry	1	29-May-2016 14:46
Xylenes, Total	U		0.0027	0.011	mg/Kg-dry	1	29-May-2016 14:46
Surr: 1,2-Dichloroethane-d4	98.4			70-128	%REC	1	29-May-2016 14:46
Surr: 4-Bromofluorobenzene	98.0			73-126	%REC	1	29-May-2016 14:46
Surr: Dibromofluoromethane	27.8	S		71-128	%REC	1	29-May-2016 14:46
Surr: Toluene-d8	98.2			73-127	%REC	1	29-May-2016 14:46
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	22.2		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-112  
 Collection Date: 19-May-2016 08:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-12  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,1,2,2-Tetrachloroethane	U		0.00065	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00057	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,1,2-Trichloroethane	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,1-Dichloroethane	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,1-Dichloroethene	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,2,4-Trichlorobenzene	U		0.00090	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,2-Dibromo-3-chloropropane	U		0.0013	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,2-Dibromoethane	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,2-Dichlorobenzene	U		0.00082	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,2-Dichloroethane	U		0.00049	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,2-Dichloropropane	U		0.00065	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,3-Dichlorobenzene	U		0.00090	0.0041	mg/Kg-dry	1	29-May-2016 15:10
1,4-Dichlorobenzene	U		0.00082	0.0041	mg/Kg-dry	1	29-May-2016 15:10
2-Butanone	U		0.0011	0.0082	mg/Kg-dry	1	29-May-2016 15:10
2-Hexanone	U		0.0011	0.0082	mg/Kg-dry	1	29-May-2016 15:10
4-Methyl-2-pentanone	U		0.0016	0.0082	mg/Kg-dry	1	29-May-2016 15:10
Acetone	U		0.0025	0.016	mg/Kg-dry	1	29-May-2016 15:10
Benzene	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Bromodichloromethane	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Bromoform	U		0.00049	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Bromomethane	U		0.00082	0.0082	mg/Kg-dry	1	29-May-2016 15:10
Carbon disulfide	U		0.00049	0.0082	mg/Kg-dry	1	29-May-2016 15:10
Carbon tetrachloride	U		0.00049	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Chlorobenzene	U		0.00049	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Chloroethane	U		0.00065	0.0082	mg/Kg-dry	1	29-May-2016 15:10
Chloroform	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Chloromethane	U		0.00041	0.0082	mg/Kg-dry	1	29-May-2016 15:10
cis-1,2-Dichloroethene	U		0.00065	0.0041	mg/Kg-dry	1	29-May-2016 15:10
cis-1,3-Dichloropropene	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Cyclohexane	U		0.00082	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Dibromochloromethane	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Dichlorodifluoromethane	U		0.00057	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Ethylbenzene	U		0.00057	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Isopropylbenzene	U		0.00073	0.0041	mg/Kg-dry	1	29-May-2016 15:10
m,p-Xylene	U		0.0013	0.0082	mg/Kg-dry	1	29-May-2016 15:10
Methyl acetate	U		0.00057	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Methyl tert-butyl ether	U		0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Methylcyclohexane	U		0.00098	0.0041	mg/Kg-dry	1	29-May-2016 15:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-112  
 Collection Date: 19-May-2016 08:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-12  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
Methylene chloride		U	0.00082	0.0082	mg/Kg-dry	1	29-May-2016 15:10
o-Xylene		U	0.00082	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Styrene		U	0.00057	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Tetrachloroethene		U	0.00057	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Toluene		U	0.00049	0.0041	mg/Kg-dry	1	29-May-2016 15:10
trans-1,2-Dichloroethene		U	0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
trans-1,3-Dichloropropene		U	0.00049	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Trichloroethene		U	0.00049	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Trichlorofluoromethane		U	0.00041	0.0041	mg/Kg-dry	1	29-May-2016 15:10
Vinyl chloride		U	0.00065	0.0016	mg/Kg-dry	1	29-May-2016 15:10
Xylenes, Total		U	0.0020	0.0082	mg/Kg-dry	1	29-May-2016 15:10
Surr: 1,2-Dichloroethane-d4	86.5			70-128	%REC	1	29-May-2016 15:10
Surr: 4-Bromofluorobenzene	93.7			73-126	%REC	1	29-May-2016 15:10
Surr: Dibromofluoromethane	31.4	S		71-128	%REC	1	29-May-2016 15:10
Surr: Toluene-d8	97.8			73-127	%REC	1	29-May-2016 15:10
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	11.7		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-113  
 Collection Date: 19-May-2016 08:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-13  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,1,2,2-Tetrachloroethane	U		0.00071	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00063	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,1,2-Trichloroethane	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,1-Dichloroethane	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,1-Dichloroethene	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,2,4-Trichlorobenzene	U		0.00098	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,2-Dibromo-3-chloropropane	U		0.0014	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,2-Dibromoethane	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,2-Dichlorobenzene	U		0.00089	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,2-Dichloroethane	U		0.00054	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,2-Dichloropropane	U		0.00071	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,3-Dichlorobenzene	U		0.00098	0.0045	mg/Kg-dry	1	29-May-2016 15:33
1,4-Dichlorobenzene	U		0.00089	0.0045	mg/Kg-dry	1	29-May-2016 15:33
2-Butanone	U		0.0012	0.0089	mg/Kg-dry	1	29-May-2016 15:33
2-Hexanone	U		0.0013	0.0089	mg/Kg-dry	1	29-May-2016 15:33
4-Methyl-2-pentanone	U		0.0018	0.0089	mg/Kg-dry	1	29-May-2016 15:33
Acetone	U		0.0028	0.018	mg/Kg-dry	1	29-May-2016 15:33
Benzene	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Bromodichloromethane	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Bromoform	U		0.00054	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Bromomethane	U		0.00089	0.0089	mg/Kg-dry	1	29-May-2016 15:33
Carbon disulfide	U		0.00054	0.0089	mg/Kg-dry	1	29-May-2016 15:33
Carbon tetrachloride	U		0.00054	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Chlorobenzene	U		0.00054	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Chloroethane	U		0.00071	0.0089	mg/Kg-dry	1	29-May-2016 15:33
Chloroform	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Chloromethane	U		0.00045	0.0089	mg/Kg-dry	1	29-May-2016 15:33
cis-1,2-Dichloroethene	U		0.00071	0.0045	mg/Kg-dry	1	29-May-2016 15:33
cis-1,3-Dichloropropene	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Cyclohexane	U		0.00089	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Dibromochloromethane	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Dichlorodifluoromethane	U		0.00063	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Ethylbenzene	U		0.00063	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Isopropylbenzene	U		0.00080	0.0045	mg/Kg-dry	1	29-May-2016 15:33
m,p-Xylene	U		0.0014	0.0089	mg/Kg-dry	1	29-May-2016 15:33
Methyl acetate	U		0.00063	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Methyl tert-butyl ether	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Methylcyclohexane	U		0.0011	0.0045	mg/Kg-dry	1	29-May-2016 15:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-113  
 Collection Date: 19-May-2016 08:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-13  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
Methylene chloride	U		0.00089	0.0089	mg/Kg-dry	1	29-May-2016 15:33
o-Xylene	U		0.00089	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Styrene	U		0.00063	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Tetrachloroethene	U		0.00063	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Toluene	U		0.00054	0.0045	mg/Kg-dry	1	29-May-2016 15:33
trans-1,2-Dichloroethene	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
trans-1,3-Dichloropropene	U		0.00054	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Trichloroethene	U		0.00054	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Trichlorofluoromethane	U		0.00045	0.0045	mg/Kg-dry	1	29-May-2016 15:33
Vinyl chloride	U		0.00071	0.0018	mg/Kg-dry	1	29-May-2016 15:33
Xylenes, Total	U		0.0021	0.0089	mg/Kg-dry	1	29-May-2016 15:33
Surr: 1,2-Dichloroethane-d4	101			70-128	%REC	1	29-May-2016 15:33
Surr: 4-Bromofluorobenzene	97.1			73-126	%REC	1	29-May-2016 15:33
Surr: Dibromofluoromethane	29.3	S		71-128	%REC	1	29-May-2016 15:33
Surr: Toluene-d8	98.8			73-127	%REC	1	29-May-2016 15:33
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	13.8		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-114  
 Collection Date: 19-May-2016 09:50

**ANALYTICAL REPORT**

WorkOrder:HS16051317  
 Lab ID:HS16051317-14  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,1,2,2-Tetrachloroethane	U		0.00085	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00074	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,1,2-Trichloroethane	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,1-Dichloroethane	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,1-Dichloroethene	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,2,4-Trichlorobenzene	U		0.0012	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,2-Dibromo-3-chloropropane	U		0.0017	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,2-Dibromoethane	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,2-Dichlorobenzene	U		0.0011	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,2-Dichloroethane	U		0.00063	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,2-Dichloropropane	U		0.00085	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,3-Dichlorobenzene	U		0.0012	0.0053	mg/Kg-dry	1	29-May-2016 15:57
1,4-Dichlorobenzene	U		0.0011	0.0053	mg/Kg-dry	1	29-May-2016 15:57
2-Butanone	U		0.0014	0.011	mg/Kg-dry	1	29-May-2016 15:57
2-Hexanone	U		0.0015	0.011	mg/Kg-dry	1	29-May-2016 15:57
4-Methyl-2-pentanone	U		0.0021	0.011	mg/Kg-dry	1	29-May-2016 15:57
Acetone	U		0.0033	0.021	mg/Kg-dry	1	29-May-2016 15:57
Benzene	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Bromodichloromethane	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Bromoform	U		0.00063	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Bromomethane	U		0.0011	0.011	mg/Kg-dry	1	29-May-2016 15:57
Carbon disulfide	U		0.00063	0.011	mg/Kg-dry	1	29-May-2016 15:57
Carbon tetrachloride	U		0.00063	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Chlorobenzene	U		0.00063	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Chloroethane	U		0.00085	0.011	mg/Kg-dry	1	29-May-2016 15:57
Chloroform	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Chloromethane	U		0.00053	0.011	mg/Kg-dry	1	29-May-2016 15:57
cis-1,2-Dichloroethene	U		0.00085	0.0053	mg/Kg-dry	1	29-May-2016 15:57
cis-1,3-Dichloropropene	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Cyclohexane	U		0.0011	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Dibromochloromethane	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Dichlorodifluoromethane	U		0.00074	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Ethylbenzene	U		0.00074	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Isopropylbenzene	U		0.00095	0.0053	mg/Kg-dry	1	29-May-2016 15:57
m,p-Xylene	U		0.0017	0.011	mg/Kg-dry	1	29-May-2016 15:57
Methyl acetate	U		0.00074	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Methyl tert-butyl ether	U		0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Methylcyclohexane	U		0.0013	0.0053	mg/Kg-dry	1	29-May-2016 15:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-114  
 Collection Date: 19-May-2016 09:50

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-14  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride		U	0.0011	0.011	mg/Kg-dry	1	29-May-2016 15:57
o-Xylene		U	0.0011	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Styrene		U	0.00074	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Tetrachloroethene		U	0.00074	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Toluene		U	0.00063	0.0053	mg/Kg-dry	1	29-May-2016 15:57
trans-1,2-Dichloroethene		U	0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
trans-1,3-Dichloropropene		U	0.00063	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Trichloroethene		U	0.00063	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Trichlorofluoromethane		U	0.00053	0.0053	mg/Kg-dry	1	29-May-2016 15:57
Vinyl chloride		U	0.00085	0.0021	mg/Kg-dry	1	29-May-2016 15:57
Xylenes, Total		U	0.0025	0.011	mg/Kg-dry	1	29-May-2016 15:57
Surr: 1,2-Dichloroethane-d4	96.6			70-128	%REC	1	29-May-2016 15:57
Surr: 4-Bromofluorobenzene	94.9			73-126	%REC	1	29-May-2016 15:57
Surr: Dibromofluoromethane	38.5	S		71-128	%REC	1	29-May-2016 15:57
Surr: Toluene-d8	96.2			73-127	%REC	1	29-May-2016 15:57
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	19.6		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-115  
 Collection Date: 19-May-2016 10:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-15  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,1,2,2-Tetrachloroethane	U		0.00081	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00071	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,1,2-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,1-Dichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,1-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,2,4-Trichlorobenzene	U		0.0011	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,2-Dibromo-3-chloropropane	U		0.0016	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,2-Dibromoethane	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,2-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,2-Dichloroethane	U		0.00061	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,2-Dichloropropane	U		0.00081	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,3-Dichlorobenzene	U		0.0011	0.0051	mg/Kg-dry	1	29-May-2016 16:20
1,4-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	29-May-2016 16:20
2-Butanone	U		0.0013	0.010	mg/Kg-dry	1	29-May-2016 16:20
2-Hexanone	U		0.0014	0.010	mg/Kg-dry	1	29-May-2016 16:20
4-Methyl-2-pentanone	U		0.0020	0.010	mg/Kg-dry	1	29-May-2016 16:20
Acetone	U		0.0031	0.020	mg/Kg-dry	1	29-May-2016 16:20
Benzene	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Bromodichloromethane	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Bromoform	U		0.00061	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Bromomethane	U		0.0010	0.010	mg/Kg-dry	1	29-May-2016 16:20
Carbon disulfide	U		0.00061	0.010	mg/Kg-dry	1	29-May-2016 16:20
Carbon tetrachloride	U		0.00061	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Chlorobenzene	U		0.00061	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Chloroethane	U		0.00081	0.010	mg/Kg-dry	1	29-May-2016 16:20
Chloroform	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Chloromethane	U		0.00051	0.010	mg/Kg-dry	1	29-May-2016 16:20
cis-1,2-Dichloroethene	U		0.00081	0.0051	mg/Kg-dry	1	29-May-2016 16:20
cis-1,3-Dichloropropene	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Cyclohexane	U		0.0010	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Dibromochloromethane	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Dichlorodifluoromethane	U		0.00071	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Ethylbenzene	U		0.00071	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Isopropylbenzene	U		0.00091	0.0051	mg/Kg-dry	1	29-May-2016 16:20
m,p-Xylene	U		0.0016	0.010	mg/Kg-dry	1	29-May-2016 16:20
Methyl acetate	U		0.00071	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Methyl tert-butyl ether	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Methylcyclohexane	U		0.0012	0.0051	mg/Kg-dry	1	29-May-2016 16:20

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-115  
 Collection Date: 19-May-2016 10:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-15  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
Methylene chloride	U		0.0010	0.010	mg/Kg-dry	1	29-May-2016 16:20
o-Xylene	U		0.0010	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Styrene	U		0.00071	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Tetrachloroethene	U		0.00071	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Toluene	U		0.00061	0.0051	mg/Kg-dry	1	29-May-2016 16:20
trans-1,2-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
trans-1,3-Dichloropropene	U		0.00061	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Trichloroethene	U		0.00061	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Trichlorofluoromethane	U		0.00051	0.0051	mg/Kg-dry	1	29-May-2016 16:20
Vinyl chloride	U		0.00081	0.0020	mg/Kg-dry	1	29-May-2016 16:20
Xylenes, Total	U		0.0024	0.010	mg/Kg-dry	1	29-May-2016 16:20
Surr: 1,2-Dichloroethane-d4	96.9			70-128	%REC	1	29-May-2016 16:20
Surr: 4-Bromofluorobenzene	93.7			73-126	%REC	1	29-May-2016 16:20
Surr: Dibromofluoromethane	41.6	S		71-128	%REC	1	29-May-2016 16:20
Surr: Toluene-d8	96.8			73-127	%REC	1	29-May-2016 16:20
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	21.8		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-116  
 Collection Date: 19-May-2016 12:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-16  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,1,2,2-Tetrachloroethane	U		0.00070	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00061	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,1,2-Trichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,1-Dichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,1-Dichloroethene	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,2,4-Trichlorobenzene	U		0.00096	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,2-Dibromo-3-chloropropane	U		0.0014	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,2-Dibromoethane	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,2-Dichlorobenzene	U		0.00087	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,2-Dichloroethane	U		0.00052	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,2-Dichloropropane	U		0.00070	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,3-Dichlorobenzene	U		0.00096	0.0044	mg/Kg-dry	1	29-May-2016 16:44
1,4-Dichlorobenzene	U		0.00087	0.0044	mg/Kg-dry	1	29-May-2016 16:44
2-Butanone	U		0.0011	0.0087	mg/Kg-dry	1	29-May-2016 16:44
2-Hexanone	U		0.0012	0.0087	mg/Kg-dry	1	29-May-2016 16:44
4-Methyl-2-pentanone	U		0.0017	0.0087	mg/Kg-dry	1	29-May-2016 16:44
<b>Acetone</b>	<b>0.044</b>		<b>0.0027</b>	<b>0.017</b>	<b>mg/Kg-dry</b>	1	29-May-2016 16:44
Benzene	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Bromodichloromethane	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Bromoform	U		0.00052	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Bromomethane	U		0.00087	0.0087	mg/Kg-dry	1	29-May-2016 16:44
Carbon disulfide	U		0.00052	0.0087	mg/Kg-dry	1	29-May-2016 16:44
Carbon tetrachloride	U		0.00052	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Chlorobenzene	U		0.00052	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Chloroethane	U		0.00070	0.0087	mg/Kg-dry	1	29-May-2016 16:44
Chloroform	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Chloromethane	U		0.00044	0.0087	mg/Kg-dry	1	29-May-2016 16:44
cis-1,2-Dichloroethene	U		0.00070	0.0044	mg/Kg-dry	1	29-May-2016 16:44
cis-1,3-Dichloropropene	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Cyclohexane	U		0.00087	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Dibromochloromethane	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Dichlorodifluoromethane	U		0.00061	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Ethylbenzene	U		0.00061	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Isopropylbenzene	U		0.00078	0.0044	mg/Kg-dry	1	29-May-2016 16:44
m,p-Xylene	U		0.0014	0.0087	mg/Kg-dry	1	29-May-2016 16:44
Methyl acetate	U		0.00061	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Methyl tert-butyl ether	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Methylcyclohexane	U		0.0010	0.0044	mg/Kg-dry	1	29-May-2016 16:44

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-116  
 Collection Date: 19-May-2016 12:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-16  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
Methylene chloride	U		0.00087	0.0087	mg/Kg-dry	1	29-May-2016 16:44
o-Xylene	U		0.00087	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Styrene	U		0.00061	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Tetrachloroethene	U		0.00061	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Toluene	U		0.00052	0.0044	mg/Kg-dry	1	29-May-2016 16:44
trans-1,2-Dichloroethene	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
trans-1,3-Dichloropropene	U		0.00052	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Trichloroethene	U		0.00052	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Trichlorofluoromethane	U		0.00044	0.0044	mg/Kg-dry	1	29-May-2016 16:44
Vinyl chloride	U		0.00070	0.0017	mg/Kg-dry	1	29-May-2016 16:44
Xylenes, Total	U		0.0021	0.0087	mg/Kg-dry	1	29-May-2016 16:44
Surr: 1,2-Dichloroethane-d4	102			70-128	%REC	1	29-May-2016 16:44
Surr: 4-Bromofluorobenzene	98.7			73-126	%REC	1	29-May-2016 16:44
Surr: Dibromofluoromethane	39.3	S		71-128	%REC	1	29-May-2016 16:44
Surr: Toluene-d8	98.8			73-127	%REC	1	29-May-2016 16:44
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	12.8		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-117  
 Collection Date: 19-May-2016 12:15

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-17  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,1,2,2-Tetrachloroethane	U		0.00077	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00068	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,1,2-Trichloroethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,1-Dichloroethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,1-Dichloroethene	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,2,4-Trichlorobenzene	U		0.0011	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,2-Dibromo-3-chloropropane	U		0.0015	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,2-Dibromoethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,2-Dichlorobenzene	U		0.00097	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,2-Dichloroethane	U		0.00058	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,2-Dichloropropane	U		0.00077	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,3-Dichlorobenzene	U		0.0011	0.0048	mg/Kg-dry	1	29-May-2016 17:07
1,4-Dichlorobenzene	U		0.00097	0.0048	mg/Kg-dry	1	29-May-2016 17:07
2-Butanone	U		0.0013	0.0097	mg/Kg-dry	1	29-May-2016 17:07
2-Hexanone	U		0.0014	0.0097	mg/Kg-dry	1	29-May-2016 17:07
4-Methyl-2-pentanone	U		0.0019	0.0097	mg/Kg-dry	1	29-May-2016 17:07
Acetone	U		0.0030	0.019	mg/Kg-dry	1	29-May-2016 17:07
Benzene	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Bromodichloromethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Bromoform	U		0.00058	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Bromomethane	U		0.00097	0.0097	mg/Kg-dry	1	29-May-2016 17:07
Carbon disulfide	U		0.00058	0.0097	mg/Kg-dry	1	29-May-2016 17:07
Carbon tetrachloride	U		0.00058	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Chlorobenzene	U		0.00058	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Chloroethane	U		0.00077	0.0097	mg/Kg-dry	1	29-May-2016 17:07
Chloroform	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Chloromethane	U		0.00048	0.0097	mg/Kg-dry	1	29-May-2016 17:07
cis-1,2-Dichloroethene	U		0.00077	0.0048	mg/Kg-dry	1	29-May-2016 17:07
cis-1,3-Dichloropropene	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Cyclohexane	U		0.00097	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Dibromochloromethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Dichlorodifluoromethane	U		0.00068	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Ethylbenzene	U		0.00068	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Isopropylbenzene	U		0.00087	0.0048	mg/Kg-dry	1	29-May-2016 17:07
m,p-Xylene	U		0.0015	0.0097	mg/Kg-dry	1	29-May-2016 17:07
Methyl acetate	U		0.00068	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Methyl tert-butyl ether	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Methylcyclohexane	U		0.0012	0.0048	mg/Kg-dry	1	29-May-2016 17:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-117  
 Collection Date: 19-May-2016 12:15

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-17  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
Methylene chloride	U		0.00097	0.0097	mg/Kg-dry	1	29-May-2016 17:07
o-Xylene	U		0.00097	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Styrene	U		0.00068	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Tetrachloroethene	U		0.00068	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Toluene	U		0.00058	0.0048	mg/Kg-dry	1	29-May-2016 17:07
trans-1,2-Dichloroethene	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
trans-1,3-Dichloropropene	U		0.00058	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Trichloroethene	U		0.00058	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Trichlorofluoromethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 17:07
Vinyl chloride	U		0.00077	0.0019	mg/Kg-dry	1	29-May-2016 17:07
Xylenes, Total	U		0.0023	0.0097	mg/Kg-dry	1	29-May-2016 17:07
Surr: 1,2-Dichloroethane-d4	94.2			70-128	%REC	1	29-May-2016 17:07
Surr: 4-Bromofluorobenzene	94.7			73-126	%REC	1	29-May-2016 17:07
Surr: Dibromofluoromethane	42.9	S		71-128	%REC	1	29-May-2016 17:07
Surr: Toluene-d8	97.4			73-127	%REC	1	29-May-2016 17:07
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	19.3		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-118  
 Collection Date: 19-May-2016 12:25

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-18  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
1,1,1-Trichloroethane	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,1,2,2-Tetrachloroethane	U		0.00069	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00061	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,1,2-Trichloroethane	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,1-Dichloroethane	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,1-Dichloroethene	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,2,4-Trichlorobenzene	U		0.00095	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,2-Dibromo-3-chloropropane	U		0.0014	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,2-Dibromoethane	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,2-Dichlorobenzene	U		0.00087	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,2-Dichloroethane	U		0.00052	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,2-Dichloropropane	U		0.00069	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,3-Dichlorobenzene	U		0.00095	0.0043	mg/Kg-dry	1	29-May-2016 17:31
1,4-Dichlorobenzene	U		0.00087	0.0043	mg/Kg-dry	1	29-May-2016 17:31
2-Butanone	U		0.0011	0.0087	mg/Kg-dry	1	29-May-2016 17:31
2-Hexanone	U		0.0012	0.0087	mg/Kg-dry	1	29-May-2016 17:31
4-Methyl-2-pentanone	U		0.0017	0.0087	mg/Kg-dry	1	29-May-2016 17:31
Acetone	U		0.0027	0.017	mg/Kg-dry	1	29-May-2016 17:31
Benzene	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Bromodichloromethane	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Bromoform	U		0.00052	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Bromomethane	U		0.00087	0.0087	mg/Kg-dry	1	29-May-2016 17:31
Carbon disulfide	U		0.00052	0.0087	mg/Kg-dry	1	29-May-2016 17:31
Carbon tetrachloride	U		0.00052	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Chlorobenzene	U		0.00052	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Chloroethane	U		0.00069	0.0087	mg/Kg-dry	1	29-May-2016 17:31
Chloroform	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Chloromethane	U		0.00043	0.0087	mg/Kg-dry	1	29-May-2016 17:31
cis-1,2-Dichloroethene	U		0.00069	0.0043	mg/Kg-dry	1	29-May-2016 17:31
cis-1,3-Dichloropropene	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Cyclohexane	U		0.00087	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Dibromochloromethane	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Dichlorodifluoromethane	U		0.00061	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Ethylbenzene	U		0.00061	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Isopropylbenzene	U		0.00078	0.0043	mg/Kg-dry	1	29-May-2016 17:31
m,p-Xylene	U		0.0014	0.0087	mg/Kg-dry	1	29-May-2016 17:31
Methyl acetate	U		0.00061	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Methyl tert-butyl ether	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Methylcyclohexane	U		0.0010	0.0043	mg/Kg-dry	1	29-May-2016 17:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-118  
 Collection Date: 19-May-2016 12:25

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-18  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride	U		0.00087	0.0087	mg/Kg-dry	1	29-May-2016 17:31
o-Xylene	U		0.00087	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Styrene	U		0.00061	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Tetrachloroethene	U		0.00061	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Toluene	U		0.00052	0.0043	mg/Kg-dry	1	29-May-2016 17:31
trans-1,2-Dichloroethene	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
trans-1,3-Dichloropropene	U		0.00052	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Trichloroethene	U		0.00052	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Trichlorofluoromethane	U		0.00043	0.0043	mg/Kg-dry	1	29-May-2016 17:31
Vinyl chloride	U		0.00069	0.0017	mg/Kg-dry	1	29-May-2016 17:31
Xylenes, Total	U		0.0021	0.0087	mg/Kg-dry	1	29-May-2016 17:31
Surr: 1,2-Dichloroethane-d4	97.7			70-128	%REC	1	29-May-2016 17:31
Surr: 4-Bromofluorobenzene	95.2			73-126	%REC	1	29-May-2016 17:31
Surr: Dibromofluoromethane	38.1	S		71-128	%REC	1	29-May-2016 17:31
Surr: Toluene-d8	97.5			73-127	%REC	1	29-May-2016 17:31
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	15.8		0.0100	0.0100	wt%	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: Trip Blank-TSP-05/12/16-01  
 Collection Date: 18-May-2016 12:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-19  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: PC
1,1,1-Trichloroethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
1,1,2,2-Tetrachloroethane	U		0.00050	0.0010	mg/L	1	30-May-2016 15:15
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	0.0010	mg/L	1	30-May-2016 15:15
1,1,2-Trichloroethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
1,1-Dichloroethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
1,1-Dichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
1,2,4-Trichlorobenzene	U		0.00050	0.0010	mg/L	1	30-May-2016 15:15
1,2-Dibromo-3-chloropropane	U		0.0010	0.0010	mg/L	1	30-May-2016 15:15
1,2-Dibromoethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
1,2-Dichlorobenzene	U		0.00050	0.0010	mg/L	1	30-May-2016 15:15
1,2-Dichloroethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
1,2-Dichloropropane	U		0.00050	0.0010	mg/L	1	30-May-2016 15:15
1,3-Dichlorobenzene	U		0.00040	0.0010	mg/L	1	30-May-2016 15:15
1,4-Dichlorobenzene	U		0.00040	0.0010	mg/L	1	30-May-2016 15:15
2-Butanone	U		0.00050	0.0020	mg/L	1	30-May-2016 15:15
2-Hexanone	U		0.0010	0.0020	mg/L	1	30-May-2016 15:15
4-Methyl-2-pentanone	U		0.00070	0.0020	mg/L	1	30-May-2016 15:15
Acetone	U		0.0020	0.0020	mg/L	1	30-May-2016 15:15
Benzene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
Bromodichloromethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
Bromoform	U		0.00040	0.0010	mg/L	1	30-May-2016 15:15
Bromomethane	U		0.00040	0.0010	mg/L	1	30-May-2016 15:15
Carbon disulfide	U		0.00060	0.0020	mg/L	1	30-May-2016 15:15
Carbon tetrachloride	U		0.00050	0.0010	mg/L	1	30-May-2016 15:15
Chlorobenzene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Chloroethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Chloroform	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
Chloromethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
cis-1,2-Dichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
cis-1,3-Dichloropropene	U		0.00010	0.0010	mg/L	1	30-May-2016 15:15
Cyclohexane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Dibromochloromethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Dichlorodifluoromethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Ethylbenzene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Isopropylbenzene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
m,p-Xylene	U		0.00050	0.0020	mg/L	1	30-May-2016 15:15
Methyl acetate	U		0.0010	0.0010	mg/L	1	30-May-2016 15:15
Methyl tert-butyl ether	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
Methylcyclohexane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: Trip Blank-TSP-05/12/16-01  
 Collection Date: 18-May-2016 12:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-19  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: PC
Methylene chloride	U		0.0010	0.0020	mg/L	1	30-May-2016 15:15
o-Xylene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Styrene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Tetrachloroethene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Toluene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
trans-1,2-Dichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
trans-1,3-Dichloropropene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
Trichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
Trichlorofluoromethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:15
Vinyl chloride	U		0.00020	0.0010	mg/L	1	30-May-2016 15:15
Xylenes, Total	U		0.00050	0.0030	mg/L	1	30-May-2016 15:15
Surr: 1,2-Dichloroethane-d4	99.1			71-125	%REC	1	30-May-2016 15:15
Surr: 4-Bromofluorobenzene	96.1			70-125	%REC	1	30-May-2016 15:15
Surr: Dibromofluoromethane	75.3			74-125	%REC	1	30-May-2016 15:15
Surr: Toluene-d8	98.4			75-125	%REC	1	30-May-2016 15:15

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-119  
 Collection Date: 20-May-2016 08:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-20  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>		Prep:SW3541 / 31-May-2016		Analyst: LG	
1,1'-Biphenyl	U		0.0021	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2,4,5-Trichlorophenol	U		0.0030	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2,4,6-Trichlorophenol	U		0.0021	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2,4-Dichlorophenol	U		0.0016	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2,4-Dimethylphenol	U		0.0040	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2,4-Dinitrophenol	U		0.0055	0.016	mg/Kg-dry	1	07-Jun-2016 22:29
2,4-Dinitrotoluene	U		0.0011	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2,6-Dinitrotoluene	U		0.0040	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2-Chloronaphthalene	U		0.0016	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2-Chlorophenol	U		0.0016	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2-Methylnaphthalene	U		0.00061	0.0040	mg/Kg-dry	1	07-Jun-2016 22:29
2-Methylphenol	U		0.0013	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2-Nitroaniline	U		0.0023	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
2-Nitrophenol	U		0.0030	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
3&4-Methylphenol	U		0.0012	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
3,3'-Dichlorobenzidine	U		0.0030	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
3-Nitroaniline	U		0.0023	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
4,6-Dinitro-2-methylphenol	U		0.0026	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
4-Bromophenyl phenyl ether	U		0.0019	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
4-Chloro-3-methylphenol	U		0.00085	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
4-Chloroaniline	U		0.0013	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
4-Chlorophenyl phenyl ether	U		0.0018	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
4-Nitroaniline	U		0.0027	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	07-Jun-2016 22:29
Acenaphthene	U		0.00061	0.0040	mg/Kg-dry	1	07-Jun-2016 22:29
Acenaphthylene	U		0.0012	0.0040	mg/Kg-dry	1	07-Jun-2016 22:29
Acetophenone	U		0.00097	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
<b>Anthracene</b>	<b>0.0017</b>	<b>J</b>	<b>0.00061</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>07-Jun-2016 22:29</b>
Atrazine	U		0.0024	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
<b>Benz(a)anthracene</b>	<b>0.017</b>		<b>0.0019</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>07-Jun-2016 22:29</b>
Benzaldehyde	U		0.0015	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
<b>Benzo(a)pyrene</b>	<b>0.018</b>		<b>0.0012</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>07-Jun-2016 22:29</b>
<b>Benzo(b)fluoranthene</b>	<b>0.023</b>		<b>0.0015</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>07-Jun-2016 22:29</b>
<b>Benzo(g,h,i)perylene</b>	<b>0.014</b>		<b>0.00085</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>07-Jun-2016 22:29</b>
<b>Benzo(k)fluoranthene</b>	<b>0.014</b>		<b>0.0011</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>07-Jun-2016 22:29</b>
Bis(2-chloroethoxy)methane	U		0.0011	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Bis(2-chloroethyl)ether	U		0.0013	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Bis(2-chloroisopropyl)ether	U		0.0017	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.15</b>		<b>0.0021</b>	<b>0.0080</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>07-Jun-2016 22:29</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-119  
 Collection Date: 20-May-2016 08:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-20  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate		U	0.0016	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
<b>Caprolactam</b>	<b>0.0029</b>	J	<b>0.0015</b>	<b>0.0080</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 22:29
<b>Carbazole</b>	<b>0.0021</b>	J	<b>0.0015</b>	<b>0.0080</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 22:29
<b>Chrysene</b>	<b>0.024</b>		<b>0.00097</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 22:29
<b>Dibenz(a,h)anthracene</b>	<b>0.0030</b>	J	<b>0.0019</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 22:29
Dibenzofuran		U	0.00085	0.0040	mg/Kg-dry	1	07-Jun-2016 22:29
Diethyl phthalate		U	0.0012	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Dimethyl phthalate		U	0.00097	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Di-n-butyl phthalate		U	0.0015	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Di-n-octyl phthalate		U	0.0011	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
<b>Fluoranthene</b>	<b>0.036</b>		<b>0.0013</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 22:29
Fluorene		U	0.0013	0.0040	mg/Kg-dry	1	07-Jun-2016 22:29
Hexachlorobenzene		U	0.0011	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Hexachlorobutadiene		U	0.0015	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Hexachlorocyclopentadiene		U	0.00097	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Hexachloroethane		U	0.0018	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.016</b>		<b>0.00097</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 22:29
Isophorone		U	0.00097	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Naphthalene		U	0.00073	0.0040	mg/Kg-dry	1	07-Jun-2016 22:29
Nitrobenzene		U	0.0011	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
N-Nitrosodi-n-propylamine		U	0.0013	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
N-Nitrosodiphenylamine		U	0.00085	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
Pentachlorophenol		U	0.0040	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
<b>Phenanthrene</b>	<b>0.013</b>		<b>0.0018</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 22:29
Phenol		U	0.0013	0.0080	mg/Kg-dry	1	07-Jun-2016 22:29
<b>Pyrene</b>	<b>0.033</b>		<b>0.00073</b>	<b>0.0040</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 22:29
<i>Surr: 2,4,6-Tribromophenol</i>	65.6			36-126	%REC	1	07-Jun-2016 22:29
<i>Surr: 2-Fluorobiphenyl</i>	55.5			43-125	%REC	1	07-Jun-2016 22:29
<i>Surr: 2-Fluorophenol</i>	60.0			37-125	%REC	1	07-Jun-2016 22:29
<i>Surr: 4-Terphenyl-d14</i>	73.9			32-125	%REC	1	07-Jun-2016 22:29
<i>Surr: Nitrobenzene-d5</i>	66.3			37-125	%REC	1	07-Jun-2016 22:29
<i>Surr: Phenol-d6</i>	62.5			40-125	%REC	1	07-Jun-2016 22:29
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>18.2</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-120  
 Collection Date: 19-May-2016 14:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-21  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0039	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2,4,5-Trichlorophenol	U		0.0058	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2,4,6-Trichlorophenol	U		0.0039	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2,4-Dichlorophenol	U		0.0030	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2,4-Dimethylphenol	U		0.0076	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2,4-Dinitrophenol	U		0.010	0.030	mg/Kg-dry	1	07-Jun-2016 21:30
2,4-Dinitrotoluene	U		0.0021	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2,6-Dinitrotoluene	U		0.0076	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2-Chloronaphthalene	U		0.0030	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2-Chlorophenol	U		0.0030	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2-Methylnaphthalene	U		0.0012	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
2-Methylphenol	U		0.0025	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2-Nitroaniline	U		0.0044	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
2-Nitrophenol	U		0.0058	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
3&4-Methylphenol	U		0.0023	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
3,3'-Dichlorobenzidine	U		0.0058	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
3-Nitroaniline	U		0.0044	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
4,6-Dinitro-2-methylphenol	U		0.0049	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
4-Bromophenyl phenyl ether	U		0.0037	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
4-Chloro-3-methylphenol	U		0.0016	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
4-Chloroaniline	U		0.0025	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
4-Chlorophenyl phenyl ether	U		0.0035	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
4-Nitroaniline	U		0.0051	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
4-Nitrophenol	U		0.0044	0.030	mg/Kg-dry	1	07-Jun-2016 21:30
Acenaphthene	U		0.0012	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Acenaphthylene	U		0.0023	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Acetophenone	U		0.0018	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Anthracene	U		0.0012	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Atrazine	U		0.0046	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
<b>Benz(a)anthracene</b>	<b>0.0045</b>	J	<b>0.0037</b>	<b>0.0076</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 21:30
Benzaldehyde	U		0.0028	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Benzo(a)pyrene	U		0.0023	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Benzo(b)fluoranthene	U		0.0028	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Benzo(g,h,i)perylene	U		0.0016	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Benzo(k)fluoranthene	U		0.0021	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Bis(2-chloroethoxy)methane	U		0.0021	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Bis(2-chloroethyl)ether	U		0.0025	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Bis(2-chloroisopropyl)ether	U		0.0032	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Bis(2-ethylhexyl)phthalate	U		0.0039	0.015	mg/Kg-dry	1	07-Jun-2016 21:30

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-120  
 Collection Date: 19-May-2016 14:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-21  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate		U	0.0030	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Caprolactam		U	0.0028	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Carbazole		U	0.0028	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
<b>Chrysene</b>	<b>0.0045</b>	J	<b>0.0018</b>	<b>0.0076</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 21:30
Dibenz(a,h)anthracene		U	0.0037	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Dibenzofuran		U	0.0016	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Diethyl phthalate		U	0.0023	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Dimethyl phthalate		U	0.0018	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Di-n-butyl phthalate		U	0.0028	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Di-n-octyl phthalate		U	0.0021	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
<b>Fluoranthene</b>	<b>0.0082</b>		<b>0.0025</b>	<b>0.0076</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 21:30
Fluorene		U	0.0025	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Hexachlorobenzene		U	0.0021	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Hexachlorobutadiene		U	0.0028	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Hexachlorocyclopentadiene		U	0.0018	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Hexachloroethane		U	0.0035	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Indeno(1,2,3-cd)pyrene		U	0.0018	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Isophorone		U	0.0018	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Naphthalene		U	0.0014	0.0076	mg/Kg-dry	1	07-Jun-2016 21:30
Nitrobenzene		U	0.0021	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
N-Nitrosodi-n-propylamine		U	0.0025	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
N-Nitrosodiphenylamine		U	0.0016	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
Pentachlorophenol		U	0.0076	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
<b>Phenanthrene</b>	<b>0.0045</b>	J	<b>0.0035</b>	<b>0.0076</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 21:30
Phenol		U	0.0025	0.015	mg/Kg-dry	1	07-Jun-2016 21:30
<b>Pyrene</b>	<b>0.0069</b>	J	<b>0.0014</b>	<b>0.0076</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 21:30
<i>Surr: 2,4,6-Tribromophenol</i>	62.5			36-126	%REC	1	07-Jun-2016 21:30
<i>Surr: 2-Fluorobiphenyl</i>	55.7			43-125	%REC	1	07-Jun-2016 21:30
<i>Surr: 2-Fluorophenol</i>	65.5			37-125	%REC	1	07-Jun-2016 21:30
<i>Surr: 4-Terphenyl-d14</i>	73.2			32-125	%REC	1	07-Jun-2016 21:30
<i>Surr: Nitrobenzene-d5</i>	67.0			37-125	%REC	1	07-Jun-2016 21:30
<i>Surr: Phenol-d6</i>	66.1			40-125	%REC	1	07-Jun-2016 21:30
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
<b>Percent Moisture</b>	<b>13.9</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	25-May-2016 10:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-121  
 Collection Date: 19-May-2016 14:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-22  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>		Prep:SW3541 / 31-May-2016		Analyst: LG	
1,1'-Biphenyl	U		0.0021	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2,4,5-Trichlorophenol	U		0.0031	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2,4,6-Trichlorophenol	U		0.0021	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2,4-Dichlorophenol	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2,4-Dimethylphenol	U		0.0041	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2,4-Dinitrophenol	U		0.0056	0.016	mg/Kg-dry	1	07-Jun-2016 22:49
2,4-Dinitrotoluene	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2,6-Dinitrotoluene	U		0.0041	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2-Chloronaphthalene	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2-Chlorophenol	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2-Methylnaphthalene	U		0.00062	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
2-Methylphenol	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2-Nitroaniline	U		0.0024	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
2-Nitrophenol	U		0.0031	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
3&4-Methylphenol	U		0.0012	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
3,3'-Dichlorobenzidine	U		0.0031	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
3-Nitroaniline	U		0.0024	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
4,6-Dinitro-2-methylphenol	U		0.0026	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
4-Bromophenyl phenyl ether	U		0.0020	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
4-Chloro-3-methylphenol	U		0.00087	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
4-Chloroaniline	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
4-Chlorophenyl phenyl ether	U		0.0019	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
4-Nitroaniline	U		0.0027	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
4-Nitrophenol	U		0.0024	0.016	mg/Kg-dry	1	07-Jun-2016 22:49
Acenaphthene	U		0.00062	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Acenaphthylene	U		0.0012	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Acetophenone	U		0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Anthracene	U		0.00062	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Atrazine	U		0.0025	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Benz(a)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Benzaldehyde	U		0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Benzo(a)pyrene	U		0.0012	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Benzo(b)fluoranthene	U		0.0015	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Benzo(g,h,i)perylene	U		0.00087	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Benzo(k)fluoranthene	U		0.0011	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Bis(2-chloroethoxy)methane	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Bis(2-chloroethyl)ether	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Bis(2-chloroisopropyl)ether	U		0.0017	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Bis(2-ethylhexyl)phthalate	U		0.0021	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-121  
 Collection Date: 19-May-2016 14:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-22  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Caprolactam	U		0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Carbazole	U		0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Chrysene	U		0.0010	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Dibenz(a,h)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Dibenzofuran	U		0.00087	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Diethyl phthalate	U		0.0012	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Dimethyl phthalate	U		0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Di-n-butyl phthalate	U		0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Di-n-octyl phthalate	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Fluoranthene	U		0.0014	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Fluorene	U		0.0014	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Hexachlorobenzene	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Hexachlorobutadiene	U		0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Hexachlorocyclopentadiene	U		0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Hexachloroethane	U		0.0019	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Indeno(1,2,3-cd)pyrene	U		0.0010	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Isophorone	U		0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Naphthalene	U		0.00075	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Nitrobenzene	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
N-Nitrosodi-n-propylamine	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
N-Nitrosodiphenylamine	U		0.00087	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Pentachlorophenol	U		0.0041	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Phenanthrene	U		0.0019	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Phenol	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 22:49
Pyrene	U		0.00075	0.0041	mg/Kg-dry	1	07-Jun-2016 22:49
Surr: 2,4,6-Tribromophenol	57.7			36-126	%REC	1	07-Jun-2016 22:49
Surr: 2-Fluorobiphenyl	54.3			43-125	%REC	1	07-Jun-2016 22:49
Surr: 2-Fluorophenol	69.2			37-125	%REC	1	07-Jun-2016 22:49
Surr: 4-Terphenyl-d14	73.2			32-125	%REC	1	07-Jun-2016 22:49
Surr: Nitrobenzene-d5	64.9			37-125	%REC	1	07-Jun-2016 22:49
Surr: Phenol-d6	70.7			40-125	%REC	1	07-Jun-2016 22:49
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	19.9		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-122  
 Collection Date: 19-May-2016 16:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-23  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>		Prep:SW3541 / 31-May-2016		Analyst: LG	
1,1'-Biphenyl	U		0.0021	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2,4,5-Trichlorophenol	U		0.0031	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2,4,6-Trichlorophenol	U		0.0021	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2,4-Dichlorophenol	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2,4-Dimethylphenol	U		0.0041	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2,4-Dinitrophenol	U		0.0056	0.016	mg/Kg-dry	1	07-Jun-2016 23:08
2,4-Dinitrotoluene	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2,6-Dinitrotoluene	U		0.0041	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2-Chloronaphthalene	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2-Chlorophenol	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2-Methylnaphthalene	U		0.00062	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
2-Methylphenol	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2-Nitroaniline	U		0.0024	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
2-Nitrophenol	U		0.0031	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
3&4-Methylphenol	U		0.0012	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
3,3'-Dichlorobenzidine	U		0.0031	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
3-Nitroaniline	U		0.0024	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
4,6-Dinitro-2-methylphenol	U		0.0026	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
4-Bromophenyl phenyl ether	U		0.0020	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
4-Chloro-3-methylphenol	U		0.00087	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
4-Chloroaniline	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
4-Chlorophenyl phenyl ether	U		0.0019	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
4-Nitroaniline	U		0.0027	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
4-Nitrophenol	U		0.0024	0.016	mg/Kg-dry	1	07-Jun-2016 23:08
Acenaphthene	U		0.00062	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Acenaphthylene	U		0.0012	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Acetophenone	U		0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Anthracene	U		0.00062	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Atrazine	U		0.0025	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Benz(a)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Benzaldehyde	U		0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Benzo(a)pyrene	U		0.0012	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Benzo(b)fluoranthene	U		0.0015	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Benzo(g,h,i)perylene	U		0.00087	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Benzo(k)fluoranthene	U		0.0011	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Bis(2-chloroethoxy)methane	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Bis(2-chloroethyl)ether	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Bis(2-chloroisopropyl)ether	U		0.0017	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
<b>Bis(2-ethylhexyl)phthalate</b>		<b>0.0085</b>	<b>0.0021</b>	<b>0.0082</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>07-Jun-2016 23:08</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-122  
 Collection Date: 19-May-2016 16:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-23  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
<b>Caprolactam</b>	<b>0.010</b>		<b>0.0015</b>	<b>0.0082</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:08
Carbazole	U		0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Chrysene	U		0.0010	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Dibenz(a,h)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Dibenzofuran	U		0.00087	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Diethyl phthalate	U		0.0012	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Dimethyl phthalate	U		0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
<b>Di-n-butyl phthalate</b>	<b>0.011</b>		<b>0.0015</b>	<b>0.0082</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:08
Di-n-octyl phthalate	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Fluoranthene	U		0.0014	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Fluorene	U		0.0014	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Hexachlorobenzene	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Hexachlorobutadiene	U		0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Hexachlorocyclopentadiene	U		0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Hexachloroethane	U		0.0019	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Indeno(1,2,3-cd)pyrene	U		0.0010	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Isophorone	U		0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Naphthalene	U		0.00075	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Nitrobenzene	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
N-Nitrosodi-n-propylamine	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
N-Nitrosodiphenylamine	U		0.00087	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Pentachlorophenol	U		0.0041	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Phenanthrene	U		0.0019	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
Phenol	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:08
Pyrene	U		0.00075	0.0041	mg/Kg-dry	1	07-Jun-2016 23:08
<i>Surr: 2,4,6-Tribromophenol</i>	<i>69.9</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>07-Jun-2016 23:08</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>55.8</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>07-Jun-2016 23:08</i>
<i>Surr: 2-Fluorophenol</i>	<i>63.5</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>07-Jun-2016 23:08</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>73.8</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>07-Jun-2016 23:08</i>
<i>Surr: Nitrobenzene-d5</i>	<i>65.5</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>07-Jun-2016 23:08</i>
<i>Surr: Phenol-d6</i>	<i>60.8</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>07-Jun-2016 23:08</i>
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>20.2</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-123  
 Collection Date: 19-May-2016 16:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-24  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0019	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2,4,5-Trichlorophenol	U		0.0028	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2,4,6-Trichlorophenol	U		0.0019	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2,4-Dichlorophenol	U		0.0015	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2,4-Dimethylphenol	U		0.0037	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2,4-Dinitrophenol	U		0.0051	0.015	mg/Kg-dry	1	07-Jun-2016 23:28
2,4-Dinitrotoluene	U		0.0010	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2,6-Dinitrotoluene	U		0.0037	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2-Chloronaphthalene	U		0.0015	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2-Chlorophenol	U		0.0015	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2-Methylnaphthalene	U		0.00056	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
2-Methylphenol	U		0.0012	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2-Nitroaniline	U		0.0021	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
2-Nitrophenol	U		0.0028	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
3&4-Methylphenol	U		0.0011	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
3,3'-Dichlorobenzidine	U		0.0028	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
3-Nitroaniline	U		0.0021	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
4,6-Dinitro-2-methylphenol	U		0.0024	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
4-Bromophenyl phenyl ether	U		0.0018	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
4-Chloro-3-methylphenol	U		0.00079	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
4-Chloroaniline	U		0.0012	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
4-Chlorophenyl phenyl ether	U		0.0017	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
4-Nitroaniline	U		0.0025	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
4-Nitrophenol	U		0.0021	0.015	mg/Kg-dry	1	07-Jun-2016 23:28
Acenaphthene	U		0.00056	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Acenaphthylene	U		0.0011	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Acetophenone	U		0.00090	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Anthracene	U		0.00056	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Atrazine	U		0.0023	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Benz(a)anthracene	U		0.0018	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Benzaldehyde	U		0.0014	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Benzo(a)pyrene	U		0.0011	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Benzo(b)fluoranthene	U		0.0014	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Benzo(g,h,i)perylene	U		0.00079	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Benzo(k)fluoranthene	U		0.0010	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Bis(2-chloroethoxy)methane	U		0.0010	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Bis(2-chloroethyl)ether	U		0.0012	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Bis(2-chloroisopropyl)ether	U		0.0016	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.0056</b>	<b>J</b>	<b>0.0019</b>	<b>0.0074</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>07-Jun-2016 23:28</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-123  
 Collection Date: 19-May-2016 16:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-24  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	U		0.0015	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
<b>Caprolactam</b>	<b>0.0041</b>	J	<b>0.0014</b>	<b>0.0074</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:28
Carbazole	U		0.0014	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Chrysene	U		0.00090	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Dibenz(a,h)anthracene	U		0.0018	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Dibenzofuran	U		0.00079	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Diethyl phthalate	U		0.0011	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Dimethyl phthalate	U		0.00090	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
<b>Di-n-butyl phthalate</b>	<b>0.0058</b>	J	<b>0.0014</b>	<b>0.0074</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:28
Di-n-octyl phthalate	U		0.0010	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Fluoranthene	U		0.0012	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Fluorene	U		0.0012	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Hexachlorobenzene	U		0.0010	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Hexachlorobutadiene	U		0.0014	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Hexachlorocyclopentadiene	U		0.00090	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Hexachloroethane	U		0.0017	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Indeno(1,2,3-cd)pyrene	U		0.00090	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Isophorone	U		0.00090	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Naphthalene	U		0.00068	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Nitrobenzene	U		0.0010	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
N-Nitrosodi-n-propylamine	U		0.0012	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
N-Nitrosodiphenylamine	U		0.00079	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Pentachlorophenol	U		0.0037	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Phenanthrene	U		0.0017	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
Phenol	U		0.0012	0.0074	mg/Kg-dry	1	07-Jun-2016 23:28
Pyrene	U		0.00068	0.0037	mg/Kg-dry	1	07-Jun-2016 23:28
<i>Surr: 2,4,6-Tribromophenol</i>	63.5			36-126	%REC	1	07-Jun-2016 23:28
<i>Surr: 2-Fluorobiphenyl</i>	53.7			43-125	%REC	1	07-Jun-2016 23:28
<i>Surr: 2-Fluorophenol</i>	62.4			37-125	%REC	1	07-Jun-2016 23:28
<i>Surr: 4-Terphenyl-d14</i>	66.9			32-125	%REC	1	07-Jun-2016 23:28
<i>Surr: Nitrobenzene-d5</i>	62.6			37-125	%REC	1	07-Jun-2016 23:28
<i>Surr: Phenol-d6</i>	65.7			40-125	%REC	1	07-Jun-2016 23:28
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
<b>Percent Moisture</b>	<b>11.5</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-124  
 Collection Date: 20-May-2016 07:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-25  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0021	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2,4,5-Trichlorophenol	U		0.0031	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2,4,6-Trichlorophenol	U		0.0021	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2,4-Dichlorophenol	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2,4-Dimethylphenol	U		0.0041	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2,4-Dinitrophenol	U		0.0056	0.016	mg/Kg-dry	1	07-Jun-2016 23:48
2,4-Dinitrotoluene	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2,6-Dinitrotoluene	U		0.0041	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2-Chloronaphthalene	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2-Chlorophenol	U		0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2-Methylnaphthalene	U		0.00062	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
2-Methylphenol	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2-Nitroaniline	U		0.0024	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
2-Nitrophenol	U		0.0031	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
3&4-Methylphenol	U		0.0012	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
3,3'-Dichlorobenzidine	U		0.0031	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
3-Nitroaniline	U		0.0024	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
4,6-Dinitro-2-methylphenol	U		0.0026	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
4-Bromophenyl phenyl ether	U		0.0020	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
4-Chloro-3-methylphenol	U		0.00087	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
4-Chloroaniline	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
4-Chlorophenyl phenyl ether	U		0.0019	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
4-Nitroaniline	U		0.0027	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
4-Nitrophenol	U		0.0024	0.016	mg/Kg-dry	1	07-Jun-2016 23:48
Acenaphthene	U		0.00062	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Acenaphthylene	U		0.0012	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Acetophenone	U		0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Anthracene	U		0.00062	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Atrazine	U		0.0025	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
<b>Benz(a)anthracene</b>	<b>0.0040</b>	J	<b>0.0020</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:48
Benzaldehyde	U		0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
<b>Benzo(a)pyrene</b>	<b>0.0085</b>		<b>0.0012</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:48
<b>Benzo(b)fluoranthene</b>	<b>0.013</b>		<b>0.0015</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:48
<b>Benzo(g,h,i)perylene</b>	<b>0.037</b>		<b>0.00087</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:48
<b>Benzo(k)fluoranthene</b>	<b>0.0070</b>		<b>0.0011</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:48
Bis(2-chloroethoxy)methane	U		0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Bis(2-chloroethyl)ether	U		0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Bis(2-chloroisopropyl)ether	U		0.0017	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.0057</b>	J	<b>0.0021</b>	<b>0.0082</b>	<b>mg/Kg-dry</b>	1	07-Jun-2016 23:48

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-124  
 Collection Date: 20-May-2016 07:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-25  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0030	J	0.0016	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Caprolactam		U	0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Carbazole		U	0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Chrysene	0.011		0.0010	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Dibenz(a,h)anthracene	0.0038	J	0.0020	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Dibenzofuran		U	0.00087	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Diethyl phthalate		U	0.0012	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Dimethyl phthalate		U	0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Di-n-butyl phthalate	0.0068	J	0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Di-n-octyl phthalate		U	0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Fluoranthene	0.0052		0.0014	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Fluorene		U	0.0014	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Hexachlorobenzene		U	0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Hexachlorobutadiene		U	0.0015	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Hexachlorocyclopentadiene		U	0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Hexachloroethane		U	0.0019	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Indeno(1,2,3-cd)pyrene	0.011		0.0010	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Isophorone		U	0.0010	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Naphthalene		U	0.00075	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Nitrobenzene		U	0.0011	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
N-Nitrosodi-n-propylamine		U	0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
N-Nitrosodiphenylamine		U	0.00087	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Pentachlorophenol		U	0.0041	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Phenanthrene		U	0.0019	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Phenol		U	0.0014	0.0082	mg/Kg-dry	1	07-Jun-2016 23:48
Pyrene	0.0050		0.00075	0.0041	mg/Kg-dry	1	07-Jun-2016 23:48
Surr: 2,4,6-Tribromophenol	65.8			36-126	%REC	1	07-Jun-2016 23:48
Surr: 2-Fluorobiphenyl	56.0			43-125	%REC	1	07-Jun-2016 23:48
Surr: 2-Fluorophenol	63.1			37-125	%REC	1	07-Jun-2016 23:48
Surr: 4-Terphenyl-d14	71.2			32-125	%REC	1	07-Jun-2016 23:48
Surr: Nitrobenzene-d5	68.1			37-125	%REC	1	07-Jun-2016 23:48
Surr: Phenol-d6	62.5			40-125	%REC	1	07-Jun-2016 23:48
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	20.3		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-125  
 Collection Date: 20-May-2016 07:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-26  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0021	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2,4,5-Trichlorophenol	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2,4,6-Trichlorophenol	U		0.0021	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2,4-Dichlorophenol	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2,4-Dimethylphenol	U		0.0041	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2,4-Dinitrophenol	U		0.0056	0.017	mg/Kg-dry	1	08-Jun-2016 00:07
2,4-Dinitrotoluene	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2,6-Dinitrotoluene	U		0.0041	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2-Chloronaphthalene	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2-Chlorophenol	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2-Methylnaphthalene	U		0.00063	0.0041	mg/Kg-dry	1	08-Jun-2016 00:07
2-Methylphenol	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2-Nitroaniline	U		0.0024	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
2-Nitrophenol	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
3&4-Methylphenol	U		0.0013	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
3,3'-Dichlorobenzidine	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
3-Nitroaniline	U		0.0024	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
4,6-Dinitro-2-methylphenol	U		0.0026	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
4-Bromophenyl phenyl ether	U		0.0020	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
4-Chloro-3-methylphenol	U		0.00088	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
4-Chloroaniline	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
4-Chlorophenyl phenyl ether	U		0.0019	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
4-Nitroaniline	U		0.0028	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
4-Nitrophenol	U		0.0024	0.017	mg/Kg-dry	1	08-Jun-2016 00:07
Acenaphthene	U		0.00063	0.0041	mg/Kg-dry	1	08-Jun-2016 00:07
Acenaphthylene	U		0.0013	0.0041	mg/Kg-dry	1	08-Jun-2016 00:07
Acetophenone	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Anthracene</b>	<b>0.0021</b>	J	<b>0.00063</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Atrazine	U		0.0025	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Benz(a)anthracene</b>	<b>0.0067</b>		<b>0.0020</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Benzaldehyde	U		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Benzo(a)pyrene</b>	<b>0.0069</b>		<b>0.0013</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
<b>Benzo(b)fluoranthene</b>	<b>0.0085</b>		<b>0.0015</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
<b>Benzo(g,h,i)perylene</b>	<b>0.0086</b>		<b>0.00088</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
<b>Benzo(k)fluoranthene</b>	<b>0.0038</b>	J	<b>0.0011</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Bis(2-chloroethoxy)methane	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
Bis(2-chloroethyl)ether	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
Bis(2-chloroisopropyl)ether	U		0.0018	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.010</b>		<b>0.0021</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-125  
 Collection Date: 20-May-2016 07:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-26  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate		U	0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Caprolactam</b>	<b>0.012</b>		<b>0.0015</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Carbazole		U	0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Chrysene</b>	<b>0.0082</b>		<b>0.0010</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Dibenz(a,h)anthracene		U	0.0020	0.0041	mg/Kg-dry	1	08-Jun-2016 00:07
Dibenzofuran		U	0.00088	0.0041	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Diethyl phthalate</b>	<b>0.0021</b>	J	<b>0.0013</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Dimethyl phthalate		U	0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Di-n-butyl phthalate</b>	<b>0.012</b>		<b>0.0015</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Di-n-octyl phthalate		U	0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Fluoranthene</b>	<b>0.014</b>		<b>0.0014</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Fluorene		U	0.0014	0.0041	mg/Kg-dry	1	08-Jun-2016 00:07
Hexachlorobenzene		U	0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
Hexachlorobutadiene		U	0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
Hexachlorocyclopentadiene		U	0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
Hexachloroethane		U	0.0019	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.0070</b>		<b>0.0010</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Isophorone		U	0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
Naphthalene		U	0.00075	0.0041	mg/Kg-dry	1	08-Jun-2016 00:07
Nitrobenzene		U	0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
N-Nitrosodi-n-propylamine		U	0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
N-Nitrosodiphenylamine		U	0.00088	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
Pentachlorophenol		U	0.0041	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Phenanthrene</b>	<b>0.0084</b>		<b>0.0019</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
Phenol		U	0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 00:07
<b>Pyrene</b>	<b>0.014</b>		<b>0.00075</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:07
<i>Surr: 2,4,6-Tribromophenol</i>	<i>82.8</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2016 00:07</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>66.7</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2016 00:07</i>
<i>Surr: 2-Fluorophenol</i>	<i>88.8</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2016 00:07</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>90.3</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2016 00:07</i>
<i>Surr: Nitrobenzene-d5</i>	<i>81.0</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2016 00:07</i>
<i>Surr: Phenol-d6</i>	<i>78.1</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2016 00:07</i>
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>20.6</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-126  
 Collection Date: 20-May-2016 08:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-27  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0020	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2,4,5-Trichlorophenol	U		0.0029	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2,4,6-Trichlorophenol	U		0.0020	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2,4-Dichlorophenol	U		0.0015	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2,4-Dimethylphenol	U		0.0038	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2,4-Dinitrophenol	U		0.0052	0.015	mg/Kg-dry	1	08-Jun-2016 00:27
2,4-Dinitrotoluene	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2,6-Dinitrotoluene	U		0.0038	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2-Chloronaphthalene	U		0.0015	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2-Chlorophenol	U		0.0015	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2-Methylnaphthalene	U		0.00057	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
2-Methylphenol	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2-Nitroaniline	U		0.0022	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
2-Nitrophenol	U		0.0029	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
3&4-Methylphenol	U		0.0011	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
3,3'-Dichlorobenzidine	U		0.0029	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
3-Nitroaniline	U		0.0022	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
4,6-Dinitro-2-methylphenol	U		0.0024	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
4-Bromophenyl phenyl ether	U		0.0018	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
4-Chloro-3-methylphenol	U		0.00080	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
4-Chloroaniline	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
4-Chlorophenyl phenyl ether	U		0.0017	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
4-Nitroaniline	U		0.0025	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
4-Nitrophenol	U		0.0022	0.015	mg/Kg-dry	1	08-Jun-2016 00:27
Acenaphthene	U		0.00057	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Acenaphthylene	U		0.0011	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Acetophenone	U		0.00092	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Anthracene	U		0.00057	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Atrazine	U		0.0023	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Benz(a)anthracene	U		0.0018	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Benzaldehyde	U		0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Benzo(a)pyrene	U		0.0011	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
<b>Benzo(b)fluoranthene</b>	<b>0.0084</b>		<b>0.0014</b>	<b>0.0038</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:27
<b>Benzo(g,h,i)perylene</b>	<b>0.0027</b>	J	<b>0.00080</b>	<b>0.0038</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:27
<b>Benzo(k)fluoranthene</b>	<b>0.0027</b>	J	<b>0.0010</b>	<b>0.0038</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:27
Bis(2-chloroethoxy)methane	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Bis(2-chloroethyl)ether	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Bis(2-chloroisopropyl)ether	U		0.0016	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.011</b>		<b>0.0020</b>	<b>0.0076</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-126  
 Collection Date: 20-May-2016 08:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-27  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0070	J	0.0015	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Caprolactam	0.011		0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Carbazole	U		0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Chrysene	0.0077		0.00092	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Dibenz(a,h)anthracene	U		0.0018	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Dibenzofuran	U		0.00080	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Diethyl phthalate	0.0023	J	0.0011	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Dimethyl phthalate	U		0.00092	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Di-n-butyl phthalate	0.011		0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Di-n-octyl phthalate	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Fluoranthene	0.0039		0.0013	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Fluorene	U		0.0013	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Hexachlorobenzene	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Hexachlorobutadiene	U		0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Hexachlorocyclopentadiene	U		0.00092	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Hexachloroethane	U		0.0017	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Indeno(1,2,3-cd)pyrene	0.0026	J	0.00092	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Isophorone	U		0.00092	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Naphthalene	U		0.00069	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Nitrobenzene	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
N-Nitrosodi-n-propylamine	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
N-Nitrosodiphenylamine	U		0.00080	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Pentachlorophenol	U		0.0038	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Phenanthrene	U		0.0017	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Phenol	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 00:27
Pyrene	0.0035	J	0.00069	0.0038	mg/Kg-dry	1	08-Jun-2016 00:27
Surr: 2,4,6-Tribromophenol	81.7			36-126	%REC	1	08-Jun-2016 00:27
Surr: 2-Fluorobiphenyl	67.1			43-125	%REC	1	08-Jun-2016 00:27
Surr: 2-Fluorophenol	81.1			37-125	%REC	1	08-Jun-2016 00:27
Surr: 4-Terphenyl-d14	86.9			32-125	%REC	1	08-Jun-2016 00:27
Surr: Nitrobenzene-d5	76.8			37-125	%REC	1	08-Jun-2016 00:27
Surr: Phenol-d6	82.7			40-125	%REC	1	08-Jun-2016 00:27
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	13.2		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-127  
 Collection Date: 20-May-2016 08:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-28  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
1,1,1-Trichloroethane	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,1,2,2-Tetrachloroethane	U		0.00076	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00066	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,1,2-Trichloroethane	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,1-Dichloroethane	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,1-Dichloroethene	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,2,4-Trichlorobenzene	U		0.0010	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,2-Dibromo-3-chloropropane	U		0.0015	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,2-Dibromoethane	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,2-Dichlorobenzene	U		0.00095	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,2-Dichloroethane	U		0.00057	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,2-Dichloropropane	U		0.00076	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,3-Dichlorobenzene	U		0.0010	0.0047	mg/Kg-dry	1	29-May-2016 17:54
1,4-Dichlorobenzene	U		0.00095	0.0047	mg/Kg-dry	1	29-May-2016 17:54
2-Butanone	U		0.0012	0.0095	mg/Kg-dry	1	29-May-2016 17:54
2-Hexanone	U		0.0013	0.0095	mg/Kg-dry	1	29-May-2016 17:54
4-Methyl-2-pentanone	U		0.0019	0.0095	mg/Kg-dry	1	29-May-2016 17:54
<b>Acetone</b>	<b>0.081</b>		<b>0.0029</b>	<b>0.019</b>	<b>mg/Kg-dry</b>	1	29-May-2016 17:54
Benzene	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Bromodichloromethane	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Bromoform	U		0.00057	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Bromomethane	U		0.00095	0.0095	mg/Kg-dry	1	29-May-2016 17:54
Carbon disulfide	U		0.00057	0.0095	mg/Kg-dry	1	29-May-2016 17:54
Carbon tetrachloride	U		0.00057	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Chlorobenzene	U		0.00057	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Chloroethane	U		0.00076	0.0095	mg/Kg-dry	1	29-May-2016 17:54
Chloroform	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Chloromethane	U		0.00047	0.0095	mg/Kg-dry	1	29-May-2016 17:54
cis-1,2-Dichloroethene	U		0.00076	0.0047	mg/Kg-dry	1	29-May-2016 17:54
cis-1,3-Dichloropropene	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Cyclohexane	U		0.00095	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Dibromochloromethane	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Dichlorodifluoromethane	U		0.00066	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Ethylbenzene	U		0.00066	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Isopropylbenzene	U		0.00085	0.0047	mg/Kg-dry	1	29-May-2016 17:54
m,p-Xylene	U		0.0015	0.0095	mg/Kg-dry	1	29-May-2016 17:54
Methyl acetate	U		0.00066	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Methyl tert-butyl ether	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Methylcyclohexane	U		0.0011	0.0047	mg/Kg-dry	1	29-May-2016 17:54

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-127  
 Collection Date: 20-May-2016 08:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-28  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
Methylene chloride	U		0.00095	0.0095	mg/Kg-dry	1	29-May-2016 17:54
o-Xylene	U		0.00095	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Styrene	U		0.00066	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Tetrachloroethene	U		0.00066	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Toluene	U		0.00057	0.0047	mg/Kg-dry	1	29-May-2016 17:54
trans-1,2-Dichloroethene	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
trans-1,3-Dichloropropene	U		0.00057	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Trichloroethene	U		0.00057	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Trichlorofluoromethane	U		0.00047	0.0047	mg/Kg-dry	1	29-May-2016 17:54
Vinyl chloride	U		0.00076	0.0019	mg/Kg-dry	1	29-May-2016 17:54
Xylenes, Total	U		0.0023	0.0095	mg/Kg-dry	1	29-May-2016 17:54
Surr: 1,2-Dichloroethane-d4	96.4			70-128	%REC	1	29-May-2016 17:54
Surr: 4-Bromofluorobenzene	96.3			73-126	%REC	1	29-May-2016 17:54
Surr: Dibromofluoromethane	31.4	S		71-128	%REC	1	29-May-2016 17:54
Surr: Toluene-d8	96.5			73-127	%REC	1	29-May-2016 17:54
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	18.6		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-128  
 Collection Date: 20-May-2016 08:55

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-29  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0020	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2,4,5-Trichlorophenol	U		0.0030	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2,4,6-Trichlorophenol	U		0.0020	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2,4-Dichlorophenol	U		0.0015	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2,4-Dimethylphenol	U		0.0039	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2,4-Dinitrophenol	U		0.0054	0.016	mg/Kg-dry	1	08-Jun-2016 00:47
2,4-Dinitrotoluene	U		0.0011	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2,6-Dinitrotoluene	U		0.0039	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2-Chloronaphthalene	U		0.0015	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2-Chlorophenol	U		0.0015	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2-Methylnaphthalene	U		0.00060	0.0039	mg/Kg-dry	1	08-Jun-2016 00:47
2-Methylphenol	U		0.0013	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
2-Nitrophenol	U		0.0030	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
3&4-Methylphenol	U		0.0012	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
3,3'-Dichlorobenzidine	U		0.0030	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
3-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
4,6-Dinitro-2-methylphenol	U		0.0025	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
4-Bromophenyl phenyl ether	U		0.0019	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
4-Chloro-3-methylphenol	U		0.00083	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
4-Chloroaniline	U		0.0013	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
4-Chlorophenyl phenyl ether	U		0.0018	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
4-Nitroaniline	U		0.0026	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	08-Jun-2016 00:47
<b>Acenaphthene</b>	<b>0.013</b>		<b>0.00060</b>	<b>0.0039</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47
<b>Acenaphthylene</b>	<b>0.0030</b>	J	<b>0.0012</b>	<b>0.0039</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47
Acetophenone	U		0.00095	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
<b>Anthracene</b>	<b>0.048</b>		<b>0.00060</b>	<b>0.0039</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47
Atrazine	U		0.0024	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
<b>Benz(a)anthracene</b>	<b>0.21</b>		<b>0.0019</b>	<b>0.0039</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47
<b>Benzaldehyde</b>	<b>0.013</b>		<b>0.0014</b>	<b>0.0079</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47
<b>Benzo(a)pyrene</b>	<b>0.22</b>		<b>0.0012</b>	<b>0.0039</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47
<b>Benzo(b)fluoranthene</b>	<b>0.34</b>		<b>0.0014</b>	<b>0.0039</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47
<b>Benzo(g,h,i)perylene</b>	<b>0.16</b>		<b>0.00083</b>	<b>0.0039</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47
<b>Benzo(k)fluoranthene</b>	<b>0.12</b>		<b>0.0011</b>	<b>0.0039</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47
Bis(2-chloroethoxy)methane	U		0.0011	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Bis(2-chloroethyl)ether	U		0.0013	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Bis(2-chloroisopropyl)ether	U		0.0017	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.020</b>		<b>0.0020</b>	<b>0.0079</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 00:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-128  
 Collection Date: 20-May-2016 08:55

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-29  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		Method:SW8270			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0063	J	0.0015	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Caprolactam	0.021		0.0014	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Carbazole	0.038		0.0014	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Chrysene	0.26		0.00095	0.0039	mg/Kg-dry	1	08-Jun-2016 00:47
Dibenz(a,h)anthracene	0.036		0.0019	0.0039	mg/Kg-dry	1	08-Jun-2016 00:47
Dibenzofuran	0.0054		0.00083	0.0039	mg/Kg-dry	1	08-Jun-2016 00:47
Diethyl phthalate	0.0022	J	0.0012	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Dimethyl phthalate		U	0.00095	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Di-n-butyl phthalate	0.013		0.0014	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Di-n-octyl phthalate		U	0.0011	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Fluoranthene	0.53		0.0052	0.016	mg/Kg-dry	4	08-Jun-2016 20:09
Fluorene	0.013		0.0013	0.0039	mg/Kg-dry	1	08-Jun-2016 00:47
Hexachlorobenzene		U	0.0011	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Hexachlorobutadiene		U	0.0014	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Hexachlorocyclopentadiene		U	0.00095	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Hexachloroethane		U	0.0018	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Indeno(1,2,3-cd)pyrene	0.21		0.00095	0.0039	mg/Kg-dry	1	08-Jun-2016 00:47
Isophorone		U	0.00095	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Naphthalene		U	0.00072	0.0039	mg/Kg-dry	1	08-Jun-2016 00:47
Nitrobenzene		U	0.0011	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
N-Nitrosodi-n-propylamine		U	0.0013	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
N-Nitrosodiphenylamine		U	0.00083	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Pentachlorophenol		U	0.0039	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Phenanthrene	0.24		0.0018	0.0039	mg/Kg-dry	1	08-Jun-2016 00:47
Phenol	0.0022	J	0.0013	0.0079	mg/Kg-dry	1	08-Jun-2016 00:47
Pyrene	0.42		0.0029	0.016	mg/Kg-dry	4	08-Jun-2016 20:09
Surr: 2,4,6-Tribromophenol	68.5			36-126	%REC	4	08-Jun-2016 20:09
Surr: 2,4,6-Tribromophenol	86.9			36-126	%REC	1	08-Jun-2016 00:47
Surr: 2-Fluorobiphenyl	63.6			43-125	%REC	1	08-Jun-2016 00:47
Surr: 2-Fluorobiphenyl	63.1			43-125	%REC	4	08-Jun-2016 20:09
Surr: 2-Fluorophenol	51.8			37-125	%REC	4	08-Jun-2016 20:09
Surr: 2-Fluorophenol	74.3			37-125	%REC	1	08-Jun-2016 00:47
Surr: 4-Terphenyl-d14	84.6			32-125	%REC	1	08-Jun-2016 00:47
Surr: 4-Terphenyl-d14	78.8			32-125	%REC	4	08-Jun-2016 20:09
Surr: Nitrobenzene-d5	69.8			37-125	%REC	4	08-Jun-2016 20:09
Surr: Nitrobenzene-d5	70.1			37-125	%REC	1	08-Jun-2016 00:47
Surr: Phenol-d6	75.9			40-125	%REC	1	08-Jun-2016 00:47
Surr: Phenol-d6	57.5			40-125	%REC	4	08-Jun-2016 20:09

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-128  
 Collection Date: 20-May-2016 08:55

**ANALYTICAL REPORT**

WorkOrder:HS16051317  
 Lab ID:HS16051317-29  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>MOISTURE - ASTM D2216</b>	<b>Method:ASTM D2216</b>						Analyst: DFF
Percent Moisture	16.5		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-129  
 Collection Date: 20-May-2016 09:05

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-30  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
1,1,1-Trichloroethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,1,2,2-Tetrachloroethane	U		0.00077	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00067	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,1,2-Trichloroethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,1-Dichloroethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,1-Dichloroethene	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,2,4-Trichlorobenzene	U		0.0011	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,2-Dibromo-3-chloropropane	U		0.0015	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,2-Dibromoethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,2-Dichlorobenzene	U		0.00096	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,2-Dichloroethane	U		0.00057	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,2-Dichloropropane	U		0.00077	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,3-Dichlorobenzene	U		0.0011	0.0048	mg/Kg-dry	1	29-May-2016 18:18
1,4-Dichlorobenzene	U		0.00096	0.0048	mg/Kg-dry	1	29-May-2016 18:18
2-Butanone	U		0.0012	0.0096	mg/Kg-dry	1	29-May-2016 18:18
2-Hexanone	U		0.0013	0.0096	mg/Kg-dry	1	29-May-2016 18:18
4-Methyl-2-pentanone	U		0.0019	0.0096	mg/Kg-dry	1	29-May-2016 18:18
Acetone	U		0.0030	0.019	mg/Kg-dry	1	29-May-2016 18:18
Benzene	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Bromodichloromethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Bromoform	U		0.00057	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Bromomethane	U		0.00096	0.0096	mg/Kg-dry	1	29-May-2016 18:18
Carbon disulfide	U		0.00057	0.0096	mg/Kg-dry	1	29-May-2016 18:18
Carbon tetrachloride	U		0.00057	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Chlorobenzene	U		0.00057	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Chloroethane	U		0.00077	0.0096	mg/Kg-dry	1	29-May-2016 18:18
Chloroform	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Chloromethane	U		0.00048	0.0096	mg/Kg-dry	1	29-May-2016 18:18
cis-1,2-Dichloroethene	U		0.00077	0.0048	mg/Kg-dry	1	29-May-2016 18:18
cis-1,3-Dichloropropene	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Cyclohexane	U		0.00096	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Dibromochloromethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Dichlorodifluoromethane	U		0.00067	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Ethylbenzene	U		0.00067	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Isopropylbenzene	U		0.00086	0.0048	mg/Kg-dry	1	29-May-2016 18:18
m,p-Xylene	U		0.0015	0.0096	mg/Kg-dry	1	29-May-2016 18:18
Methyl acetate	U		0.00067	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Methyl tert-butyl ether	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Methylcyclohexane	U		0.0011	0.0048	mg/Kg-dry	1	29-May-2016 18:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-129  
 Collection Date: 20-May-2016 09:05

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-30  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride	U		0.00096	0.0096	mg/Kg-dry	1	29-May-2016 18:18
o-Xylene	U		0.00096	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Styrene	U		0.00067	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Tetrachloroethene	U		0.00067	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Toluene	U		0.00057	0.0048	mg/Kg-dry	1	29-May-2016 18:18
trans-1,2-Dichloroethene	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
trans-1,3-Dichloropropene	U		0.00057	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Trichloroethene	U		0.00057	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Trichlorofluoromethane	U		0.00048	0.0048	mg/Kg-dry	1	29-May-2016 18:18
Vinyl chloride	U		0.00077	0.0019	mg/Kg-dry	1	29-May-2016 18:18
Xylenes, Total	U		0.0023	0.0096	mg/Kg-dry	1	29-May-2016 18:18
Surr: 1,2-Dichloroethane-d4	99.2			70-128	%REC	1	29-May-2016 18:18
Surr: 4-Bromofluorobenzene	95.8			73-126	%REC	1	29-May-2016 18:18
Surr: Dibromofluoromethane	37.9	S		71-128	%REC	1	29-May-2016 18:18
Surr: Toluene-d8	95.4			73-127	%REC	1	29-May-2016 18:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-129  
 Collection Date: 20-May-2016 09:05

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-30  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0021	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2,4,5-Trichlorophenol	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2,4,6-Trichlorophenol	U		0.0021	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2,4-Dichlorophenol	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2,4-Dimethylphenol	U		0.0041	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2,4-Dinitrophenol	U		0.0056	0.017	mg/Kg-dry	1	08-Jun-2016 01:06
2,4-Dinitrotoluene	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2,6-Dinitrotoluene	U		0.0041	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2-Chloronaphthalene	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2-Chlorophenol	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2-Methylnaphthalene	U		0.00063	0.0041	mg/Kg-dry	1	08-Jun-2016 01:06
2-Methylphenol	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2-Nitroaniline	U		0.0024	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
2-Nitrophenol	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
3&4-Methylphenol	U		0.0013	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
3,3'-Dichlorobenzidine	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
3-Nitroaniline	U		0.0024	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
4,6-Dinitro-2-methylphenol	U		0.0026	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
4-Bromophenyl phenyl ether	U		0.0020	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
4-Chloro-3-methylphenol	U		0.00088	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
4-Chloroaniline	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
4-Chlorophenyl phenyl ether	U		0.0019	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
4-Nitroaniline	U		0.0028	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
4-Nitrophenol	U		0.0024	0.017	mg/Kg-dry	1	08-Jun-2016 01:06
Acenaphthene	U		0.00063	0.0041	mg/Kg-dry	1	08-Jun-2016 01:06
Acenaphthylene	U		0.0013	0.0041	mg/Kg-dry	1	08-Jun-2016 01:06
Acetophenone	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
Anthracene	U		0.00063	0.0041	mg/Kg-dry	1	08-Jun-2016 01:06
Atrazine	U		0.0025	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Benz(a)anthracene</b>	<b>0.0033</b>	J	<b>0.0020</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
Benzaldehyde	U		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Benzo(a)pyrene</b>	<b>0.0036</b>	J	<b>0.0013</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
<b>Benzo(b)fluoranthene</b>	<b>0.0063</b>		<b>0.0015</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
<b>Benzo(g,h,i)perylene</b>	<b>0.0047</b>		<b>0.00088</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
<b>Benzo(k)fluoranthene</b>	<b>0.0024</b>	J	<b>0.0011</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
Bis(2-chloroethoxy)methane	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
Bis(2-chloroethyl)ether	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
Bis(2-chloroisopropyl)ether	U		0.0018	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.011</b>		<b>0.0021</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-129  
 Collection Date: 20-May-2016 09:05

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-30  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Caprolactam</b>	<b>0.014</b>		<b>0.0015</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
Carbazole	U		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Chrysene</b>	<b>0.0035</b>	J	<b>0.0010</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
Dibenz(a,h)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	08-Jun-2016 01:06
Dibenzofuran	U		0.00088	0.0041	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Diethyl phthalate</b>	<b>0.0026</b>	J	<b>0.0013</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
Dimethyl phthalate	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Di-n-butyl phthalate</b>	<b>0.014</b>		<b>0.0015</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
Di-n-octyl phthalate	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Fluoranthene</b>	<b>0.0055</b>		<b>0.0014</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
Fluorene	U		0.0014	0.0041	mg/Kg-dry	1	08-Jun-2016 01:06
Hexachlorobenzene	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
Hexachlorobutadiene	U		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
Hexachlorocyclopentadiene	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
Hexachloroethane	U		0.0019	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.0043</b>		<b>0.0010</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
Isophorone	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
Naphthalene	U		0.00075	0.0041	mg/Kg-dry	1	08-Jun-2016 01:06
Nitrobenzene	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
N-Nitrosodi-n-propylamine	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
N-Nitrosodiphenylamine	U		0.00088	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
Pentachlorophenol	U		0.0041	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Phenanthrene</b>	<b>0.0025</b>	J	<b>0.0019</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
Phenol	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:06
<b>Pyrene</b>	<b>0.0049</b>		<b>0.00075</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:06
<i>Surr: 2,4,6-Tribromophenol</i>	83.1			36-126	%REC	1	08-Jun-2016 01:06
<i>Surr: 2-Fluorobiphenyl</i>	65.5			43-125	%REC	1	08-Jun-2016 01:06
<i>Surr: 2-Fluorophenol</i>	72.4			37-125	%REC	1	08-Jun-2016 01:06
<i>Surr: 4-Terphenyl-d14</i>	86.9			32-125	%REC	1	08-Jun-2016 01:06
<i>Surr: Nitrobenzene-d5</i>	77.7			37-125	%REC	1	08-Jun-2016 01:06
<i>Surr: Phenol-d6</i>	75.4			40-125	%REC	1	08-Jun-2016 01:06
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
<b>Percent Moisture</b>	<b>20.6</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-130  
 Collection Date: 20-May-2016 09:10

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-31  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,1,2,2-Tetrachloroethane	U		0.00067	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00058	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,1,2-Trichloroethane	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,1-Dichloroethane	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,1-Dichloroethene	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,2,4-Trichlorobenzene	U		0.00092	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,2-Dibromo-3-chloropropane	U		0.0013	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,2-Dibromoethane	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,2-Dichlorobenzene	U		0.00083	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,2-Dichloroethane	U		0.00050	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,2-Dichloropropane	U		0.00067	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,3-Dichlorobenzene	U		0.00092	0.0042	mg/Kg-dry	1	30-May-2016 14:16
1,4-Dichlorobenzene	U		0.00083	0.0042	mg/Kg-dry	1	30-May-2016 14:16
2-Butanone	U		0.0011	0.0083	mg/Kg-dry	1	30-May-2016 14:16
2-Hexanone	U		0.0012	0.0083	mg/Kg-dry	1	30-May-2016 14:16
4-Methyl-2-pentanone	U		0.0017	0.0083	mg/Kg-dry	1	30-May-2016 14:16
Acetone	U		0.0026	0.017	mg/Kg-dry	1	30-May-2016 14:16
Benzene	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Bromodichloromethane	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Bromoform	U		0.00050	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Bromomethane	U		0.00083	0.0083	mg/Kg-dry	1	30-May-2016 14:16
Carbon disulfide	U		0.00050	0.0083	mg/Kg-dry	1	30-May-2016 14:16
Carbon tetrachloride	U		0.00050	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Chlorobenzene	U		0.00050	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Chloroethane	U		0.00067	0.0083	mg/Kg-dry	1	30-May-2016 14:16
Chloroform	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Chloromethane	U		0.00042	0.0083	mg/Kg-dry	1	30-May-2016 14:16
cis-1,2-Dichloroethene	U		0.00067	0.0042	mg/Kg-dry	1	30-May-2016 14:16
cis-1,3-Dichloropropene	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Cyclohexane	U		0.00083	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Dibromochloromethane	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Dichlorodifluoromethane	U		0.00058	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Ethylbenzene	U		0.00058	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Isopropylbenzene	U		0.00075	0.0042	mg/Kg-dry	1	30-May-2016 14:16
m,p-Xylene	U		0.0013	0.0083	mg/Kg-dry	1	30-May-2016 14:16
Methyl acetate	U		0.00058	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Methyl tert-butyl ether	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Methylcyclohexane	U		0.0010	0.0042	mg/Kg-dry	1	30-May-2016 14:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-130  
 Collection Date: 20-May-2016 09:10

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-31  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride	U		0.00083	0.0083	mg/Kg-dry	1	30-May-2016 14:16
o-Xylene	U		0.00083	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Styrene	U		0.00058	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Tetrachloroethene	U		0.00058	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Toluene	U		0.00050	0.0042	mg/Kg-dry	1	30-May-2016 14:16
trans-1,2-Dichloroethene	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
trans-1,3-Dichloropropene	U		0.00050	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Trichloroethene	U		0.00050	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Trichlorofluoromethane	U		0.00042	0.0042	mg/Kg-dry	1	30-May-2016 14:16
Vinyl chloride	U		0.00067	0.0017	mg/Kg-dry	1	30-May-2016 14:16
Xylenes, Total	U		0.0020	0.0083	mg/Kg-dry	1	30-May-2016 14:16
Surr: 1,2-Dichloroethane-d4	106			70-128	%REC	1	30-May-2016 14:16
Surr: 4-Bromofluorobenzene	99.4			73-126	%REC	1	30-May-2016 14:16
Surr: Dibromofluoromethane	33.8	S		71-128	%REC	1	30-May-2016 14:16
Surr: Toluene-d8	99.6			73-127	%REC	1	30-May-2016 14:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-130  
 Collection Date: 20-May-2016 09:10

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-31  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0018	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2,4,5-Trichlorophenol	U		0.0027	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2,4,6-Trichlorophenol	U		0.0018	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2,4-Dichlorophenol	U		0.0014	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2,4-Dimethylphenol	U		0.0036	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2,4-Dinitrophenol	U		0.0049	0.014	mg/Kg-dry	1	08-Jun-2016 01:26
2,4-Dinitrotoluene	U		0.00097	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2,6-Dinitrotoluene	U		0.0036	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2-Chloronaphthalene	U		0.0014	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2-Chlorophenol	U		0.0014	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2-Methylnaphthalene	U		0.00054	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
2-Methylphenol	U		0.0012	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2-Nitroaniline	U		0.0021	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
2-Nitrophenol	U		0.0027	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
3&4-Methylphenol	U		0.0011	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
3,3'-Dichlorobenzidine	U		0.0027	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
3-Nitroaniline	U		0.0021	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
4,6-Dinitro-2-methylphenol	U		0.0023	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
4-Bromophenyl phenyl ether	U		0.0017	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
4-Chloro-3-methylphenol	U		0.00076	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
4-Chloroaniline	U		0.0012	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
4-Chlorophenyl phenyl ether	U		0.0016	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
4-Nitroaniline	U		0.0024	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
4-Nitrophenol	U		0.0021	0.014	mg/Kg-dry	1	08-Jun-2016 01:26
Acenaphthene	U		0.00054	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Acenaphthylene	U		0.0011	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Acetophenone	U		0.00086	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Anthracene	U		0.00054	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Atrazine	U		0.0022	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Benz(a)anthracene	U		0.0017	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Benzaldehyde	U		0.0013	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Benzo(a)pyrene	U		0.0011	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Benzo(b)fluoranthene	U		0.0013	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Benzo(g,h,i)perylene	U		0.00076	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Benzo(k)fluoranthene	U		0.00097	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Bis(2-chloroethoxy)methane	U		0.00097	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Bis(2-chloroethyl)ether	U		0.0012	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Bis(2-chloroisopropyl)ether	U		0.0015	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.0062</b>	<b>J</b>	<b>0.0018</b>	<b>0.0071</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>08-Jun-2016 01:26</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-130  
 Collection Date: 20-May-2016 09:10

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-31  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0050	J	0.0014	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Caprolactam	0.0068	J	0.0013	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Carbazole	U		0.0013	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Chrysene	U		0.00086	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Dibenz(a,h)anthracene	U		0.0017	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Dibenzofuran	U		0.00076	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Diethyl phthalate	U		0.0011	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Dimethyl phthalate	U		0.00086	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Di-n-butyl phthalate	0.0069	J	0.0013	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Di-n-octyl phthalate	U		0.00097	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Fluoranthene	U		0.0012	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Fluorene	U		0.0012	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Hexachlorobenzene	U		0.00097	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Hexachlorobutadiene	U		0.0013	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Hexachlorocyclopentadiene	U		0.00086	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Hexachloroethane	U		0.0016	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Indeno(1,2,3-cd)pyrene	U		0.00086	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Isophorone	U		0.00086	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Naphthalene	U		0.00065	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Nitrobenzene	U		0.00097	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
N-Nitrosodi-n-propylamine	U		0.0012	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
N-Nitrosodiphenylamine	U		0.00076	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Pentachlorophenol	U		0.0036	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Phenanthrene	U		0.0016	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Phenol	U		0.0012	0.0071	mg/Kg-dry	1	08-Jun-2016 01:26
Pyrene	U		0.00065	0.0036	mg/Kg-dry	1	08-Jun-2016 01:26
Surr: 2,4,6-Tribromophenol	80.5			36-126	%REC	1	08-Jun-2016 01:26
Surr: 2-Fluorobiphenyl	68.7			43-125	%REC	1	08-Jun-2016 01:26
Surr: 2-Fluorophenol	83.1			37-125	%REC	1	08-Jun-2016 01:26
Surr: 4-Terphenyl-d14	84.2			32-125	%REC	1	08-Jun-2016 01:26
Surr: Nitrobenzene-d5	82.7			37-125	%REC	1	08-Jun-2016 01:26
Surr: Phenol-d6	87.5			40-125	%REC	1	08-Jun-2016 01:26
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	7.67		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-131  
 Collection Date: 20-May-2016 10:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-32  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,1,2,2-Tetrachloroethane	U		0.00078	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,1,2-Trichloroethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,1-Dichloroethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,1-Dichloroethene	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,2,4-Trichlorobenzene	U		0.0011	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,2-Dibromo-3-chloropropane	U		0.0016	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,2-Dibromoethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,2-Dichlorobenzene	U		0.00097	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,2-Dichloroethane	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,2-Dichloropropane	U		0.00078	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,3-Dichlorobenzene	U		0.0011	0.0049	mg/Kg-dry	1	30-May-2016 14:39
1,4-Dichlorobenzene	U		0.00097	0.0049	mg/Kg-dry	1	30-May-2016 14:39
2-Butanone	U		0.0013	0.0097	mg/Kg-dry	1	30-May-2016 14:39
2-Hexanone	U		0.0014	0.0097	mg/Kg-dry	1	30-May-2016 14:39
4-Methyl-2-pentanone	U		0.0019	0.0097	mg/Kg-dry	1	30-May-2016 14:39
<b>Acetone</b>	<b>0.027</b>		<b>0.0030</b>	<b>0.019</b>	<b>mg/Kg-dry</b>	1	30-May-2016 14:39
Benzene	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Bromodichloromethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Bromoform	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Bromomethane	U		0.00097	0.0097	mg/Kg-dry	1	30-May-2016 14:39
Carbon disulfide	U		0.00058	0.0097	mg/Kg-dry	1	30-May-2016 14:39
Carbon tetrachloride	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Chlorobenzene	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Chloroethane	U		0.00078	0.0097	mg/Kg-dry	1	30-May-2016 14:39
Chloroform	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Chloromethane	U		0.00049	0.0097	mg/Kg-dry	1	30-May-2016 14:39
cis-1,2-Dichloroethene	U		0.00078	0.0049	mg/Kg-dry	1	30-May-2016 14:39
cis-1,3-Dichloropropene	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Cyclohexane	U		0.00097	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Dibromochloromethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Dichlorodifluoromethane	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Ethylbenzene	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Isopropylbenzene	U		0.00088	0.0049	mg/Kg-dry	1	30-May-2016 14:39
m,p-Xylene	U		0.0016	0.0097	mg/Kg-dry	1	30-May-2016 14:39
Methyl acetate	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Methyl tert-butyl ether	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Methylcyclohexane	U		0.0012	0.0049	mg/Kg-dry	1	30-May-2016 14:39

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-131  
 Collection Date: 20-May-2016 10:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-32  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
Methylene chloride		U	0.00097	0.0097	mg/Kg-dry	1	30-May-2016 14:39
o-Xylene		U	0.00097	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Styrene		U	0.00068	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Tetrachloroethene		U	0.00068	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Toluene		U	0.00058	0.0049	mg/Kg-dry	1	30-May-2016 14:39
trans-1,2-Dichloroethene		U	0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
trans-1,3-Dichloropropene		U	0.00058	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Trichloroethene		U	0.00058	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Trichlorofluoromethane		U	0.00049	0.0049	mg/Kg-dry	1	30-May-2016 14:39
Vinyl chloride		U	0.00078	0.0019	mg/Kg-dry	1	30-May-2016 14:39
Xylenes, Total		U	0.0023	0.0097	mg/Kg-dry	1	30-May-2016 14:39
Surr: 1,2-Dichloroethane-d4	99.5			70-128	%REC	1	30-May-2016 14:39
Surr: 4-Bromofluorobenzene	98.5			73-126	%REC	1	30-May-2016 14:39
Surr: Dibromofluoromethane	32.4	S		71-128	%REC	1	30-May-2016 14:39
Surr: Toluene-d8	101			73-127	%REC	1	30-May-2016 14:39

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-131  
 Collection Date: 20-May-2016 10:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-32  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
<b>1,1'-Biphenyl</b>	<b>0.015</b>		<b>0.0021</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:45
2,4,5-Trichlorophenol	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
2,4,6-Trichlorophenol	U		0.0021	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
2,4-Dichlorophenol	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
2,4-Dimethylphenol	U		0.0041	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
2,4-Dinitrophenol	U		0.0056	0.017	mg/Kg-dry	1	08-Jun-2016 01:45
2,4-Dinitrotoluene	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
2,6-Dinitrotoluene	U		0.0041	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
2-Chloronaphthalene	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
2-Chlorophenol	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
<b>2-Methylnaphthalene</b>	<b>0.048</b>		<b>0.00063</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:45
2-Methylphenol	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
2-Nitroaniline	U		0.0024	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
2-Nitrophenol	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
<b>3&amp;4-Methylphenol</b>	<b>0.0035</b>	J	<b>0.0013</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:45
3,3'-Dichlorobenzidine	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
3-Nitroaniline	U		0.0024	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
4,6-Dinitro-2-methylphenol	U		0.0026	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
4-Bromophenyl phenyl ether	U		0.0020	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
4-Chloro-3-methylphenol	U		0.00088	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
4-Chloroaniline	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
4-Chlorophenyl phenyl ether	U		0.0019	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
4-Nitroaniline	U		0.0028	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
4-Nitrophenol	U		0.0024	0.017	mg/Kg-dry	1	08-Jun-2016 01:45
<b>Acenaphthene</b>	<b>0.20</b>		<b>0.00063</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:45
<b>Acenaphthylene</b>	<b>0.0047</b>		<b>0.0013</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:45
Acetophenone	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
<b>Anthracene</b>	<b>0.46</b>		<b>0.0031</b>	<b>0.021</b>	<b>mg/Kg-dry</b>	5	08-Jun-2016 20:29
Atrazine	U		0.0025	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
<b>Benz(a)anthracene</b>	<b>0.66</b>		<b>0.010</b>	<b>0.021</b>	<b>mg/Kg-dry</b>	5	08-Jun-2016 20:29
<b>Benzaldehyde</b>	<b>0.0042</b>	J	<b>0.0015</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:45
<b>Benzo(a)pyrene</b>	<b>0.57</b>		<b>0.0063</b>	<b>0.021</b>	<b>mg/Kg-dry</b>	5	08-Jun-2016 20:29
<b>Benzo(b)fluoranthene</b>	<b>0.66</b>		<b>0.0075</b>	<b>0.021</b>	<b>mg/Kg-dry</b>	5	08-Jun-2016 20:29
<b>Benzo(g,h,i)perylene</b>	<b>0.38</b>		<b>0.00088</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:45
<b>Benzo(k)fluoranthene</b>	<b>0.27</b>		<b>0.0011</b>	<b>0.0041</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:45
Bis(2-chloroethoxy)methane	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Bis(2-chloroethyl)ether	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Bis(2-chloroisopropyl)ether	U		0.0018	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.016</b>		<b>0.0021</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 01:45

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-131  
 Collection Date: 20-May-2016 10:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-32  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		Method:SW8270		Prep:SW3541 / 31-May-2016		Analyst: LG	
Butyl benzyl phthalate	0.0027	J	0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Caprolactam	0.022		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Carbazole	0.22		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Chrysene	0.64		0.0050	0.021	mg/Kg-dry	5	08-Jun-2016 20:29
Dibenz(a,h)anthracene	0.085		0.0020	0.0041	mg/Kg-dry	1	08-Jun-2016 01:45
Dibenzofuran	0.13		0.00088	0.0041	mg/Kg-dry	1	08-Jun-2016 01:45
Diethyl phthalate	0.0033	J	0.0013	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Dimethyl phthalate		U	0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Di-n-butyl phthalate	0.014		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Di-n-octyl phthalate		U	0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Fluoranthene	2.0		0.0069	0.021	mg/Kg-dry	5	08-Jun-2016 20:29
Fluorene	0.16		0.0014	0.0041	mg/Kg-dry	1	08-Jun-2016 01:45
Hexachlorobenzene		U	0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Hexachlorobutadiene		U	0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Hexachlorocyclopentadiene		U	0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Hexachloroethane		U	0.0019	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Indeno(1,2,3-cd)pyrene	0.40		0.0050	0.021	mg/Kg-dry	5	08-Jun-2016 20:29
Isophorone		U	0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Naphthalene	0.082		0.00075	0.0041	mg/Kg-dry	1	08-Jun-2016 01:45
Nitrobenzene		U	0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
N-Nitrosodi-n-propylamine		U	0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
N-Nitrosodiphenylamine		U	0.00088	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Pentachlorophenol		U	0.0041	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Phenanthrene	1.8		0.0094	0.021	mg/Kg-dry	5	08-Jun-2016 20:29
Phenol	0.0024	J	0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 01:45
Pyrene	1.7		0.0038	0.021	mg/Kg-dry	5	08-Jun-2016 20:29
Surr: 2,4,6-Tribromophenol	69.8			36-126	%REC	5	08-Jun-2016 20:29
Surr: 2,4,6-Tribromophenol	79.4			36-126	%REC	1	08-Jun-2016 01:45
Surr: 2-Fluorobiphenyl	63.0			43-125	%REC	1	08-Jun-2016 01:45
Surr: 2-Fluorobiphenyl	57.7			43-125	%REC	5	08-Jun-2016 20:29
Surr: 2-Fluorophenol	60.0			37-125	%REC	5	08-Jun-2016 20:29
Surr: 2-Fluorophenol	70.4			37-125	%REC	1	08-Jun-2016 01:45
Surr: 4-Terphenyl-d14	77.7			32-125	%REC	1	08-Jun-2016 01:45
Surr: 4-Terphenyl-d14	74.0			32-125	%REC	5	08-Jun-2016 20:29
Surr: Nitrobenzene-d5	66.9			37-125	%REC	5	08-Jun-2016 20:29
Surr: Nitrobenzene-d5	74.3			37-125	%REC	1	08-Jun-2016 01:45
Surr: Phenol-d6	70.8			40-125	%REC	1	08-Jun-2016 01:45
Surr: Phenol-d6	59.7			40-125	%REC	5	08-Jun-2016 20:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-131  
 Collection Date: 20-May-2016 10:35

**ANALYTICAL REPORT**

WorkOrder:HS16051317  
 Lab ID:HS16051317-32  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>MOISTURE - ASTM D2216</b>	<b>Method:ASTM D2216</b>						Analyst: DFF
Percent Moisture	20.8		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-132  
 Collection Date: 20-May-2016 10:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-33  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
1,1,1-Trichloroethane	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,1,2,2-Tetrachloroethane	U		0.00065	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00057	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,1,2-Trichloroethane	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,1-Dichloroethane	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,1-Dichloroethene	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,2,4-Trichlorobenzene	U		0.00089	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,2-Dibromo-3-chloropropane	U		0.0013	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,2-Dibromoethane	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,2-Dichlorobenzene	U		0.00081	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,2-Dichloroethane	U		0.00049	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,2-Dichloropropane	U		0.00065	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,3-Dichlorobenzene	U		0.00089	0.0040	mg/Kg-dry	1	30-May-2016 15:02
1,4-Dichlorobenzene	U		0.00081	0.0040	mg/Kg-dry	1	30-May-2016 15:02
2-Butanone	U		0.0011	0.0081	mg/Kg-dry	1	30-May-2016 15:02
2-Hexanone	U		0.0011	0.0081	mg/Kg-dry	1	30-May-2016 15:02
4-Methyl-2-pentanone	U		0.0016	0.0081	mg/Kg-dry	1	30-May-2016 15:02
Acetone	U		0.0025	0.016	mg/Kg-dry	1	30-May-2016 15:02
Benzene	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Bromodichloromethane	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Bromoform	U		0.00049	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Bromomethane	U		0.00081	0.0081	mg/Kg-dry	1	30-May-2016 15:02
Carbon disulfide	U		0.00049	0.0081	mg/Kg-dry	1	30-May-2016 15:02
Carbon tetrachloride	U		0.00049	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Chlorobenzene	U		0.00049	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Chloroethane	U		0.00065	0.0081	mg/Kg-dry	1	30-May-2016 15:02
Chloroform	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Chloromethane	U		0.00040	0.0081	mg/Kg-dry	1	30-May-2016 15:02
cis-1,2-Dichloroethene	U		0.00065	0.0040	mg/Kg-dry	1	30-May-2016 15:02
cis-1,3-Dichloropropene	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Cyclohexane	U		0.00081	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Dibromochloromethane	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Dichlorodifluoromethane	U		0.00057	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Ethylbenzene	U		0.00057	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Isopropylbenzene	U		0.00073	0.0040	mg/Kg-dry	1	30-May-2016 15:02
m,p-Xylene	U		0.0013	0.0081	mg/Kg-dry	1	30-May-2016 15:02
Methyl acetate	U		0.00057	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Methyl tert-butyl ether	U		0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Methylcyclohexane	U		0.00097	0.0040	mg/Kg-dry	1	30-May-2016 15:02

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-132  
 Collection Date: 20-May-2016 10:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-33  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
Methylene chloride		U	0.00081	0.0081	mg/Kg-dry	1	30-May-2016 15:02
o-Xylene		U	0.00081	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Styrene		U	0.00057	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Tetrachloroethene		U	0.00057	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Toluene		U	0.00049	0.0040	mg/Kg-dry	1	30-May-2016 15:02
trans-1,2-Dichloroethene		U	0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
trans-1,3-Dichloropropene		U	0.00049	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Trichloroethene		U	0.00049	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Trichlorofluoromethane		U	0.00040	0.0040	mg/Kg-dry	1	30-May-2016 15:02
Vinyl chloride		U	0.00065	0.0016	mg/Kg-dry	1	30-May-2016 15:02
Xylenes, Total		U	0.0019	0.0081	mg/Kg-dry	1	30-May-2016 15:02
Surr: 1,2-Dichloroethane-d4	102			70-128	%REC	1	30-May-2016 15:02
Surr: 4-Bromofluorobenzene	99.5			73-126	%REC	1	30-May-2016 15:02
Surr: Dibromofluoromethane	32.0	S		71-128	%REC	1	30-May-2016 15:02
Surr: Toluene-d8	100			73-127	%REC	1	30-May-2016 15:02

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-132  
 Collection Date: 20-May-2016 10:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-33  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0020	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2,4,5-Trichlorophenol	U		0.0029	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2,4,6-Trichlorophenol	U		0.0020	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2,4-Dichlorophenol	U		0.0015	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2,4-Dimethylphenol	U		0.0038	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2,4-Dinitrophenol	U		0.0052	0.015	mg/Kg-dry	1	08-Jun-2016 02:05
2,4-Dinitrotoluene	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2,6-Dinitrotoluene	U		0.0038	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2-Chloronaphthalene	U		0.0015	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2-Chlorophenol	U		0.0015	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2-Methylnaphthalene	U		0.00058	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
2-Methylphenol	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2-Nitroaniline	U		0.0022	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
2-Nitrophenol	U		0.0029	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
3&4-Methylphenol	U		0.0012	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
3,3'-Dichlorobenzidine	U		0.0029	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
3-Nitroaniline	U		0.0022	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
4,6-Dinitro-2-methylphenol	U		0.0024	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
4-Bromophenyl phenyl ether	U		0.0018	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
4-Chloro-3-methylphenol	U		0.00081	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
4-Chloroaniline	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
4-Chlorophenyl phenyl ether	U		0.0017	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
4-Nitroaniline	U		0.0025	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
4-Nitrophenol	U		0.0022	0.015	mg/Kg-dry	1	08-Jun-2016 02:05
Acenaphthene	U		0.00058	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Acenaphthylene	U		0.0012	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Acetophenone	U		0.00092	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Anthracene	U		0.00058	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Atrazine	U		0.0023	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Benz(a)anthracene	U		0.0018	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Benzaldehyde	U		0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Benzo(a)pyrene	U		0.0012	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Benzo(b)fluoranthene	U		0.0014	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Benzo(g,h,i)perylene	U		0.00081	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Benzo(k)fluoranthene	U		0.0010	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Bis(2-chloroethoxy)methane	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Bis(2-chloroethyl)ether	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Bis(2-chloroisopropyl)ether	U		0.0016	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
<b>Bis(2-ethylhexyl)phthalate</b>		<b>0.0091</b>	<b>0.0020</b>	<b>0.0076</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>08-Jun-2016 02:05</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-132  
 Collection Date: 20-May-2016 10:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-33  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0085		0.0015	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Caprolactam	0.0063	J	0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Carbazole	U		0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Chrysene	U		0.00092	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Dibenz(a,h)anthracene	U		0.0018	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Dibenzofuran	U		0.00081	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Diethyl phthalate	U		0.0012	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Dimethyl phthalate	U		0.00092	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Di-n-butyl phthalate	0.012		0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Di-n-octyl phthalate	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Fluoranthene	U		0.0013	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Fluorene	U		0.0013	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Hexachlorobenzene	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Hexachlorobutadiene	U		0.0014	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Hexachlorocyclopentadiene	U		0.00092	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Hexachloroethane	U		0.0017	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Indeno(1,2,3-cd)pyrene	U		0.00092	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Isophorone	U		0.00092	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Naphthalene	U		0.00069	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Nitrobenzene	U		0.0010	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
N-Nitrosodi-n-propylamine	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
N-Nitrosodiphenylamine	U		0.00081	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Pentachlorophenol	U		0.0038	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Phenanthrene	U		0.0017	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Phenol	U		0.0013	0.0076	mg/Kg-dry	1	08-Jun-2016 02:05
Pyrene	U		0.00069	0.0038	mg/Kg-dry	1	08-Jun-2016 02:05
Surr: 2,4,6-Tribromophenol	81.6			36-126	%REC	1	08-Jun-2016 02:05
Surr: 2-Fluorobiphenyl	62.4			43-125	%REC	1	08-Jun-2016 02:05
Surr: 2-Fluorophenol	75.2			37-125	%REC	1	08-Jun-2016 02:05
Surr: 4-Terphenyl-d14	85.4			32-125	%REC	1	08-Jun-2016 02:05
Surr: Nitrobenzene-d5	77.2			37-125	%REC	1	08-Jun-2016 02:05
Surr: Phenol-d6	77.5			40-125	%REC	1	08-Jun-2016 02:05
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	13.5		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: Trip Blank-TSP-05/12/16-02  
 Collection Date: 18-May-2016 11:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-34  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: PC
1,1,1-Trichloroethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
1,1,2,2-Tetrachloroethane	U		0.00050	0.0010	mg/L	1	30-May-2016 15:39
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	0.0010	mg/L	1	30-May-2016 15:39
1,1,2-Trichloroethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
1,1-Dichloroethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
1,1-Dichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
1,2,4-Trichlorobenzene	U		0.00050	0.0010	mg/L	1	30-May-2016 15:39
1,2-Dibromo-3-chloropropane	U		0.0010	0.0010	mg/L	1	30-May-2016 15:39
1,2-Dibromoethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
1,2-Dichlorobenzene	U		0.00050	0.0010	mg/L	1	30-May-2016 15:39
1,2-Dichloroethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
1,2-Dichloropropane	U		0.00050	0.0010	mg/L	1	30-May-2016 15:39
1,3-Dichlorobenzene	U		0.00040	0.0010	mg/L	1	30-May-2016 15:39
1,4-Dichlorobenzene	U		0.00040	0.0010	mg/L	1	30-May-2016 15:39
2-Butanone	U		0.00050	0.0020	mg/L	1	30-May-2016 15:39
2-Hexanone	U		0.0010	0.0020	mg/L	1	30-May-2016 15:39
4-Methyl-2-pentanone	U		0.00070	0.0020	mg/L	1	30-May-2016 15:39
Acetone	U		0.0020	0.0020	mg/L	1	30-May-2016 15:39
Benzene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
Bromodichloromethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
Bromoform	U		0.00040	0.0010	mg/L	1	30-May-2016 15:39
Bromomethane	U		0.00040	0.0010	mg/L	1	30-May-2016 15:39
Carbon disulfide	U		0.00060	0.0020	mg/L	1	30-May-2016 15:39
Carbon tetrachloride	U		0.00050	0.0010	mg/L	1	30-May-2016 15:39
Chlorobenzene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Chloroethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Chloroform	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
Chloromethane	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
cis-1,2-Dichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
cis-1,3-Dichloropropene	U		0.00010	0.0010	mg/L	1	30-May-2016 15:39
Cyclohexane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Dibromochloromethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Dichlorodifluoromethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Ethylbenzene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Isopropylbenzene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
m,p-Xylene	U		0.00050	0.0020	mg/L	1	30-May-2016 15:39
Methyl acetate	U		0.0010	0.0010	mg/L	1	30-May-2016 15:39
Methyl tert-butyl ether	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
Methylcyclohexane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: Trip Blank-TSP-05/12/16-02  
 Collection Date: 18-May-2016 11:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-34  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: PC
Methylene chloride	U		0.0010	0.0020	mg/L	1	30-May-2016 15:39
o-Xylene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Styrene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Tetrachloroethene	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Toluene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
trans-1,2-Dichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
trans-1,3-Dichloropropene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
Trichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
Trichlorofluoromethane	U		0.00030	0.0010	mg/L	1	30-May-2016 15:39
Vinyl chloride	U		0.00020	0.0010	mg/L	1	30-May-2016 15:39
Xylenes, Total	U		0.00050	0.0030	mg/L	1	30-May-2016 15:39
Surr: 1,2-Dichloroethane-d4	97.7			71-125	%REC	1	30-May-2016 15:39
Surr: 4-Bromofluorobenzene	95.8			70-125	%REC	1	30-May-2016 15:39
Surr: Dibromofluoromethane	75.1			74-125	%REC	1	30-May-2016 15:39
Surr: Toluene-d8	98.8			75-125	%REC	1	30-May-2016 15:39

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-133  
 Collection Date: 20-May-2016 14:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-35  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,1,2,2-Tetrachloroethane	U		0.00076	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00066	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,1,2-Trichloroethane	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,1-Dichloroethane	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,1-Dichloroethene	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,2,4-Trichlorobenzene	U		0.0010	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,2-Dibromo-3-chloropropane	U		0.0015	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,2-Dibromoethane	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,2-Dichlorobenzene	U		0.00095	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,2-Dichloroethane	U		0.00057	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,2-Dichloropropane	U		0.00076	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,3-Dichlorobenzene	U		0.0010	0.0047	mg/Kg-dry	1	30-May-2016 15:25
1,4-Dichlorobenzene	U		0.00095	0.0047	mg/Kg-dry	1	30-May-2016 15:25
2-Butanone	U		0.0012	0.0095	mg/Kg-dry	1	30-May-2016 15:25
2-Hexanone	U		0.0013	0.0095	mg/Kg-dry	1	30-May-2016 15:25
4-Methyl-2-pentanone	U		0.0019	0.0095	mg/Kg-dry	1	30-May-2016 15:25
<b>Acetone</b>	<b>0.065</b>		<b>0.0029</b>	<b>0.019</b>	<b>mg/Kg-dry</b>	1	30-May-2016 15:25
Benzene	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Bromodichloromethane	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Bromoform	U		0.00057	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Bromomethane	U		0.00095	0.0095	mg/Kg-dry	1	30-May-2016 15:25
Carbon disulfide	U		0.00057	0.0095	mg/Kg-dry	1	30-May-2016 15:25
Carbon tetrachloride	U		0.00057	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Chlorobenzene	U		0.00057	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Chloroethane	U		0.00076	0.0095	mg/Kg-dry	1	30-May-2016 15:25
Chloroform	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Chloromethane	U		0.00047	0.0095	mg/Kg-dry	1	30-May-2016 15:25
cis-1,2-Dichloroethene	U		0.00076	0.0047	mg/Kg-dry	1	30-May-2016 15:25
cis-1,3-Dichloropropene	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Cyclohexane	U		0.00095	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Dibromochloromethane	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Dichlorodifluoromethane	U		0.00066	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Ethylbenzene	U		0.00066	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Isopropylbenzene	U		0.00085	0.0047	mg/Kg-dry	1	30-May-2016 15:25
m,p-Xylene	U		0.0015	0.0095	mg/Kg-dry	1	30-May-2016 15:25
Methyl acetate	U		0.00066	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Methyl tert-butyl ether	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Methylcyclohexane	U		0.0011	0.0047	mg/Kg-dry	1	30-May-2016 15:25

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-133  
 Collection Date: 20-May-2016 14:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-35  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
Methylene chloride	U		0.00095	0.0095	mg/Kg-dry	1	30-May-2016 15:25
o-Xylene	U		0.00095	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Styrene	U		0.00066	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Tetrachloroethene	U		0.00066	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Toluene	U		0.00057	0.0047	mg/Kg-dry	1	30-May-2016 15:25
trans-1,2-Dichloroethene	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
trans-1,3-Dichloropropene	U		0.00057	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Trichloroethene	U		0.00057	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Trichlorofluoromethane	U		0.00047	0.0047	mg/Kg-dry	1	30-May-2016 15:25
Vinyl chloride	U		0.00076	0.0019	mg/Kg-dry	1	30-May-2016 15:25
Xylenes, Total	U		0.0023	0.0095	mg/Kg-dry	1	30-May-2016 15:25
Surr: 1,2-Dichloroethane-d4	101			70-128	%REC	1	30-May-2016 15:25
Surr: 4-Bromofluorobenzene	98.7			73-126	%REC	1	30-May-2016 15:25
Surr: Dibromofluoromethane	39.1	S		71-128	%REC	1	30-May-2016 15:25
Surr: Toluene-d8	99.4			73-127	%REC	1	30-May-2016 15:25
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	17.5		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-134  
 Collection Date: 20-May-2016 14:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-36  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,1,2,2-Tetrachloroethane	U		0.00081	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00071	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,1,2-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,1-Dichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,1-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,2,4-Trichlorobenzene	U		0.0011	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,2-Dibromo-3-chloropropane	U		0.0016	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,2-Dibromoethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,2-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,2-Dichloroethane	U		0.00061	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,2-Dichloropropane	U		0.00081	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,3-Dichlorobenzene	U		0.0011	0.0051	mg/Kg-dry	1	30-May-2016 15:49
1,4-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	30-May-2016 15:49
2-Butanone	U		0.0013	0.010	mg/Kg-dry	1	30-May-2016 15:49
2-Hexanone	U		0.0014	0.010	mg/Kg-dry	1	30-May-2016 15:49
4-Methyl-2-pentanone	U		0.0020	0.010	mg/Kg-dry	1	30-May-2016 15:49
<b>Acetone</b>	<b>0.025</b>		<b>0.0031</b>	<b>0.020</b>	<b>mg/Kg-dry</b>	1	30-May-2016 15:49
Benzene	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Bromodichloromethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Bromoform	U		0.00061	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Bromomethane	U		0.0010	0.010	mg/Kg-dry	1	30-May-2016 15:49
Carbon disulfide	U		0.00061	0.010	mg/Kg-dry	1	30-May-2016 15:49
Carbon tetrachloride	U		0.00061	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Chlorobenzene	U		0.00061	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Chloroethane	U		0.00081	0.010	mg/Kg-dry	1	30-May-2016 15:49
Chloroform	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Chloromethane	U		0.00051	0.010	mg/Kg-dry	1	30-May-2016 15:49
cis-1,2-Dichloroethene	U		0.00081	0.0051	mg/Kg-dry	1	30-May-2016 15:49
cis-1,3-Dichloropropene	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Cyclohexane	U		0.0010	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Dibromochloromethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Dichlorodifluoromethane	U		0.00071	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Ethylbenzene	U		0.00071	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Isopropylbenzene	U		0.00091	0.0051	mg/Kg-dry	1	30-May-2016 15:49
m,p-Xylene	U		0.0016	0.010	mg/Kg-dry	1	30-May-2016 15:49
Methyl acetate	U		0.00071	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Methyl tert-butyl ether	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Methylcyclohexane	U		0.0012	0.0051	mg/Kg-dry	1	30-May-2016 15:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-134  
 Collection Date: 20-May-2016 14:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-36  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride	U		0.0010	0.010	mg/Kg-dry	1	30-May-2016 15:49
o-Xylene	U		0.0010	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Styrene	U		0.00071	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Tetrachloroethene	U		0.00071	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Toluene	U		0.00061	0.0051	mg/Kg-dry	1	30-May-2016 15:49
trans-1,2-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
trans-1,3-Dichloropropene	U		0.00061	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Trichloroethene	U		0.00061	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Trichlorofluoromethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 15:49
Vinyl chloride	U		0.00081	0.0020	mg/Kg-dry	1	30-May-2016 15:49
Xylenes, Total	U		0.0024	0.010	mg/Kg-dry	1	30-May-2016 15:49
Surr: 1,2-Dichloroethane-d4	102			70-128	%REC	1	30-May-2016 15:49
Surr: 4-Bromofluorobenzene	98.7			73-126	%REC	1	30-May-2016 15:49
Surr: Dibromofluoromethane	30.7	S		71-128	%REC	1	30-May-2016 15:49
Surr: Toluene-d8	101			73-127	%REC	1	30-May-2016 15:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-134  
 Collection Date: 20-May-2016 14:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-36  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0021	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2,4,5-Trichlorophenol	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2,4,6-Trichlorophenol	U		0.0021	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2,4-Dichlorophenol	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2,4-Dimethylphenol	U		0.0042	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2,4-Dinitrophenol	U		0.0057	0.017	mg/Kg-dry	1	08-Jun-2016 02:25
2,4-Dinitrotoluene	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2,6-Dinitrotoluene	U		0.0042	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2-Chloronaphthalene	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2-Chlorophenol	U		0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2-Methylnaphthalene	U		0.00063	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
2-Methylphenol	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2-Nitroaniline	U		0.0024	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
2-Nitrophenol	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
3&4-Methylphenol	U		0.0013	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
3,3'-Dichlorobenzidine	U		0.0031	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
3-Nitroaniline	U		0.0024	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
4,6-Dinitro-2-methylphenol	U		0.0026	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
4-Bromophenyl phenyl ether	U		0.0020	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
4-Chloro-3-methylphenol	U		0.00088	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
4-Chloroaniline	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
4-Chlorophenyl phenyl ether	U		0.0019	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
4-Nitroaniline	U		0.0028	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
4-Nitrophenol	U		0.0024	0.017	mg/Kg-dry	1	08-Jun-2016 02:25
Acenaphthene	U		0.00063	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Acenaphthylene	U		0.0013	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Acetophenone	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Anthracene	U		0.00063	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Atrazine	U		0.0025	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Benz(a)anthracene	U		0.0020	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Benzaldehyde	U		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Benzo(a)pyrene	U		0.0013	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Benzo(b)fluoranthene	U		0.0015	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Benzo(g,h,i)perylene	U		0.00088	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Benzo(k)fluoranthene	U		0.0011	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Bis(2-chloroethoxy)methane	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Bis(2-chloroethyl)ether	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Bis(2-chloroisopropyl)ether	U		0.0018	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.010</b>		<b>0.0021</b>	<b>0.0083</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>08-Jun-2016 02:25</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-134  
 Collection Date: 20-May-2016 14:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-36  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0031	J	0.0016	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Caprolactam	0.015		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Carbazole	U		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Chrysene	U		0.0010	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Dibenz(a,h)anthracene	U		0.0020	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Dibenzofuran	U		0.00088	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Diethyl phthalate	0.0031	J	0.0013	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Dimethyl phthalate	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Di-n-butyl phthalate	0.013		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Di-n-octyl phthalate	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Fluoranthene	U		0.0014	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Fluorene	U		0.0014	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Hexachlorobenzene	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Hexachlorobutadiene	U		0.0015	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Hexachlorocyclopentadiene	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Hexachloroethane	U		0.0019	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Indeno(1,2,3-cd)pyrene	U		0.0010	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Isophorone	U		0.0010	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Naphthalene	U		0.00076	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Nitrobenzene	U		0.0011	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
N-Nitrosodi-n-propylamine	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
N-Nitrosodiphenylamine	U		0.00088	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Pentachlorophenol	U		0.0042	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Phenanthrene	U		0.0019	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Phenol	U		0.0014	0.0083	mg/Kg-dry	1	08-Jun-2016 02:25
Pyrene	U		0.00076	0.0042	mg/Kg-dry	1	08-Jun-2016 02:25
Surr: 2,4,6-Tribromophenol	82.8			36-126	%REC	1	08-Jun-2016 02:25
Surr: 2-Fluorobiphenyl	67.8			43-125	%REC	1	08-Jun-2016 02:25
Surr: 2-Fluorophenol	69.8			37-125	%REC	1	08-Jun-2016 02:25
Surr: 4-Terphenyl-d14	85.2			32-125	%REC	1	08-Jun-2016 02:25
Surr: Nitrobenzene-d5	74.5			37-125	%REC	1	08-Jun-2016 02:25
Surr: Phenol-d6	68.4			40-125	%REC	1	08-Jun-2016 02:25
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	21.0		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-135  
 Collection Date: 20-May-2016 14:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-37  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,1,2,2-Tetrachloroethane	U		0.00072	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00063	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,1,2-Trichloroethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,1-Dichloroethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,1-Dichloroethene	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,2,4-Trichlorobenzene	U		0.00099	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,2-Dibromo-3-chloropropane	U		0.0014	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,2-Dibromoethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,2-Dichlorobenzene	U		0.00090	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,2-Dichloroethane	U		0.00054	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,2-Dichloropropane	U		0.00072	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,3-Dichlorobenzene	U		0.00099	0.0045	mg/Kg-dry	1	30-May-2016 16:12
1,4-Dichlorobenzene	U		0.00090	0.0045	mg/Kg-dry	1	30-May-2016 16:12
2-Butanone	U		0.0012	0.0090	mg/Kg-dry	1	30-May-2016 16:12
2-Hexanone	U		0.0013	0.0090	mg/Kg-dry	1	30-May-2016 16:12
4-Methyl-2-pentanone	U		0.0018	0.0090	mg/Kg-dry	1	30-May-2016 16:12
Acetone	U		0.0028	0.018	mg/Kg-dry	1	30-May-2016 16:12
Benzene	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Bromodichloromethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Bromoform	U		0.00054	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Bromomethane	U		0.00090	0.0090	mg/Kg-dry	1	30-May-2016 16:12
Carbon disulfide	U		0.00054	0.0090	mg/Kg-dry	1	30-May-2016 16:12
Carbon tetrachloride	U		0.00054	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Chlorobenzene	U		0.00054	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Chloroethane	U		0.00072	0.0090	mg/Kg-dry	1	30-May-2016 16:12
Chloroform	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Chloromethane	U		0.00045	0.0090	mg/Kg-dry	1	30-May-2016 16:12
cis-1,2-Dichloroethene	U		0.00072	0.0045	mg/Kg-dry	1	30-May-2016 16:12
cis-1,3-Dichloropropene	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Cyclohexane	U		0.00090	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Dibromochloromethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Dichlorodifluoromethane	U		0.00063	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Ethylbenzene	U		0.00063	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Isopropylbenzene	U		0.00081	0.0045	mg/Kg-dry	1	30-May-2016 16:12
m,p-Xylene	U		0.0014	0.0090	mg/Kg-dry	1	30-May-2016 16:12
Methyl acetate	U		0.00063	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Methyl tert-butyl ether	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Methylcyclohexane	U		0.0011	0.0045	mg/Kg-dry	1	30-May-2016 16:12

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-135  
 Collection Date: 20-May-2016 14:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-37  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride		U	0.00090	0.0090	mg/Kg-dry	1	30-May-2016 16:12
o-Xylene		U	0.00090	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Styrene		U	0.00063	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Tetrachloroethene		U	0.00063	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Toluene		U	0.00054	0.0045	mg/Kg-dry	1	30-May-2016 16:12
trans-1,2-Dichloroethene		U	0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
trans-1,3-Dichloropropene		U	0.00054	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Trichloroethene		U	0.00054	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Trichlorofluoromethane		U	0.00045	0.0045	mg/Kg-dry	1	30-May-2016 16:12
Vinyl chloride		U	0.00072	0.0018	mg/Kg-dry	1	30-May-2016 16:12
Xylenes, Total		U	0.0022	0.0090	mg/Kg-dry	1	30-May-2016 16:12
Surr: 1,2-Dichloroethane-d4	100			70-128	%REC	1	30-May-2016 16:12
Surr: 4-Bromofluorobenzene	98.5			73-126	%REC	1	30-May-2016 16:12
Surr: Dibromofluoromethane	41.7	S		71-128	%REC	1	30-May-2016 16:12
Surr: Toluene-d8	98.1			73-127	%REC	1	30-May-2016 16:12

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-135  
 Collection Date: 20-May-2016 14:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-37  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0021	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2,4,5-Trichlorophenol	U		0.0030	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2,4,6-Trichlorophenol	U		0.0021	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2,4-Dichlorophenol	U		0.0016	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2,4-Dimethylphenol	U		0.0040	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2,4-Dinitrophenol	U		0.0054	0.016	mg/Kg-dry	1	08-Jun-2016 02:44
2,4-Dinitrotoluene	U		0.0011	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2,6-Dinitrotoluene	U		0.0040	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2-Chloronaphthalene	U		0.0016	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2-Chlorophenol	U		0.0016	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2-Methylnaphthalene	U		0.00060	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
2-Methylphenol	U		0.0013	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2-Nitroaniline	U		0.0023	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
2-Nitrophenol	U		0.0030	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
3&4-Methylphenol	U		0.0012	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
3,3'-Dichlorobenzidine	U		0.0030	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
3-Nitroaniline	U		0.0023	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
4,6-Dinitro-2-methylphenol	U		0.0025	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
4-Bromophenyl phenyl ether	U		0.0019	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
4-Chloro-3-methylphenol	U		0.00085	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
4-Chloroaniline	U		0.0013	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
4-Chlorophenyl phenyl ether	U		0.0018	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
4-Nitroaniline	U		0.0027	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	08-Jun-2016 02:44
Acenaphthene	U		0.00060	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Acenaphthylene	U		0.0012	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Acetophenone	U		0.00097	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Anthracene	U		0.00060	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Atrazine	U		0.0024	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Benz(a)anthracene	U		0.0019	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Benzaldehyde	U		0.0015	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Benzo(a)pyrene	U		0.0012	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Benzo(b)fluoranthene	U		0.0015	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Benzo(g,h,i)perylene	U		0.00085	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Benzo(k)fluoranthene	U		0.0011	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Bis(2-chloroethoxy)methane	U		0.0011	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Bis(2-chloroethyl)ether	U		0.0013	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Bis(2-chloroisopropyl)ether	U		0.0017	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.011</b>		<b>0.0021</b>	<b>0.0080</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>08-Jun-2016 02:44</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-135  
 Collection Date: 20-May-2016 14:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-37  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0027	J	0.0016	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Caprolactam	0.018		0.0015	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Carbazole	U		0.0015	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Chrysene	U		0.00097	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Dibenz(a,h)anthracene	U		0.0019	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Dibenzofuran	U		0.00085	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Diethyl phthalate	0.0031	J	0.0012	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Dimethyl phthalate	U		0.00097	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Di-n-butyl phthalate	0.013		0.0015	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Di-n-octyl phthalate	U		0.0011	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Fluoranthene	U		0.0013	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Fluorene	U		0.0013	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Hexachlorobenzene	U		0.0011	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Hexachlorobutadiene	U		0.0015	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Hexachlorocyclopentadiene	U		0.00097	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Hexachloroethane	U		0.0018	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Indeno(1,2,3-cd)pyrene	U		0.00097	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Isophorone	U		0.00097	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Naphthalene	U		0.00073	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Nitrobenzene	U		0.0011	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
N-Nitrosodi-n-propylamine	U		0.0013	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
N-Nitrosodiphenylamine	U		0.00085	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Pentachlorophenol	U		0.0040	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Phenanthrene	U		0.0018	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Phenol	0.0022	J	0.0013	0.0080	mg/Kg-dry	1	08-Jun-2016 02:44
Pyrene	U		0.00073	0.0040	mg/Kg-dry	1	08-Jun-2016 02:44
Surr: 2,4,6-Tribromophenol	79.1			36-126	%REC	1	08-Jun-2016 02:44
Surr: 2-Fluorobiphenyl	65.1			43-125	%REC	1	08-Jun-2016 02:44
Surr: 2-Fluorophenol	69.7			37-125	%REC	1	08-Jun-2016 02:44
Surr: 4-Terphenyl-d14	81.6			32-125	%REC	1	08-Jun-2016 02:44
Surr: Nitrobenzene-d5	77.6			37-125	%REC	1	08-Jun-2016 02:44
Surr: Phenol-d6	70.3			40-125	%REC	1	08-Jun-2016 02:44
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	17.8		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-136  
 Collection Date: 20-May-2016 16:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-38  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,1,2,2-Tetrachloroethane	U		0.00082	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00072	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,1,2-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,1-Dichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,1-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,2,4-Trichlorobenzene	U		0.0011	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,2-Dibromo-3-chloropropane	U		0.0016	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,2-Dibromoethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,2-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,2-Dichloroethane	U		0.00062	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,2-Dichloropropane	U		0.00082	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,3-Dichlorobenzene	U		0.0011	0.0051	mg/Kg-dry	1	30-May-2016 16:35
1,4-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	30-May-2016 16:35
2-Butanone	U		0.0013	0.010	mg/Kg-dry	1	30-May-2016 16:35
2-Hexanone	U		0.0014	0.010	mg/Kg-dry	1	30-May-2016 16:35
4-Methyl-2-pentanone	U		0.0021	0.010	mg/Kg-dry	1	30-May-2016 16:35
Acetone	U		0.0032	0.021	mg/Kg-dry	1	30-May-2016 16:35
Benzene	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Bromodichloromethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Bromoform	U		0.00062	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Bromomethane	U		0.0010	0.010	mg/Kg-dry	1	30-May-2016 16:35
Carbon disulfide	U		0.00062	0.010	mg/Kg-dry	1	30-May-2016 16:35
Carbon tetrachloride	U		0.00062	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Chlorobenzene	U		0.00062	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Chloroethane	U		0.00082	0.010	mg/Kg-dry	1	30-May-2016 16:35
Chloroform	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Chloromethane	U		0.00051	0.010	mg/Kg-dry	1	30-May-2016 16:35
cis-1,2-Dichloroethene	U		0.00082	0.0051	mg/Kg-dry	1	30-May-2016 16:35
cis-1,3-Dichloropropene	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Cyclohexane	U		0.0010	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Dibromochloromethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Dichlorodifluoromethane	U		0.00072	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Ethylbenzene	U		0.00072	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Isopropylbenzene	U		0.00092	0.0051	mg/Kg-dry	1	30-May-2016 16:35
m,p-Xylene	U		0.0016	0.010	mg/Kg-dry	1	30-May-2016 16:35
Methyl acetate	U		0.00072	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Methyl tert-butyl ether	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Methylcyclohexane	U		0.0012	0.0051	mg/Kg-dry	1	30-May-2016 16:35

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-136  
 Collection Date: 20-May-2016 16:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-38  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride	U		0.0010	0.010	mg/Kg-dry	1	30-May-2016 16:35
o-Xylene	U		0.0010	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Styrene	U		0.00072	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Tetrachloroethene	U		0.00072	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Toluene	U		0.00062	0.0051	mg/Kg-dry	1	30-May-2016 16:35
trans-1,2-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
trans-1,3-Dichloropropene	U		0.00062	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Trichloroethene	U		0.00062	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Trichlorofluoromethane	U		0.00051	0.0051	mg/Kg-dry	1	30-May-2016 16:35
Vinyl chloride	U		0.00082	0.0021	mg/Kg-dry	1	30-May-2016 16:35
Xylenes, Total	U		0.0025	0.010	mg/Kg-dry	1	30-May-2016 16:35
Surr: 1,2-Dichloroethane-d4	101			70-128	%REC	1	30-May-2016 16:35
Surr: 4-Bromofluorobenzene	99.4			73-126	%REC	1	30-May-2016 16:35
Surr: Dibromofluoromethane	47.7	S		71-128	%REC	1	30-May-2016 16:35
Surr: Toluene-d8	100			73-127	%REC	1	30-May-2016 16:35

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-136  
 Collection Date: 20-May-2016 16:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-38  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0022	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2,4,5-Trichlorophenol	U		0.0032	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2,4,6-Trichlorophenol	U		0.0022	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2,4-Dichlorophenol	U		0.0017	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2,4-Dimethylphenol	U		0.0042	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2,4-Dinitrophenol	U		0.0057	0.017	mg/Kg-dry	1	08-Jun-2016 03:04
2,4-Dinitrotoluene	U		0.0011	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2,6-Dinitrotoluene	U		0.0042	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2-Chloronaphthalene	U		0.0017	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2-Chlorophenol	U		0.0017	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2-Methylnaphthalene	U		0.00064	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
2-Methylphenol	U		0.0014	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2-Nitroaniline	U		0.0024	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
2-Nitrophenol	U		0.0032	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
3&4-Methylphenol	U		0.0013	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
3,3'-Dichlorobenzidine	U		0.0032	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
3-Nitroaniline	U		0.0024	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
4,6-Dinitro-2-methylphenol	U		0.0027	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
4-Bromophenyl phenyl ether	U		0.0020	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
4-Chloro-3-methylphenol	U		0.00089	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
4-Chloroaniline	U		0.0014	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
4-Chlorophenyl phenyl ether	U		0.0019	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
4-Nitroaniline	U		0.0028	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
4-Nitrophenol	U		0.0024	0.017	mg/Kg-dry	1	08-Jun-2016 03:04
Acenaphthene	U		0.00064	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Acenaphthylene	U		0.0013	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Acetophenone	U		0.0010	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
<b>Anthracene</b>	<b>0.0052</b>		<b>0.00064</b>	<b>0.0042</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 03:04
Atrazine	U		0.0026	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
<b>Benz(a)anthracene</b>	<b>0.037</b>		<b>0.0020</b>	<b>0.0042</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 03:04
Benzaldehyde	U		0.0015	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
<b>Benzo(a)pyrene</b>	<b>0.042</b>		<b>0.0013</b>	<b>0.0042</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 03:04
<b>Benzo(b)fluoranthene</b>	<b>0.065</b>		<b>0.0015</b>	<b>0.0042</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 03:04
<b>Benzo(g,h,i)perylene</b>	<b>0.035</b>		<b>0.00089</b>	<b>0.0042</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 03:04
<b>Benzo(k)fluoranthene</b>	<b>0.069</b>		<b>0.0011</b>	<b>0.0042</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 03:04
Bis(2-chloroethoxy)methane	U		0.0011	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Bis(2-chloroethyl)ether	U		0.0014	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Bis(2-chloroisopropyl)ether	U		0.0018	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.039</b>		<b>0.0022</b>	<b>0.0084</b>	<b>mg/Kg-dry</b>	1	08-Jun-2016 03:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-136  
 Collection Date: 20-May-2016 16:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-38  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>		Prep:SW3541 / 31-May-2016		Analyst: LG	
Butyl benzyl phthalate	0.0048	J	0.0017	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Caprolactam	0.011		0.0015	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Carbazole	0.0039	J	0.0015	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Chrysene	0.045		0.0010	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Dibenz(a,h)anthracene	0.0077		0.0020	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Dibenzofuran	U		0.00089	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Diethyl phthalate	0.0024	J	0.0013	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Dimethyl phthalate	U		0.0010	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Di-n-butyl phthalate	0.014		0.0015	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Di-n-octyl phthalate	U		0.0011	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Fluoranthene	0.079		0.0014	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Fluorene	U		0.0014	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Hexachlorobenzene	U		0.0011	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Hexachlorobutadiene	U		0.0015	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Hexachlorocyclopentadiene	U		0.0010	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Hexachloroethane	U		0.0019	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Indeno(1,2,3-cd)pyrene	0.039		0.0010	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Isophorone	U		0.0010	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Naphthalene	U		0.00077	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Nitrobenzene	U		0.0011	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
N-Nitrosodi-n-propylamine	U		0.0014	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
N-Nitrosodiphenylamine	U		0.00089	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Pentachlorophenol	U		0.0042	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Phenanthrene	0.027		0.0019	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Phenol	U		0.0014	0.0084	mg/Kg-dry	1	08-Jun-2016 03:04
Pyrene	0.067		0.00077	0.0042	mg/Kg-dry	1	08-Jun-2016 03:04
Surr: 2,4,6-Tribromophenol	78.9			36-126	%REC	1	08-Jun-2016 03:04
Surr: 2-Fluorobiphenyl	65.2			43-125	%REC	1	08-Jun-2016 03:04
Surr: 2-Fluorophenol	74.7			37-125	%REC	1	08-Jun-2016 03:04
Surr: 4-Terphenyl-d14	88.1			32-125	%REC	1	08-Jun-2016 03:04
Surr: Nitrobenzene-d5	80.9			37-125	%REC	1	08-Jun-2016 03:04
Surr: Phenol-d6	79.9			40-125	%REC	1	08-Jun-2016 03:04
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>				Analyst: DFF	
Percent Moisture	22.0		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-137  
 Collection Date: 20-May-2016 16:15

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-39  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
1,1,1-Trichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,1,2,2-Tetrachloroethane	U		0.00070	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,1,2-Trichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,1-Dichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,1-Dichloroethene	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,2,4-Trichlorobenzene	U		0.00096	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,2-Dibromo-3-chloropropane	U		0.0014	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,2-Dibromoethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,2-Dichlorobenzene	U		0.00087	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,2-Dichloroethane	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,2-Dichloropropane	U		0.00070	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,3-Dichlorobenzene	U		0.00096	0.0044	mg/Kg-dry	1	30-May-2016 16:59
1,4-Dichlorobenzene	U		0.00087	0.0044	mg/Kg-dry	1	30-May-2016 16:59
2-Butanone	U		0.0011	0.0087	mg/Kg-dry	1	30-May-2016 16:59
2-Hexanone	U		0.0012	0.0087	mg/Kg-dry	1	30-May-2016 16:59
4-Methyl-2-pentanone	U		0.0017	0.0087	mg/Kg-dry	1	30-May-2016 16:59
Acetone	U		0.0027	0.017	mg/Kg-dry	1	30-May-2016 16:59
Benzene	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Bromodichloromethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Bromoform	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Bromomethane	U		0.00087	0.0087	mg/Kg-dry	1	30-May-2016 16:59
Carbon disulfide	U		0.00052	0.0087	mg/Kg-dry	1	30-May-2016 16:59
Carbon tetrachloride	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Chlorobenzene	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Chloroethane	U		0.00070	0.0087	mg/Kg-dry	1	30-May-2016 16:59
Chloroform	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Chloromethane	U		0.00044	0.0087	mg/Kg-dry	1	30-May-2016 16:59
cis-1,2-Dichloroethene	U		0.00070	0.0044	mg/Kg-dry	1	30-May-2016 16:59
cis-1,3-Dichloropropene	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Cyclohexane	U		0.00087	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Dibromochloromethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Dichlorodifluoromethane	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Ethylbenzene	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Isopropylbenzene	U		0.00078	0.0044	mg/Kg-dry	1	30-May-2016 16:59
m,p-Xylene	U		0.0014	0.0087	mg/Kg-dry	1	30-May-2016 16:59
Methyl acetate	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Methyl tert-butyl ether	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Methylcyclohexane	U		0.0010	0.0044	mg/Kg-dry	1	30-May-2016 16:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-137  
 Collection Date: 20-May-2016 16:15

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-39  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride	U		0.00087	0.0087	mg/Kg-dry	1	30-May-2016 16:59
o-Xylene	U		0.00087	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Styrene	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Tetrachloroethene	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Toluene	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 16:59
trans-1,2-Dichloroethene	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
trans-1,3-Dichloropropene	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Trichloroethene	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Trichlorofluoromethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 16:59
Vinyl chloride	U		0.00070	0.0017	mg/Kg-dry	1	30-May-2016 16:59
Xylenes, Total	U		0.0021	0.0087	mg/Kg-dry	1	30-May-2016 16:59
Surr: 1,2-Dichloroethane-d4	103			70-128	%REC	1	30-May-2016 16:59
Surr: 4-Bromofluorobenzene	99.9			73-126	%REC	1	30-May-2016 16:59
Surr: Dibromofluoromethane	31.1	S		71-128	%REC	1	30-May-2016 16:59
Surr: Toluene-d8	101			73-127	%REC	1	30-May-2016 16:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-137  
 Collection Date: 20-May-2016 16:15

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-39  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0019	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2,4,5-Trichlorophenol	U		0.0027	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2,4,6-Trichlorophenol	U		0.0019	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2,4-Dichlorophenol	U		0.0014	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2,4-Dimethylphenol	U		0.0036	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2,4-Dinitrophenol	U		0.0049	0.014	mg/Kg-dry	1	08-Jun-2016 03:24
2,4-Dinitrotoluene	U		0.00099	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2,6-Dinitrotoluene	U		0.0036	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2-Chloronaphthalene	U		0.0014	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2-Chlorophenol	U		0.0014	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2-Methylnaphthalene	U		0.00055	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
2-Methylphenol	U		0.0012	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2-Nitroaniline	U		0.0021	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
2-Nitrophenol	U		0.0027	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
3&4-Methylphenol	U		0.0011	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
3,3'-Dichlorobenzidine	U		0.0027	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
3-Nitroaniline	U		0.0021	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
4,6-Dinitro-2-methylphenol	U		0.0023	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
4-Bromophenyl phenyl ether	U		0.0018	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
4-Chloro-3-methylphenol	U		0.00077	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
4-Chloroaniline	U		0.0012	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
4-Chlorophenyl phenyl ether	U		0.0016	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
4-Nitroaniline	U		0.0024	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
4-Nitrophenol	U		0.0021	0.014	mg/Kg-dry	1	08-Jun-2016 03:24
Acenaphthene	U		0.00055	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Acenaphthylene	U		0.0011	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Acetophenone	U		0.00088	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Anthracene	U		0.00055	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Atrazine	U		0.0022	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Benz(a)anthracene	U		0.0018	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Benzaldehyde	U		0.0013	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Benzo(a)pyrene	U		0.0011	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Benzo(b)fluoranthene	U		0.0013	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Benzo(g,h,i)perylene	U		0.00077	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Benzo(k)fluoranthene	U		0.00099	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Bis(2-chloroethoxy)methane	U		0.00099	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Bis(2-chloroethyl)ether	U		0.0012	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Bis(2-chloroisopropyl)ether	U		0.0015	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.010</b>		<b>0.0019</b>	<b>0.0072</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>08-Jun-2016 03:24</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-137  
 Collection Date: 20-May-2016 16:15

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-39  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0053	J	0.0014	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Caprolactam		U	0.0013	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Carbazole		U	0.0013	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Chrysene		U	0.00088	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Dibenz(a,h)anthracene		U	0.0018	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Dibenzofuran		U	0.00077	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Diethyl phthalate	0.0019	J	0.0011	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Dimethyl phthalate		U	0.00088	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Di-n-butyl phthalate	0.012		0.0013	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Di-n-octyl phthalate		U	0.00099	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Fluoranthene		U	0.0012	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Fluorene		U	0.0012	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Hexachlorobenzene		U	0.00099	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Hexachlorobutadiene		U	0.0013	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Hexachlorocyclopentadiene		U	0.00088	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Hexachloroethane		U	0.0016	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Indeno(1,2,3-cd)pyrene		U	0.00088	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Isophorone		U	0.00088	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Naphthalene		U	0.00066	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Nitrobenzene		U	0.00099	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
N-Nitrosodi-n-propylamine		U	0.0012	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
N-Nitrosodiphenylamine		U	0.00077	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Pentachlorophenol		U	0.0036	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Phenanthrene		U	0.0016	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Phenol		U	0.0012	0.0072	mg/Kg-dry	1	08-Jun-2016 03:24
Pyrene		U	0.00066	0.0036	mg/Kg-dry	1	08-Jun-2016 03:24
Surr: 2,4,6-Tribromophenol	79.2			36-126	%REC	1	08-Jun-2016 03:24
Surr: 2-Fluorobiphenyl	66.8			43-125	%REC	1	08-Jun-2016 03:24
Surr: 2-Fluorophenol	72.5			37-125	%REC	1	08-Jun-2016 03:24
Surr: 4-Terphenyl-d14	80.8			32-125	%REC	1	08-Jun-2016 03:24
Surr: Nitrobenzene-d5	82.6			37-125	%REC	1	08-Jun-2016 03:24
Surr: Phenol-d6	70.7			40-125	%REC	1	08-Jun-2016 03:24
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	9.26		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-138  
 Collection Date: 21-May-2016 15:50

**ANALYTICAL REPORT**

WorkOrder:HS16051317  
 Lab ID:HS16051317-40  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0051	0.020	mg/Kg-dry	1	30-May-2016 03:57
Aroclor 1221	U		0.0068	0.020	mg/Kg-dry	1	30-May-2016 03:57
Aroclor 1232	U		0.0054	0.020	mg/Kg-dry	1	30-May-2016 03:57
Aroclor 1242	U		0.0071	0.020	mg/Kg-dry	1	30-May-2016 03:57
Aroclor 1248	U		0.0071	0.020	mg/Kg-dry	1	30-May-2016 03:57
Aroclor 1254	U		0.0057	0.020	mg/Kg-dry	1	30-May-2016 03:57
<b>Aroclor 1260</b>	<b>0.020</b>	J	<b>0.0029</b>	<b>0.020</b>	<b>mg/Kg-dry</b>	1	30-May-2016 03:57
<i>Surr: Decachlorobiphenyl</i>	87.5			54-143	%REC	1	30-May-2016 03:57
<i>Surr: Tetrachloro-m-xylene</i>	72.4			50-140	%REC	1	30-May-2016 03:57
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
<b>Percent Moisture</b>	<b>17.6</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-139  
 Collection Date: 21-May-2016 11:10

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-41  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>		Prep:SW3546/3665A / 27-May-2016		Analyst: STH	
Aroclor 1016	U		0.0045	0.018	mg/Kg-dry	1	30-May-2016 04:14
Aroclor 1221	U		0.0061	0.018	mg/Kg-dry	1	30-May-2016 04:14
Aroclor 1232	U		0.0049	0.018	mg/Kg-dry	1	30-May-2016 04:14
Aroclor 1242	U		0.0064	0.018	mg/Kg-dry	1	30-May-2016 04:14
Aroclor 1248	U		0.0064	0.018	mg/Kg-dry	1	30-May-2016 04:14
Aroclor 1254	U		0.0051	0.018	mg/Kg-dry	1	30-May-2016 04:14
<b>Aroclor 1260</b>	<b>0.021</b>		<b>0.0026</b>	<b>0.018</b>	<b>mg/Kg-dry</b>	<b>1</b>	30-May-2016 04:14
<i>Surr: Decachlorobiphenyl</i>	<i>72.1</i>			<i>54-143</i>	<i>%REC</i>	<i>1</i>	<i>30-May-2016 04:14</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>64.1</i>			<i>50-140</i>	<i>%REC</i>	<i>1</i>	<i>30-May-2016 04:14</i>
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>				Analyst: DFF	
<b>Percent Moisture</b>	<b>7.90</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	<b>1</b>	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-140  
 Collection Date: 21-May-2016 11:20

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-42  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0050	0.020	mg/Kg-dry	1	30-May-2016 04:30
Aroclor 1221	U		0.0067	0.020	mg/Kg-dry	1	30-May-2016 04:30
Aroclor 1232	U		0.0054	0.020	mg/Kg-dry	1	30-May-2016 04:30
Aroclor 1242	U		0.0071	0.020	mg/Kg-dry	1	30-May-2016 04:30
Aroclor 1248	U		0.0071	0.020	mg/Kg-dry	1	30-May-2016 04:30
Aroclor 1254	U		0.0056	0.020	mg/Kg-dry	1	30-May-2016 04:30
Aroclor 1260	U		0.0029	0.020	mg/Kg-dry	1	30-May-2016 04:30
Surr: Decachlorobiphenyl	73.8			54-143	%REC	1	30-May-2016 04:30
Surr: Tetrachloro-m-xylene	59.3			50-140	%REC	1	30-May-2016 04:30
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	17.0		0.0100	0.0100	wt%	1	25-May-2016 10:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-141  
 Collection Date: 21-May-2016 12:10

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-43  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0053	0.021	mg/Kg-dry	1	30-May-2016 04:46
Aroclor 1221	U		0.0070	0.021	mg/Kg-dry	1	30-May-2016 04:46
Aroclor 1232	U		0.0056	0.021	mg/Kg-dry	1	30-May-2016 04:46
Aroclor 1242	U		0.0074	0.021	mg/Kg-dry	1	30-May-2016 04:46
Aroclor 1248	U		0.0074	0.021	mg/Kg-dry	1	30-May-2016 04:46
Aroclor 1254	U		0.0059	0.021	mg/Kg-dry	1	30-May-2016 04:46
Aroclor 1260	U		0.0030	0.021	mg/Kg-dry	1	30-May-2016 04:46
<i>Surr: Decachlorobiphenyl</i>	68.1			54-143	%REC	1	30-May-2016 04:46
<i>Surr: Tetrachloro-m-xylene</i>	56.5			50-140	%REC	1	30-May-2016 04:46
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	20.4		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-142  
 Collection Date: 21-May-2016 12:10

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-44  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0053	0.021	mg/Kg-dry	1	30-May-2016 05:02
Aroclor 1221	U		0.0071	0.021	mg/Kg-dry	1	30-May-2016 05:02
Aroclor 1232	U		0.0057	0.021	mg/Kg-dry	1	30-May-2016 05:02
Aroclor 1242	U		0.0075	0.021	mg/Kg-dry	1	30-May-2016 05:02
Aroclor 1248	U		0.0075	0.021	mg/Kg-dry	1	30-May-2016 05:02
Aroclor 1254	U		0.0060	0.021	mg/Kg-dry	1	30-May-2016 05:02
Aroclor 1260	U		0.0031	0.021	mg/Kg-dry	1	30-May-2016 05:02
<i>Surr: Decachlorobiphenyl</i>	76.2			54-143	%REC	1	30-May-2016 05:02
<i>Surr: Tetrachloro-m-xylene</i>	70.4			50-140	%REC	1	30-May-2016 05:02
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	21.8		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-143  
 Collection Date: 21-May-2016 12:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-45  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0051	0.020	mg/Kg-dry	1	30-May-2016 05:35
Aroclor 1221	U		0.0067	0.020	mg/Kg-dry	1	30-May-2016 05:35
Aroclor 1232	U		0.0054	0.020	mg/Kg-dry	1	30-May-2016 05:35
Aroclor 1242	U		0.0071	0.020	mg/Kg-dry	1	30-May-2016 05:35
Aroclor 1248	U		0.0071	0.020	mg/Kg-dry	1	30-May-2016 05:35
Aroclor 1254	U		0.0057	0.020	mg/Kg-dry	1	30-May-2016 05:35
Aroclor 1260	U		0.0029	0.020	mg/Kg-dry	1	30-May-2016 05:35
Surr: Decachlorobiphenyl	70.5			54-143	%REC	1	30-May-2016 05:35
Surr: Tetrachloro-m-xylene	73.5			50-140	%REC	1	30-May-2016 05:35
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	16.9		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-144  
 Collection Date: 21-May-2016 14:50

**ANALYTICAL REPORT**

WorkOrder:HS16051317  
 Lab ID:HS16051317-46  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016		Analyst: STH
Aroclor 1016	U		0.0050	0.020	mg/Kg-dry	1	30-May-2016 05:51
Aroclor 1221	U		0.0067	0.020	mg/Kg-dry	1	30-May-2016 05:51
Aroclor 1232	U		0.0054	0.020	mg/Kg-dry	1	30-May-2016 05:51
Aroclor 1242	U		0.0070	0.020	mg/Kg-dry	1	30-May-2016 05:51
Aroclor 1248	U		0.0070	0.020	mg/Kg-dry	1	30-May-2016 05:51
Aroclor 1254	U		0.0056	0.020	mg/Kg-dry	1	30-May-2016 05:51
<b>Aroclor 1260</b>	<b>0.024</b>	<b>P</b>	<b>0.0029</b>	<b>0.020</b>	<b>mg/Kg-dry</b>	<b>1</b>	30-May-2016 05:51
<i>Surr: Decachlorobiphenyl</i>	91.5			54-143	%REC	1	30-May-2016 05:51
<i>Surr: Tetrachloro-m-xylene</i>	74.6			50-140	%REC	1	30-May-2016 05:51
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>16.3</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	<b>1</b>	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-145  
 Collection Date: 21-May-2016 15:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-47  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0047	0.019	mg/Kg-dry	1	30-May-2016 00:26
Aroclor 1221	U		0.0063	0.019	mg/Kg-dry	1	30-May-2016 00:26
Aroclor 1232	U		0.0051	0.019	mg/Kg-dry	1	30-May-2016 00:26
Aroclor 1242	U		0.0066	0.019	mg/Kg-dry	1	30-May-2016 00:26
Aroclor 1248	U		0.0066	0.019	mg/Kg-dry	1	30-May-2016 00:26
Aroclor 1254	U		0.0053	0.019	mg/Kg-dry	1	30-May-2016 00:26
Aroclor 1260	U		0.0027	0.019	mg/Kg-dry	1	30-May-2016 00:26
Surr: Decachlorobiphenyl	93.8			54-143	%REC	1	30-May-2016 00:26
Surr: Tetrachloro-m-xylene	74.4			50-140	%REC	1	30-May-2016 00:26
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	11.3		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-146  
 Collection Date: 21-May-2016 15:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-48  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,1,2,2-Tetrachloroethane	U		0.00078	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,1,2-Trichloroethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,1-Dichloroethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,1-Dichloroethene	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,2,4-Trichlorobenzene	U		0.0011	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,2-Dibromo-3-chloropropane	U		0.0016	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,2-Dibromoethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,2-Dichlorobenzene	U		0.00097	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,2-Dichloroethane	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,2-Dichloropropane	U		0.00078	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,3-Dichlorobenzene	U		0.0011	0.0049	mg/Kg-dry	1	30-May-2016 17:22
1,4-Dichlorobenzene	U		0.00097	0.0049	mg/Kg-dry	1	30-May-2016 17:22
2-Butanone	U		0.0013	0.0097	mg/Kg-dry	1	30-May-2016 17:22
2-Hexanone	U		0.0014	0.0097	mg/Kg-dry	1	30-May-2016 17:22
4-Methyl-2-pentanone	U		0.0019	0.0097	mg/Kg-dry	1	30-May-2016 17:22
Acetone	U		0.0030	0.019	mg/Kg-dry	1	30-May-2016 17:22
Benzene	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Bromodichloromethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Bromoform	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Bromomethane	U		0.00097	0.0097	mg/Kg-dry	1	30-May-2016 17:22
Carbon disulfide	U		0.00058	0.0097	mg/Kg-dry	1	30-May-2016 17:22
Carbon tetrachloride	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Chlorobenzene	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Chloroethane	U		0.00078	0.0097	mg/Kg-dry	1	30-May-2016 17:22
Chloroform	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Chloromethane	U		0.00049	0.0097	mg/Kg-dry	1	30-May-2016 17:22
cis-1,2-Dichloroethene	U		0.00078	0.0049	mg/Kg-dry	1	30-May-2016 17:22
cis-1,3-Dichloropropene	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Cyclohexane	U		0.00097	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Dibromochloromethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Dichlorodifluoromethane	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Ethylbenzene	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Isopropylbenzene	U		0.00087	0.0049	mg/Kg-dry	1	30-May-2016 17:22
m,p-Xylene	U		0.0016	0.0097	mg/Kg-dry	1	30-May-2016 17:22
Methyl acetate	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Methyl tert-butyl ether	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Methylcyclohexane	U		0.0012	0.0049	mg/Kg-dry	1	30-May-2016 17:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-146  
 Collection Date: 21-May-2016 15:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-48  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
Methylene chloride	U		0.00097	0.0097	mg/Kg-dry	1	30-May-2016 17:22
o-Xylene	U		0.00097	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Styrene	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Tetrachloroethene	U		0.00068	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Toluene	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 17:22
trans-1,2-Dichloroethene	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
trans-1,3-Dichloropropene	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Trichloroethene	U		0.00058	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Trichlorofluoromethane	U		0.00049	0.0049	mg/Kg-dry	1	30-May-2016 17:22
Vinyl chloride	U		0.00078	0.0019	mg/Kg-dry	1	30-May-2016 17:22
Xylenes, Total	U		0.0023	0.0097	mg/Kg-dry	1	30-May-2016 17:22
Surr: 1,2-Dichloroethane-d4	106			70-128	%REC	1	30-May-2016 17:22
Surr: 4-Bromofluorobenzene	100			73-126	%REC	1	30-May-2016 17:22
Surr: Dibromofluoromethane	41.1	S		71-128	%REC	1	30-May-2016 17:22
Surr: Toluene-d8	99.7			73-127	%REC	1	30-May-2016 17:22
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>		Analyst: DFF			
Percent Moisture	18.6		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-147  
 Collection Date: 21-May-2016 16:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-49  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,1,2,2-Tetrachloroethane	U		0.00073	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00064	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,1,2-Trichloroethane	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,1-Dichloroethane	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,1-Dichloroethene	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,2,4-Trichlorobenzene	U		0.0010	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,2-Dibromo-3-chloropropane	U		0.0015	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,2-Dibromoethane	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,2-Dichlorobenzene	U		0.00092	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,2-Dichloroethane	U		0.00055	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,2-Dichloropropane	U		0.00073	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,3-Dichlorobenzene	U		0.0010	0.0046	mg/Kg-dry	1	30-May-2016 17:45
1,4-Dichlorobenzene	U		0.00092	0.0046	mg/Kg-dry	1	30-May-2016 17:45
2-Butanone	U		0.0012	0.0092	mg/Kg-dry	1	30-May-2016 17:45
2-Hexanone	U		0.0013	0.0092	mg/Kg-dry	1	30-May-2016 17:45
4-Methyl-2-pentanone	U		0.0018	0.0092	mg/Kg-dry	1	30-May-2016 17:45
Acetone	U		0.0028	0.018	mg/Kg-dry	1	30-May-2016 17:45
Benzene	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Bromodichloromethane	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Bromoform	U		0.00055	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Bromomethane	U		0.00092	0.0092	mg/Kg-dry	1	30-May-2016 17:45
Carbon disulfide	U		0.00055	0.0092	mg/Kg-dry	1	30-May-2016 17:45
Carbon tetrachloride	U		0.00055	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Chlorobenzene	U		0.00055	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Chloroethane	U		0.00073	0.0092	mg/Kg-dry	1	30-May-2016 17:45
Chloroform	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Chloromethane	U		0.00046	0.0092	mg/Kg-dry	1	30-May-2016 17:45
cis-1,2-Dichloroethene	U		0.00073	0.0046	mg/Kg-dry	1	30-May-2016 17:45
cis-1,3-Dichloropropene	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Cyclohexane	U		0.00092	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Dibromochloromethane	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Dichlorodifluoromethane	U		0.00064	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Ethylbenzene	U		0.00064	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Isopropylbenzene	U		0.00082	0.0046	mg/Kg-dry	1	30-May-2016 17:45
m,p-Xylene	U		0.0015	0.0092	mg/Kg-dry	1	30-May-2016 17:45
Methyl acetate	U		0.00064	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Methyl tert-butyl ether	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Methylcyclohexane	U		0.0011	0.0046	mg/Kg-dry	1	30-May-2016 17:45

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-147  
 Collection Date: 21-May-2016 16:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-49  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR		
Methylene chloride	U		0.00092	0.0092	mg/Kg-dry	1	30-May-2016 17:45
o-Xylene	U		0.00092	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Styrene	U		0.00064	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Tetrachloroethene	U		0.00064	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Toluene	U		0.00055	0.0046	mg/Kg-dry	1	30-May-2016 17:45
trans-1,2-Dichloroethene	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
trans-1,3-Dichloropropene	U		0.00055	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Trichloroethene	U		0.00055	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Trichlorofluoromethane	U		0.00046	0.0046	mg/Kg-dry	1	30-May-2016 17:45
Vinyl chloride	U		0.00073	0.0018	mg/Kg-dry	1	30-May-2016 17:45
Xylenes, Total	U		0.0022	0.0092	mg/Kg-dry	1	30-May-2016 17:45
Surr: 1,2-Dichloroethane-d4	97.4			70-128	%REC	1	30-May-2016 17:45
Surr: 4-Bromofluorobenzene	95.2			73-126	%REC	1	30-May-2016 17:45
Surr: Dibromofluoromethane	32.8	S		71-128	%REC	1	30-May-2016 17:45
Surr: Toluene-d8	96.4			73-127	%REC	1	30-May-2016 17:45

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-147  
 Collection Date: 21-May-2016 16:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-49  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>		Prep:SW3541 / 31-May-2016		Analyst: LG	
1,1'-Biphenyl	U		0.0021	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2,4,5-Trichlorophenol	U		0.0031	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2,4,6-Trichlorophenol	U		0.0021	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2,4-Dichlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2,4-Dimethylphenol	U		0.0041	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2,4-Dinitrophenol	U		0.0055	0.016	mg/Kg-dry	1	08-Jun-2016 03:43
2,4-Dinitrotoluene	U		0.0011	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2,6-Dinitrotoluene	U		0.0041	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2-Chloronaphthalene	U		0.0016	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2-Chlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2-Methylnaphthalene	U		0.00062	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
2-Methylphenol	U		0.0014	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
2-Nitrophenol	U		0.0031	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
3&4-Methylphenol	U		0.0012	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
3,3'-Dichlorobenzidine	U		0.0031	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
3-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
4,6-Dinitro-2-methylphenol	U		0.0026	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
4-Bromophenyl phenyl ether	U		0.0020	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
4-Chloro-3-methylphenol	U		0.00086	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
4-Chloroaniline	U		0.0014	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
4-Chlorophenyl phenyl ether	U		0.0018	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
4-Nitroaniline	U		0.0027	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	08-Jun-2016 03:43
Acenaphthene	U		0.00062	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Acenaphthylene	U		0.0012	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Acetophenone	U		0.00098	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Anthracene	U		0.00062	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Atrazine	U		0.0025	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Benz(a)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Benzaldehyde	U		0.0015	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Benzo(a)pyrene	U		0.0012	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Benzo(b)fluoranthene	U		0.0015	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Benzo(g,h,i)perylene	U		0.00086	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Benzo(k)fluoranthene	U		0.0011	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Bis(2-chloroethoxy)methane	U		0.0011	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Bis(2-chloroethyl)ether	U		0.0014	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Bis(2-chloroisopropyl)ether	U		0.0017	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
<b>Bis(2-ethylhexyl)phthalate</b>		<b>0.0094</b>	<b>0.0021</b>	<b>0.0081</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>08-Jun-2016 03:43</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-147  
 Collection Date: 21-May-2016 16:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-49  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>		Prep:SW3541 / 31-May-2016		Analyst: LG	
Butyl benzyl phthalate	0.0026	J	0.0016	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Caprolactam	0.011		0.0015	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Carbazole	U		0.0015	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Chrysene	U		0.00098	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Dibenz(a,h)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Dibenzofuran	U		0.00086	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Diethyl phthalate	0.0023	J	0.0012	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Dimethyl phthalate	U		0.00098	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Di-n-butyl phthalate	0.012		0.0015	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Di-n-octyl phthalate	U		0.0011	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Fluoranthene	U		0.0014	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Fluorene	U		0.0014	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Hexachlorobenzene	U		0.0011	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Hexachlorobutadiene	U		0.0015	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Hexachlorocyclopentadiene	U		0.00098	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Hexachloroethane	U		0.0018	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Indeno(1,2,3-cd)pyrene	U		0.00098	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Isophorone	U		0.00098	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Naphthalene	U		0.00074	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Nitrobenzene	U		0.0011	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
N-Nitrosodi-n-propylamine	U		0.0014	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
N-Nitrosodiphenylamine	U		0.00086	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Pentachlorophenol	U		0.0041	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Phenanthrene	U		0.0018	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Phenol	U		0.0014	0.0081	mg/Kg-dry	1	08-Jun-2016 03:43
Pyrene	U		0.00074	0.0041	mg/Kg-dry	1	08-Jun-2016 03:43
Surr: 2,4,6-Tribromophenol	84.4			36-126	%REC	1	08-Jun-2016 03:43
Surr: 2-Fluorobiphenyl	64.1			43-125	%REC	1	08-Jun-2016 03:43
Surr: 2-Fluorophenol	80.8			37-125	%REC	1	08-Jun-2016 03:43
Surr: 4-Terphenyl-d14	89.0			32-125	%REC	1	08-Jun-2016 03:43
Surr: Nitrobenzene-d5	84.4			37-125	%REC	1	08-Jun-2016 03:43
Surr: Phenol-d6	72.6			40-125	%REC	1	08-Jun-2016 03:43
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>				Analyst: DFF	
Percent Moisture	19.2		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-148  
 Collection Date: 21-May-2016 16:07

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-50  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: WLR			
1,1,1-Trichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,1,2,2-Tetrachloroethane	U		0.00070	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,1,2-Trichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,1-Dichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,1-Dichloroethene	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,2,4-Trichlorobenzene	U		0.00096	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,2-Dibromo-3-chloropropane	U		0.0014	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,2-Dibromoethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,2-Dichlorobenzene	U		0.00087	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,2-Dichloroethane	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,2-Dichloropropane	U		0.00070	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,3-Dichlorobenzene	U		0.00096	0.0044	mg/Kg-dry	1	30-May-2016 18:09
1,4-Dichlorobenzene	U		0.00087	0.0044	mg/Kg-dry	1	30-May-2016 18:09
2-Butanone	U		0.0011	0.0087	mg/Kg-dry	1	30-May-2016 18:09
2-Hexanone	U		0.0012	0.0087	mg/Kg-dry	1	30-May-2016 18:09
4-Methyl-2-pentanone	U		0.0017	0.0087	mg/Kg-dry	1	30-May-2016 18:09
Acetone	U		0.0027	0.017	mg/Kg-dry	1	30-May-2016 18:09
Benzene	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Bromodichloromethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Bromoform	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Bromomethane	U		0.00087	0.0087	mg/Kg-dry	1	30-May-2016 18:09
Carbon disulfide	U		0.00052	0.0087	mg/Kg-dry	1	30-May-2016 18:09
Carbon tetrachloride	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Chlorobenzene	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Chloroethane	U		0.00070	0.0087	mg/Kg-dry	1	30-May-2016 18:09
Chloroform	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Chloromethane	U		0.00044	0.0087	mg/Kg-dry	1	30-May-2016 18:09
cis-1,2-Dichloroethene	U		0.00070	0.0044	mg/Kg-dry	1	30-May-2016 18:09
cis-1,3-Dichloropropene	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Cyclohexane	U		0.00087	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Dibromochloromethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Dichlorodifluoromethane	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Ethylbenzene	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Isopropylbenzene	U		0.00078	0.0044	mg/Kg-dry	1	30-May-2016 18:09
m,p-Xylene	U		0.0014	0.0087	mg/Kg-dry	1	30-May-2016 18:09
Methyl acetate	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Methyl tert-butyl ether	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09
Methylcyclohexane	U		0.0010	0.0044	mg/Kg-dry	1	30-May-2016 18:09

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-148  
 Collection Date: 21-May-2016 16:07

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-50  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR			
Methylene chloride	U		0.00087	0.0087	mg/Kg-dry	1	30-May-2016 18:09	
o-Xylene	U		0.00087	0.0044	mg/Kg-dry	1	30-May-2016 18:09	
Styrene	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 18:09	
Tetrachloroethene	U		0.00061	0.0044	mg/Kg-dry	1	30-May-2016 18:09	
Toluene	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 18:09	
trans-1,2-Dichloroethene	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09	
trans-1,3-Dichloropropene	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 18:09	
Trichloroethene	U		0.00052	0.0044	mg/Kg-dry	1	30-May-2016 18:09	
Trichlorofluoromethane	U		0.00044	0.0044	mg/Kg-dry	1	30-May-2016 18:09	
Vinyl chloride	U		0.00070	0.0017	mg/Kg-dry	1	30-May-2016 18:09	
Xylenes, Total	U		0.0021	0.0087	mg/Kg-dry	1	30-May-2016 18:09	
Surr: 1,2-Dichloroethane-d4	100			70-128	%REC	1	30-May-2016 18:09	
Surr: 4-Bromofluorobenzene	98.0			73-126	%REC	1	30-May-2016 18:09	
Surr: Dibromofluoromethane	37.6	S		71-128	%REC	1	30-May-2016 18:09	
Surr: Toluene-d8	100			73-127	%REC	1	30-May-2016 18:09	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-148  
 Collection Date: 21-May-2016 16:07

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-50  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0019	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2,4,5-Trichlorophenol	U		0.0028	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2,4,6-Trichlorophenol	U		0.0019	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2,4-Dichlorophenol	U		0.0015	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2,4-Dimethylphenol	U		0.0037	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2,4-Dinitrophenol	U		0.0051	0.015	mg/Kg-dry	1	08-Jun-2016 04:03
2,4-Dinitrotoluene	U		0.0010	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2,6-Dinitrotoluene	U		0.0037	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2-Chloronaphthalene	U		0.0015	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2-Chlorophenol	U		0.0015	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2-Methylnaphthalene	U		0.00056	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
2-Methylphenol	U		0.0012	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2-Nitroaniline	U		0.0021	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
2-Nitrophenol	U		0.0028	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
3&4-Methylphenol	U		0.0011	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
3,3'-Dichlorobenzidine	U		0.0028	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
3-Nitroaniline	U		0.0021	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
4,6-Dinitro-2-methylphenol	U		0.0024	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
4-Bromophenyl phenyl ether	U		0.0018	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
4-Chloro-3-methylphenol	U		0.00079	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
4-Chloroaniline	U		0.0012	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
4-Chlorophenyl phenyl ether	U		0.0017	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
4-Nitroaniline	U		0.0025	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
4-Nitrophenol	U		0.0021	0.015	mg/Kg-dry	1	08-Jun-2016 04:03
Acenaphthene	U		0.00056	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Acenaphthylene	U		0.0011	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Acetophenone	U		0.00090	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Anthracene	U		0.00056	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Atrazine	U		0.0023	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Benz(a)anthracene	U		0.0018	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Benzaldehyde	U		0.0014	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Benzo(a)pyrene	U		0.0011	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Benzo(b)fluoranthene	U		0.0014	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Benzo(g,h,i)perylene	U		0.00079	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Benzo(k)fluoranthene	U		0.0010	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Bis(2-chloroethoxy)methane	U		0.0010	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Bis(2-chloroethyl)ether	U		0.0012	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Bis(2-chloroisopropyl)ether	U		0.0016	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.011</b>		<b>0.0019</b>	<b>0.0074</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>08-Jun-2016 04:03</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-148  
 Collection Date: 21-May-2016 16:07

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-50  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0067	J	0.0015	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Caprolactam	0.018		0.0014	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Carbazole	U		0.0014	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Chrysene	U		0.00090	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Dibenz(a,h)anthracene	U		0.0018	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Dibenzofuran	U		0.00079	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Diethyl phthalate	0.0026	J	0.0011	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Dimethyl phthalate	U		0.00090	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Di-n-butyl phthalate	0.012		0.0014	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Di-n-octyl phthalate	U		0.0010	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Fluoranthene	U		0.0012	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Fluorene	U		0.0012	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Hexachlorobenzene	U		0.0010	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Hexachlorobutadiene	U		0.0014	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Hexachlorocyclopentadiene	U		0.00090	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Hexachloroethane	U		0.0017	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Indeno(1,2,3-cd)pyrene	U		0.00090	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Isophorone	U		0.00090	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Naphthalene	U		0.00068	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Nitrobenzene	U		0.0010	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
N-Nitrosodi-n-propylamine	U		0.0012	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
N-Nitrosodiphenylamine	U		0.00079	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Pentachlorophenol	U		0.0037	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Phenanthrene	U		0.0017	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Phenol	U		0.0012	0.0074	mg/Kg-dry	1	08-Jun-2016 04:03
Pyrene	U		0.00068	0.0037	mg/Kg-dry	1	08-Jun-2016 04:03
Surr: 2,4,6-Tribromophenol	83.4			36-126	%REC	1	08-Jun-2016 04:03
Surr: 2-Fluorobiphenyl	66.1			43-125	%REC	1	08-Jun-2016 04:03
Surr: 2-Fluorophenol	68.8			37-125	%REC	1	08-Jun-2016 04:03
Surr: 4-Terphenyl-d14	90.1			32-125	%REC	1	08-Jun-2016 04:03
Surr: Nitrobenzene-d5	67.9			37-125	%REC	1	08-Jun-2016 04:03
Surr: Phenol-d6	70.7			40-125	%REC	1	08-Jun-2016 04:03
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	11.6		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-149  
 Collection Date: 21-May-2016 16:07

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-51  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: WLR
1,1,1-Trichloroethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,1,2,2-Tetrachloroethane	U		0.00072	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00063	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,1,2-Trichloroethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,1-Dichloroethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,1-Dichloroethene	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,2,4-Trichlorobenzene	U		0.00099	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,2-Dibromo-3-chloropropane	U		0.0014	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,2-Dibromoethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,2-Dichlorobenzene	U		0.00090	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,2-Dichloroethane	U		0.00054	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,2-Dichloropropane	U		0.00072	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,3-Dichlorobenzene	U		0.00099	0.0045	mg/Kg-dry	1	30-May-2016 18:32
1,4-Dichlorobenzene	U		0.00090	0.0045	mg/Kg-dry	1	30-May-2016 18:32
2-Butanone	U		0.0012	0.0090	mg/Kg-dry	1	30-May-2016 18:32
2-Hexanone	U		0.0013	0.0090	mg/Kg-dry	1	30-May-2016 18:32
4-Methyl-2-pentanone	U		0.0018	0.0090	mg/Kg-dry	1	30-May-2016 18:32
Acetone	U		0.0028	0.018	mg/Kg-dry	1	30-May-2016 18:32
Benzene	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Bromodichloromethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Bromoform	U		0.00054	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Bromomethane	U		0.00090	0.0090	mg/Kg-dry	1	30-May-2016 18:32
Carbon disulfide	U		0.00054	0.0090	mg/Kg-dry	1	30-May-2016 18:32
Carbon tetrachloride	U		0.00054	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Chlorobenzene	U		0.00054	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Chloroethane	U		0.00072	0.0090	mg/Kg-dry	1	30-May-2016 18:32
Chloroform	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Chloromethane	U		0.00045	0.0090	mg/Kg-dry	1	30-May-2016 18:32
cis-1,2-Dichloroethene	U		0.00072	0.0045	mg/Kg-dry	1	30-May-2016 18:32
cis-1,3-Dichloropropene	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Cyclohexane	U		0.00090	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Dibromochloromethane	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Dichlorodifluoromethane	U		0.00063	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Ethylbenzene	U		0.00063	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Isopropylbenzene	U		0.00081	0.0045	mg/Kg-dry	1	30-May-2016 18:32
m,p-Xylene	U		0.0014	0.0090	mg/Kg-dry	1	30-May-2016 18:32
Methyl acetate	U		0.00063	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Methyl tert-butyl ether	U		0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32
Methylcyclohexane	U		0.0011	0.0045	mg/Kg-dry	1	30-May-2016 18:32

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-149  
 Collection Date: 21-May-2016 16:07

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-51  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
<b>VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>			Analyst: WLR			
Methylene chloride		U	0.00090	0.0090	mg/Kg-dry	1	30-May-2016 18:32	
o-Xylene		U	0.00090	0.0045	mg/Kg-dry	1	30-May-2016 18:32	
Styrene		U	0.00063	0.0045	mg/Kg-dry	1	30-May-2016 18:32	
Tetrachloroethene		U	0.00063	0.0045	mg/Kg-dry	1	30-May-2016 18:32	
Toluene		U	0.00054	0.0045	mg/Kg-dry	1	30-May-2016 18:32	
trans-1,2-Dichloroethene		U	0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32	
trans-1,3-Dichloropropene		U	0.00054	0.0045	mg/Kg-dry	1	30-May-2016 18:32	
Trichloroethene		U	0.00054	0.0045	mg/Kg-dry	1	30-May-2016 18:32	
Trichlorofluoromethane		U	0.00045	0.0045	mg/Kg-dry	1	30-May-2016 18:32	
Vinyl chloride		U	0.00072	0.0018	mg/Kg-dry	1	30-May-2016 18:32	
Xylenes, Total		U	0.0022	0.0090	mg/Kg-dry	1	30-May-2016 18:32	
Surr: 1,2-Dichloroethane-d4	98.4			70-128	%REC	1	30-May-2016 18:32	
Surr: 4-Bromofluorobenzene	95.9			73-126	%REC	1	30-May-2016 18:32	
Surr: Dibromofluoromethane	38.0	S		71-128	%REC	1	30-May-2016 18:32	
Surr: Toluene-d8	95.6			73-127	%REC	1	30-May-2016 18:32	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-149  
 Collection Date: 21-May-2016 16:07

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-51  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
1,1'-Biphenyl	U		0.0019	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2,4,5-Trichlorophenol	U		0.0028	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2,4,6-Trichlorophenol	U		0.0019	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2,4-Dichlorophenol	U		0.0015	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2,4-Dimethylphenol	U		0.0037	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2,4-Dinitrophenol	U		0.0051	0.015	mg/Kg-dry	1	08-Jun-2016 04:22
2,4-Dinitrotoluene	U		0.0010	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2,6-Dinitrotoluene	U		0.0037	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2-Chloronaphthalene	U		0.0015	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2-Chlorophenol	U		0.0015	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2-Methylnaphthalene	U		0.00057	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
2-Methylphenol	U		0.0012	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2-Nitroaniline	U		0.0022	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
2-Nitrophenol	U		0.0028	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
3&4-Methylphenol	U		0.0011	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
3,3'-Dichlorobenzidine	U		0.0028	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
3-Nitroaniline	U		0.0022	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
4,6-Dinitro-2-methylphenol	U		0.0024	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
4-Bromophenyl phenyl ether	U		0.0018	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
4-Chloro-3-methylphenol	U		0.00079	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
4-Chloroaniline	U		0.0012	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
4-Chlorophenyl phenyl ether	U		0.0017	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
4-Nitroaniline	U		0.0025	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
4-Nitrophenol	U		0.0022	0.015	mg/Kg-dry	1	08-Jun-2016 04:22
Acenaphthene	U		0.00057	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Acenaphthylene	U		0.0011	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Acetophenone	U		0.00091	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Anthracene	U		0.00057	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Atrazine	U		0.0023	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Benz(a)anthracene	U		0.0018	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Benzaldehyde	U		0.0014	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Benzo(a)pyrene	U		0.0011	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Benzo(b)fluoranthene	U		0.0014	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Benzo(g,h,i)perylene	U		0.00079	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Benzo(k)fluoranthene	U		0.0010	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Bis(2-chloroethoxy)methane	U		0.0010	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Bis(2-chloroethyl)ether	U		0.0012	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Bis(2-chloroisopropyl)ether	U		0.0016	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.0073</b>	<b>J</b>	<b>0.0019</b>	<b>0.0075</b>	<b>mg/Kg-dry</b>	<b>1</b>	<b>08-Jun-2016 04:22</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-149  
 Collection Date: 21-May-2016 16:07

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-51  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3541 / 31-May-2016		Analyst: LG
Butyl benzyl phthalate	0.0057	J	0.0015	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Caprolactam	0.0027	J	0.0014	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Carbazole	U		0.0014	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Chrysene	U		0.00091	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Dibenz(a,h)anthracene	U		0.0018	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Dibenzofuran	U		0.00079	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Diethyl phthalate	U		0.0011	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Dimethyl phthalate	U		0.00091	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Di-n-butyl phthalate	0.0078		0.0014	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Di-n-octyl phthalate	U		0.0010	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Fluoranthene	U		0.0012	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Fluorene	U		0.0012	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Hexachlorobenzene	U		0.0010	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Hexachlorobutadiene	U		0.0014	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Hexachlorocyclopentadiene	U		0.00091	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Hexachloroethane	U		0.0017	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Indeno(1,2,3-cd)pyrene	U		0.00091	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Isophorone	U		0.00091	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Naphthalene	U		0.00068	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Nitrobenzene	U		0.0010	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
N-Nitrosodi-n-propylamine	U		0.0012	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
N-Nitrosodiphenylamine	U		0.00079	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Pentachlorophenol	U		0.0037	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Phenanthrene	U		0.0017	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Phenol	U		0.0012	0.0075	mg/Kg-dry	1	08-Jun-2016 04:22
Pyrene	U		0.00068	0.0037	mg/Kg-dry	1	08-Jun-2016 04:22
Surr: 2,4,6-Tribromophenol	82.3			36-126	%REC	1	08-Jun-2016 04:22
Surr: 2-Fluorobiphenyl	65.9			43-125	%REC	1	08-Jun-2016 04:22
Surr: 2-Fluorophenol	63.2			37-125	%REC	1	08-Jun-2016 04:22
Surr: 4-Terphenyl-d14	87.7			32-125	%REC	1	08-Jun-2016 04:22
Surr: Nitrobenzene-d5	80.2			37-125	%REC	1	08-Jun-2016 04:22
Surr: Phenol-d6	70.5			40-125	%REC	1	08-Jun-2016 04:22
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	12.0		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: Trip blank-TSP-05/12/16-03  
 Collection Date: 18-May-2016 16:10

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-52  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: PC
1,1,1-Trichloroethane	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
1,1,2,2-Tetrachloroethane	U		0.00050	0.0010	mg/L	1	30-May-2016 16:02
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	0.0010	mg/L	1	30-May-2016 16:02
1,1,2-Trichloroethane	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
1,1-Dichloroethane	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
1,1-Dichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
1,2,4-Trichlorobenzene	U		0.00050	0.0010	mg/L	1	30-May-2016 16:02
1,2-Dibromo-3-chloropropane	U		0.0010	0.0010	mg/L	1	30-May-2016 16:02
1,2-Dibromoethane	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
1,2-Dichlorobenzene	U		0.00050	0.0010	mg/L	1	30-May-2016 16:02
1,2-Dichloroethane	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
1,2-Dichloropropane	U		0.00050	0.0010	mg/L	1	30-May-2016 16:02
1,3-Dichlorobenzene	U		0.00040	0.0010	mg/L	1	30-May-2016 16:02
1,4-Dichlorobenzene	U		0.00040	0.0010	mg/L	1	30-May-2016 16:02
2-Butanone	U		0.00050	0.0020	mg/L	1	30-May-2016 16:02
2-Hexanone	U		0.0010	0.0020	mg/L	1	30-May-2016 16:02
4-Methyl-2-pentanone	U		0.00070	0.0020	mg/L	1	30-May-2016 16:02
Acetone	U		0.0020	0.0020	mg/L	1	30-May-2016 16:02
Benzene	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
Bromodichloromethane	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
Bromoform	U		0.00040	0.0010	mg/L	1	30-May-2016 16:02
Bromomethane	U		0.00040	0.0010	mg/L	1	30-May-2016 16:02
Carbon disulfide	U		0.00060	0.0020	mg/L	1	30-May-2016 16:02
Carbon tetrachloride	U		0.00050	0.0010	mg/L	1	30-May-2016 16:02
Chlorobenzene	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Chloroethane	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Chloroform	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
Chloromethane	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
cis-1,2-Dichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
cis-1,3-Dichloropropene	U		0.00010	0.0010	mg/L	1	30-May-2016 16:02
Cyclohexane	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Dibromochloromethane	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Dichlorodifluoromethane	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Ethylbenzene	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Isopropylbenzene	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
m,p-Xylene	U		0.00050	0.0020	mg/L	1	30-May-2016 16:02
Methyl acetate	U		0.0010	0.0010	mg/L	1	30-May-2016 16:02
Methyl tert-butyl ether	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
Methylcyclohexane	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: Trip blank-TSP-05/12/16-03  
 Collection Date: 18-May-2016 16:10

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-52  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: PC
Methylene chloride	U		0.0010	0.0020	mg/L	1	30-May-2016 16:02
o-Xylene	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Styrene	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Tetrachloroethene	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Toluene	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
trans-1,2-Dichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
trans-1,3-Dichloropropene	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
Trichloroethene	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
Trichlorofluoromethane	U		0.00030	0.0010	mg/L	1	30-May-2016 16:02
Vinyl chloride	U		0.00020	0.0010	mg/L	1	30-May-2016 16:02
Xylenes, Total	U		0.00050	0.0030	mg/L	1	30-May-2016 16:02
Surr: 1,2-Dichloroethane-d4	98.3			71-125	%REC	1	30-May-2016 16:02
Surr: 4-Bromofluorobenzene	95.3			70-125	%REC	1	30-May-2016 16:02
Surr: Dibromofluoromethane	76.3			74-125	%REC	1	30-May-2016 16:02
Surr: Toluene-d8	98.2			75-125	%REC	1	30-May-2016 16:02

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-150  
 Collection Date: 22-May-2016 15:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-53  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016		U	0.0053	0.021	mg/Kg-dry	1	30-May-2016 00:10
Aroclor 1221		U	0.0071	0.021	mg/Kg-dry	1	30-May-2016 00:10
Aroclor 1232		U	0.0057	0.021	mg/Kg-dry	1	30-May-2016 00:10
Aroclor 1242		U	0.0075	0.021	mg/Kg-dry	1	30-May-2016 00:10
Aroclor 1248		U	0.0075	0.021	mg/Kg-dry	1	30-May-2016 00:10
Aroclor 1254		U	0.0060	0.021	mg/Kg-dry	1	30-May-2016 00:10
<b>Aroclor 1260</b>		<b>1.2</b>	<b>0.015</b>	<b>0.11</b>	<b>mg/Kg-dry</b>	<b>5</b>	<b>31-May-2016 16:27</b>
<i>Surr: Decachlorobiphenyl</i>	91.6	J		54-143	%REC	5	31-May-2016 16:27
<i>Surr: Decachlorobiphenyl</i>	102			54-143	%REC	1	30-May-2016 00:10
<i>Surr: Tetrachloro-m-xylene</i>	74.1			50-140	%REC	1	30-May-2016 00:10
<i>Surr: Tetrachloro-m-xylene</i>	85.4	J		50-140	%REC	5	31-May-2016 16:27
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
<b>Percent Moisture</b>	<b>21.4</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	<b>1</b>	<b>25-May-2016 10:16</b>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-151  
 Collection Date: 22-May-2016 12:25

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-54  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016		U	0.0051	0.020	mg/Kg-dry	1	29-May-2016 23:05
Aroclor 1221		U	0.0067	0.020	mg/Kg-dry	1	29-May-2016 23:05
Aroclor 1232		U	0.0054	0.020	mg/Kg-dry	1	29-May-2016 23:05
Aroclor 1242		U	0.0071	0.020	mg/Kg-dry	1	29-May-2016 23:05
Aroclor 1248		U	0.0071	0.020	mg/Kg-dry	1	29-May-2016 23:05
Aroclor 1254		U	0.0057	0.020	mg/Kg-dry	1	29-May-2016 23:05
<b>Aroclor 1260</b>	<b>0.045</b>		<b>0.0029</b>	<b>0.020</b>	<b>mg/Kg-dry</b>	<b>1</b>	29-May-2016 23:05
<i>Surr: Decachlorobiphenyl</i>	88.9			54-143	%REC	1	29-May-2016 23:05
<i>Surr: Tetrachloro-m-xylene</i>	68.7			50-140	%REC	1	29-May-2016 23:05
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
<b>Percent Moisture</b>	<b>17.3</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	<b>1</b>	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-152  
 Collection Date: 22-May-2016 12:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-55  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0052	0.021	mg/Kg-dry	1	29-May-2016 22:48
Aroclor 1221	U		0.0069	0.021	mg/Kg-dry	1	29-May-2016 22:48
Aroclor 1232	U		0.0056	0.021	mg/Kg-dry	1	29-May-2016 22:48
Aroclor 1242	U		0.0073	0.021	mg/Kg-dry	1	29-May-2016 22:48
Aroclor 1248	U		0.0073	0.021	mg/Kg-dry	1	29-May-2016 22:48
Aroclor 1254	U		0.0058	0.021	mg/Kg-dry	1	29-May-2016 22:48
Aroclor 1260	U		0.0030	0.021	mg/Kg-dry	1	29-May-2016 22:48
Surr: Decachlorobiphenyl	97.8			54-143	%REC	1	29-May-2016 22:48
Surr: Tetrachloro-m-xylene	81.2			50-140	%REC	1	29-May-2016 22:48
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	19.6		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-153  
 Collection Date: 22-May-2016 14:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-56  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0052	0.021	mg/Kg-dry	1	29-May-2016 18:45
Aroclor 1221	U		0.0069	0.021	mg/Kg-dry	1	29-May-2016 18:45
Aroclor 1232	U		0.0056	0.021	mg/Kg-dry	1	29-May-2016 18:45
Aroclor 1242	U		0.0073	0.021	mg/Kg-dry	1	29-May-2016 18:45
Aroclor 1248	U		0.0073	0.021	mg/Kg-dry	1	29-May-2016 18:45
Aroclor 1254	U		0.0058	0.021	mg/Kg-dry	1	29-May-2016 18:45
Aroclor 1260	U		0.0030	0.021	mg/Kg-dry	1	29-May-2016 18:45
<i>Surr: Decachlorobiphenyl</i>	87.6			54-143	%REC	1	29-May-2016 18:45
<i>Surr: Tetrachloro-m-xylene</i>	84.0			50-140	%REC	1	29-May-2016 18:45
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	19.3		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-154  
 Collection Date: 22-May-2016 14:45

**ANALYTICAL REPORT**

WorkOrder:HS16051317  
 Lab ID:HS16051317-57  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0050	0.020	mg/Kg-dry	1	29-May-2016 19:01
Aroclor 1221	U		0.0067	0.020	mg/Kg-dry	1	29-May-2016 19:01
Aroclor 1232	U		0.0054	0.020	mg/Kg-dry	1	29-May-2016 19:01
Aroclor 1242	U		0.0070	0.020	mg/Kg-dry	1	29-May-2016 19:01
Aroclor 1248	U		0.0070	0.020	mg/Kg-dry	1	29-May-2016 19:01
Aroclor 1254	U		0.0056	0.020	mg/Kg-dry	1	29-May-2016 19:01
Aroclor 1260	U		0.0029	0.020	mg/Kg-dry	1	29-May-2016 19:01
<i>Surr: Decachlorobiphenyl</i>	83.5			54-143	%REC	1	29-May-2016 19:01
<i>Surr: Tetrachloro-m-xylene</i>	58.6			50-140	%REC	1	29-May-2016 19:01
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	16.2		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-155  
 Collection Date: 22-May-2016 16:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-58  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0051	0.020	mg/Kg-dry	1	29-May-2016 19:17
Aroclor 1221	U		0.0068	0.020	mg/Kg-dry	1	29-May-2016 19:17
Aroclor 1232	U		0.0055	0.020	mg/Kg-dry	1	29-May-2016 19:17
Aroclor 1242	U		0.0072	0.020	mg/Kg-dry	1	29-May-2016 19:17
Aroclor 1248	U		0.0072	0.020	mg/Kg-dry	1	29-May-2016 19:17
Aroclor 1254	U		0.0057	0.020	mg/Kg-dry	1	29-May-2016 19:17
Aroclor 1260	U		0.0029	0.020	mg/Kg-dry	1	29-May-2016 19:17
Surr: Decachlorobiphenyl	80.3			54-143	%REC	1	29-May-2016 19:17
Surr: Tetrachloro-m-xylene	56.5			50-140	%REC	1	29-May-2016 19:17
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	18.0		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-156  
 Collection Date: 22-May-2016 16:45

**ANALYTICAL REPORT**

WorkOrder:HS16051317  
 Lab ID:HS16051317-59  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>		Prep:SW3546/3665A / 27-May-2016		Analyst: STH	
Aroclor 1016	U		0.0051	0.020	mg/Kg-dry	1	29-May-2016 19:33
Aroclor 1221	U		0.0068	0.020	mg/Kg-dry	1	29-May-2016 19:33
Aroclor 1232	U		0.0055	0.020	mg/Kg-dry	1	29-May-2016 19:33
Aroclor 1242	U		0.0071	0.020	mg/Kg-dry	1	29-May-2016 19:33
Aroclor 1248	U		0.0071	0.020	mg/Kg-dry	1	29-May-2016 19:33
Aroclor 1254	U		0.0057	0.020	mg/Kg-dry	1	29-May-2016 19:33
Aroclor 1260	U		0.0029	0.020	mg/Kg-dry	1	29-May-2016 19:33
Surr: Decachlorobiphenyl	101			54-143	%REC	1	29-May-2016 19:33
Surr: Tetrachloro-m-xylene	69.7			50-140	%REC	1	29-May-2016 19:33
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>				Analyst: DFF	
Percent Moisture	17.7		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTS-157  
 Collection Date: 22-May-2016 16:50

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-60  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 27-May-2016 Analyst: STH		
Aroclor 1016	U		0.0050	0.020	mg/Kg-dry	1	29-May-2016 21:27
Aroclor 1221	U		0.0066	0.020	mg/Kg-dry	1	29-May-2016 21:27
Aroclor 1232	U		0.0053	0.020	mg/Kg-dry	1	29-May-2016 21:27
Aroclor 1242	U		0.0070	0.020	mg/Kg-dry	1	29-May-2016 21:27
Aroclor 1248	U		0.0070	0.020	mg/Kg-dry	1	29-May-2016 21:27
Aroclor 1254	U		0.0056	0.020	mg/Kg-dry	1	29-May-2016 21:27
Aroclor 1260	U		0.0028	0.020	mg/Kg-dry	1	29-May-2016 21:27
Surr: Decachlorobiphenyl	86.2			54-143	%REC	1	29-May-2016 21:27
Surr: Tetrachloro-m-xylene	59.9			50-140	%REC	1	29-May-2016 21:27
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>			Analyst: DFF		
Percent Moisture	16.0		0.0100	0.0100	wt%	1	25-May-2016 10:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: Trip Blank-TSP-5/12/16-04  
 Collection Date: 18-May-2016 12:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-61  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: AKP
1,1,1-Trichloroethane	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
1,1,2,2-Tetrachloroethane	U		0.00050	0.0010	mg/L	1	31-May-2016 12:55
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	0.0010	mg/L	1	31-May-2016 12:55
1,1,2-Trichloroethane	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
1,1-Dichloroethane	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
1,1-Dichloroethene	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
1,2,4-Trichlorobenzene	U		0.00050	0.0010	mg/L	1	31-May-2016 12:55
1,2-Dibromo-3-chloropropane	U		0.0010	0.0010	mg/L	1	31-May-2016 12:55
1,2-Dibromoethane	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
1,2-Dichlorobenzene	U		0.00050	0.0010	mg/L	1	31-May-2016 12:55
1,2-Dichloroethane	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
1,2-Dichloropropane	U		0.00050	0.0010	mg/L	1	31-May-2016 12:55
1,3-Dichlorobenzene	U		0.00040	0.0010	mg/L	1	31-May-2016 12:55
1,4-Dichlorobenzene	U		0.00040	0.0010	mg/L	1	31-May-2016 12:55
2-Butanone	U		0.00050	0.0020	mg/L	1	31-May-2016 12:55
2-Hexanone	U		0.0010	0.0020	mg/L	1	31-May-2016 12:55
4-Methyl-2-pentanone	U		0.00070	0.0020	mg/L	1	31-May-2016 12:55
Acetone	U		0.0020	0.0020	mg/L	1	31-May-2016 12:55
Benzene	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
Bromodichloromethane	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
Bromoform	U		0.00040	0.0010	mg/L	1	31-May-2016 12:55
Bromomethane	U		0.00040	0.0010	mg/L	1	31-May-2016 12:55
Carbon disulfide	U		0.00060	0.0020	mg/L	1	31-May-2016 12:55
Carbon tetrachloride	U		0.00050	0.0010	mg/L	1	31-May-2016 12:55
Chlorobenzene	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Chloroethane	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Chloroform	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
Chloromethane	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
cis-1,2-Dichloroethene	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
cis-1,3-Dichloropropene	U		0.00010	0.0010	mg/L	1	31-May-2016 12:55
Cyclohexane	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Dibromochloromethane	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Dichlorodifluoromethane	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Ethylbenzene	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Isopropylbenzene	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
m,p-Xylene	U		0.00050	0.0020	mg/L	1	31-May-2016 12:55
Methyl acetate	U		0.0010	0.0010	mg/L	1	31-May-2016 12:55
Methyl tert-butyl ether	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
Methylcyclohexane	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: Trip Blank-TSP-5/12/16-04  
 Collection Date: 18-May-2016 12:00

**ANALYTICAL REPORT**  
 WorkOrder:HS16051317  
 Lab ID:HS16051317-61  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: AKP
Methylene chloride	U		0.0010	0.0020	mg/L	1	31-May-2016 12:55
o-Xylene	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Styrene	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Tetrachloroethene	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Toluene	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
trans-1,2-Dichloroethene	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
trans-1,3-Dichloropropene	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
Trichloroethene	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
Trichlorofluoromethane	U		0.00030	0.0010	mg/L	1	31-May-2016 12:55
Vinyl chloride	U		0.00020	0.0010	mg/L	1	31-May-2016 12:55
Xylenes, Total	U		0.00050	0.0030	mg/L	1	31-May-2016 12:55
Surr: 1,2-Dichloroethane-d4	98.6			71-125	%REC	1	31-May-2016 12:55
Surr: 4-Bromofluorobenzene	96.0			70-125	%REC	1	31-May-2016 12:55
Surr: Dibromofluoromethane	97.4			74-125	%REC	1	31-May-2016 12:55
Surr: Toluene-d8	97.5			75-125	%REC	1	31-May-2016 12:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

## WEIGHT LOG

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**Batch ID:** 1003 **Method:** VOLATILES BY SW8260C

SampID	Container	Sample Wt/Vol	Final Volume	Weight Factor	Container Type
HS16051317-10	1	6.104 (g)	5 (mL)	0.82	TerraCore (5035A)
HS16051317-11	1	5.587 (g)	5 (mL)	0.89	TerraCore (5035A)
HS16051317-12	1	6.91 (g)	5 (mL)	0.72	TerraCore (5035A)
HS16051317-13	1	6.533 (g)	5 (mL)	0.77	TerraCore (5035A)
HS16051317-14	1	5.887 (g)	5 (mL)	0.85	TerraCore (5035A)
HS16051317-15	1	6.335000000 00001 (g)	5 (mL)	0.79	TerraCore (5035A)
HS16051317-16	1	6.611 (g)	5 (mL)	0.76	TerraCore (5035A)
HS16051317-17	1	6.443 (g)	5 (mL)	0.78	TerraCore (5035A)
HS16051317-18	1	6.818 (g)	5 (mL)	0.73	TerraCore (5035A)
HS16051317-28	1	6.501 (g)	5 (mL)	0.77	TerraCore (5035A)
HS16051317-30	1	6.575 (g)	5 (mL)	0.76	TerraCore (5035A)
HS16051317-31	1	6.478 (g)	5 (mL)	0.77	TerraCore (5035A)
HS16051317-32	1	6.482 (g)	5 (mL)	0.77	TerraCore (5035A)
HS16051317-33	1	7.107 (g)	5 (mL)	0.7	TerraCore (5035A)
HS16051317-35	1	6.43 (g)	5 (mL)	0.78	TerraCore (5035A)
HS16051317-36	1	6.221 (g)	5 (mL)	0.8	TerraCore (5035A)
HS16051317-37	1	6.739 (g)	5 (mL)	0.74	TerraCore (5035A)
HS16051317-38	1	6.273 (g)	5 (mL)	0.8	TerraCore (5035A)
HS16051317-39	1	6.339 (g)	5 (mL)	0.79	TerraCore (5035A)
HS16051317-48	1	6.306 (g)	5 (mL)	0.79	TerraCore (5035A)
HS16051317-49	1	6.727 (g)	5 (mL)	0.74	TerraCore (5035A)
HS16051317-50	1	6.478 (g)	5 (mL)	0.77	TerraCore (5035A)
HS16051317-51	1	6.353 (g)	5 (mL)	0.79	TerraCore (5035A)

**Batch ID:** 104748 **Method:** PCBs BY SW8082A **Prep:** PCBPR\_MW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS16051317-01	1	15.03	5 (mL)	0.3327
HS16051317-02	1	15.05	5 (mL)	0.3322
HS16051317-03	1	15.04	5 (mL)	0.3324
HS16051317-04	1	15.06	5 (mL)	0.332
HS16051317-05	1	15.02	5 (mL)	0.3329
HS16051317-06	1	15.08	5 (mL)	0.3316
HS16051317-07	1	15.07	5 (mL)	0.3318
HS16051317-08	1	15.06	5 (mL)	0.332
HS16051317-09	1	15.07	5 (mL)	0.3318
HS16051317-40	1	15.05	5 (mL)	0.3322
HS16051317-41	1	15.06	5 (mL)	0.332
HS16051317-42	1	15.07	5 (mL)	0.3318
HS16051317-43	1	15.06	5 (mL)	0.332
HS16051317-44	1	15.07	5 (mL)	0.3318
HS16051317-45	1	15.01	5 (mL)	0.3331
HS16051317-46	1	15.03	5 (mL)	0.3327
HS16051317-47	1	15.02	5 (mL)	0.3329
HS16051317-53	1	15.04	5 (mL)	0.3324
HS16051317-54	1	15.05	5 (mL)	0.3322
HS16051317-55	1	15.06	5 (mL)	0.332

## WEIGHT LOG

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**Batch ID:** 104757      **Method:** PCBS BY SW8082A      **Prep:** PCBPR\_MW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS16051317-56	1	15.03	5 (mL)	0.3327
HS16051317-57	1	15.05	5 (mL)	0.3322
HS16051317-58	1	15.03	5 (mL)	0.3327
HS16051317-59	1	15.04	5 (mL)	0.3324
HS16051317-60	1	15.07	5 (mL)	0.3318

**Batch ID:** 104799      **Method:** LOW-LEVEL SEMIVOLATILES      **Prep:** 3541\_B\_LOW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS16051317-20	1	30.15	1 (mL)	0.03317
HS16051317-21	1	15.08	1 (mL)	0.06631
HS16051317-22	1	30.11	1 (mL)	0.03321
HS16051317-23	1	30.19	1 (mL)	0.03312
HS16051317-24	1	30.06	1 (mL)	0.03327
HS16051317-25	1	30.17	1 (mL)	0.03315
HS16051317-26	1	30.13	1 (mL)	0.03319
HS16051317-27	1	30.12	1 (mL)	0.0332
HS16051317-29	1	30.14	1 (mL)	0.03318
HS16051317-30	1	30.11	1 (mL)	0.03321
HS16051317-31	1	30.1	1 (mL)	0.03322
HS16051317-32	1	30.17	1 (mL)	0.03315
HS16051317-33	1	30.07	1 (mL)	0.03326
HS16051317-36	1	30.15	1 (mL)	0.03317
HS16051317-37	1	30.17	1 (mL)	0.03315
HS16051317-38	1	30.16	1 (mL)	0.03316
HS16051317-39	1	30.13	1 (mL)	0.03319
HS16051317-49	1	30.18	1 (mL)	0.03313
HS16051317-50	1	30.1	1 (mL)	0.03322
HS16051317-51	1	30.08	1 (mL)	0.03324

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
<b>Batch ID</b> 104748	<b>Test Name : PCBS BY SW8082A</b>			<b>Matrix: Soil</b>		
HS16051317-01	DPTS-101	18 May 2016 16:38		27 May 2016 09:17	30 May 2016 00:42	1
HS16051317-02	DPTS-102	18 May 2016 13:20		27 May 2016 09:17	30 May 2016 00:58	1
HS16051317-03	DPTS-103	18 May 2016 13:25		27 May 2016 09:17	30 May 2016 01:15	1
HS16051317-04	DPTS-104	18 May 2016 14:40		27 May 2016 09:17	30 May 2016 01:31	1
HS16051317-05	DPTS-105	18 May 2016 14:48		27 May 2016 09:17	30 May 2016 01:47	1
HS16051317-06	DPTS-106	18 May 2016 15:45		27 May 2016 09:17	30 May 2016 02:03	1
HS16051317-07	DPTS-107	18 May 2016 15:50		27 May 2016 09:17	30 May 2016 02:36	1
HS16051317-08	DPTS-108	18 May 2016 17:00		27 May 2016 09:17	30 May 2016 02:52	1
HS16051317-09	DPTS-109	18 May 2016 17:05		27 May 2016 09:17	30 May 2016 03:41	1
HS16051317-40	DPTS-138	21 May 2016 15:50		27 May 2016 09:17	30 May 2016 03:57	1
HS16051317-41	DPTS-139	21 May 2016 11:10		27 May 2016 09:17	30 May 2016 04:14	1
HS16051317-42	DPTS-140	21 May 2016 11:20		27 May 2016 09:17	30 May 2016 04:30	1
HS16051317-43	DPTS-141	21 May 2016 12:10		27 May 2016 09:17	30 May 2016 04:46	1
HS16051317-44	DPTS-142	21 May 2016 12:10		27 May 2016 09:17	30 May 2016 05:02	1
HS16051317-45	DPTS-143	21 May 2016 12:30		27 May 2016 09:17	30 May 2016 05:35	1
HS16051317-46	DPTS-144	21 May 2016 14:50		27 May 2016 09:17	30 May 2016 05:51	1
HS16051317-47	DPTS-145	21 May 2016 15:00		27 May 2016 09:17	30 May 2016 00:26	1
HS16051317-53	DPTS-150	22 May 2016 15:40		27 May 2016 09:17	31 May 2016 16:27	5
HS16051317-53	DPTS-150	22 May 2016 15:40		27 May 2016 09:17	30 May 2016 00:10	1
HS16051317-54	DPTS-151	22 May 2016 12:25		27 May 2016 09:17	29 May 2016 23:05	1
HS16051317-55	DPTS-152	22 May 2016 12:30		27 May 2016 09:17	29 May 2016 22:48	1
<b>Batch ID</b> 104757	<b>Test Name : PCBS BY SW8082A</b>			<b>Matrix: Soil</b>		
HS16051317-56	DPTS-153	22 May 2016 14:35		27 May 2016 12:12	29 May 2016 18:45	1
HS16051317-57	DPTS-154	22 May 2016 14:45		27 May 2016 12:12	29 May 2016 19:01	1
HS16051317-58	DPTS-155	22 May 2016 16:45		27 May 2016 12:12	29 May 2016 19:17	1
HS16051317-59	DPTS-156	22 May 2016 16:45		27 May 2016 12:12	29 May 2016 19:33	1
HS16051317-60	DPTS-157	22 May 2016 16:50		27 May 2016 12:12	29 May 2016 21:27	1

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
<b>Batch ID</b> 104799		<b>Test Name : LOW-LEVEL SEMIVOLATILES</b>		<b>Matrix: Soil</b>		
HS16051317-20	DPTS-119	20 May 2016 08:45		31 May 2016 09:44	07 Jun 2016 22:29	1
HS16051317-21	DPTS-120	19 May 2016 14:35		31 May 2016 09:44	07 Jun 2016 21:30	1
HS16051317-22	DPTS-121	19 May 2016 14:40		31 May 2016 09:44	07 Jun 2016 22:49	1
HS16051317-23	DPTS-122	19 May 2016 16:30		31 May 2016 09:44	07 Jun 2016 23:08	1
HS16051317-24	DPTS-123	19 May 2016 16:40		31 May 2016 09:44	07 Jun 2016 23:28	1
HS16051317-25	DPTS-124	20 May 2016 07:40		31 May 2016 09:44	07 Jun 2016 23:48	1
HS16051317-26	DPTS-125	20 May 2016 07:40		31 May 2016 09:44	08 Jun 2016 00:07	1
HS16051317-27	DPTS-126	20 May 2016 08:00		31 May 2016 09:44	08 Jun 2016 00:27	1
HS16051317-29	DPTS-128	20 May 2016 08:55		31 May 2016 09:44	08 Jun 2016 20:09	4
HS16051317-29	DPTS-128	20 May 2016 08:55		31 May 2016 09:44	08 Jun 2016 00:47	1
HS16051317-30	DPTS-129	20 May 2016 09:05		31 May 2016 09:44	08 Jun 2016 01:06	1
HS16051317-31	DPTS-130	20 May 2016 09:10		31 May 2016 09:44	08 Jun 2016 01:26	1
HS16051317-32	DPTS-131	20 May 2016 10:35		31 May 2016 09:44	08 Jun 2016 20:29	5
HS16051317-32	DPTS-131	20 May 2016 10:35		31 May 2016 09:44	08 Jun 2016 01:45	1
HS16051317-33	DPTS-132	20 May 2016 10:45		31 May 2016 09:44	08 Jun 2016 02:05	1
HS16051317-36	DPTS-134	20 May 2016 14:30		31 May 2016 09:44	08 Jun 2016 02:25	1
HS16051317-37	DPTS-135	20 May 2016 14:40		31 May 2016 09:44	08 Jun 2016 02:44	1
HS16051317-38	DPTS-136	20 May 2016 16:00		31 May 2016 09:44	08 Jun 2016 03:04	1
HS16051317-39	DPTS-137	20 May 2016 16:15		31 May 2016 09:44	08 Jun 2016 03:24	1
HS16051317-49	DPTS-147	21 May 2016 16:00		31 May 2016 09:44	08 Jun 2016 03:43	1
HS16051317-50	DPTS-148	21 May 2016 16:07		31 May 2016 09:44	08 Jun 2016 04:03	1
HS16051317-51	DPTS-149	21 May 2016 16:07		31 May 2016 09:44	08 Jun 2016 04:22	1



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
<b>Batch ID</b> R275067		<b>Test Name :</b> MOISTURE - ASTM D2216			<b>Matrix:</b> Soil	
HS16051317-01	DPTS-101	18 May 2016 16:38			25 May 2016 10:07	1
HS16051317-02	DPTS-102	18 May 2016 13:20			25 May 2016 10:07	1
HS16051317-03	DPTS-103	18 May 2016 13:25			25 May 2016 10:07	1
HS16051317-04	DPTS-104	18 May 2016 14:40			25 May 2016 10:07	1
HS16051317-05	DPTS-105	18 May 2016 14:48			25 May 2016 10:07	1
HS16051317-06	DPTS-106	18 May 2016 15:45			25 May 2016 10:07	1
HS16051317-07	DPTS-107	18 May 2016 15:50			25 May 2016 10:07	1
HS16051317-08	DPTS-108	18 May 2016 17:00			25 May 2016 10:07	1
HS16051317-09	DPTS-109	18 May 2016 17:05			25 May 2016 10:07	1
HS16051317-10	DPTS-110	19 May 2016 07:50			25 May 2016 10:07	1
HS16051317-11	DPTS-111	19 May 2016 08:25			25 May 2016 10:07	1
HS16051317-12	DPTS-112	19 May 2016 08:35			25 May 2016 10:07	1
HS16051317-13	DPTS-113	19 May 2016 08:40			25 May 2016 10:07	1
HS16051317-14	DPTS-114	19 May 2016 09:50			25 May 2016 10:07	1
HS16051317-15	DPTS-115	19 May 2016 10:00			25 May 2016 10:07	1
HS16051317-16	DPTS-116	19 May 2016 12:00			25 May 2016 10:07	1
HS16051317-17	DPTS-117	19 May 2016 12:15			25 May 2016 10:07	1
HS16051317-18	DPTS-118	19 May 2016 12:25			25 May 2016 10:07	1
HS16051317-20	DPTS-119	20 May 2016 08:45			25 May 2016 10:07	1
HS16051317-21	DPTS-120	19 May 2016 14:35			25 May 2016 10:07	1

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
<b>Batch ID R275068</b>		<b>Test Name : MOISTURE - ASTM D2216</b>		<b>Matrix: Soil</b>		
HS16051317-22	DPTS-121	19 May 2016 14:40			25 May 2016 10:10	1
HS16051317-23	DPTS-122	19 May 2016 16:30			25 May 2016 10:10	1
HS16051317-24	DPTS-123	19 May 2016 16:40			25 May 2016 10:10	1
HS16051317-25	DPTS-124	20 May 2016 07:40			25 May 2016 10:10	1
HS16051317-26	DPTS-125	20 May 2016 07:40			25 May 2016 10:10	1
HS16051317-27	DPTS-126	20 May 2016 08:00			25 May 2016 10:10	1
HS16051317-28	DPTS-127	20 May 2016 08:40			25 May 2016 10:10	1
HS16051317-29	DPTS-128	20 May 2016 08:55			25 May 2016 10:10	1
HS16051317-30	DPTS-129	20 May 2016 09:05			25 May 2016 10:10	1
HS16051317-31	DPTS-130	20 May 2016 09:10			25 May 2016 10:10	1
HS16051317-32	DPTS-131	20 May 2016 10:35			25 May 2016 10:10	1
HS16051317-33	DPTS-132	20 May 2016 10:45			25 May 2016 10:10	1
HS16051317-35	DPTS-133	20 May 2016 14:00			25 May 2016 10:10	1
HS16051317-36	DPTS-134	20 May 2016 14:30			25 May 2016 10:10	1
HS16051317-37	DPTS-135	20 May 2016 14:40			25 May 2016 10:10	1
HS16051317-38	DPTS-136	20 May 2016 16:00			25 May 2016 10:10	1
HS16051317-39	DPTS-137	20 May 2016 16:15			25 May 2016 10:10	1
HS16051317-40	DPTS-138	21 May 2016 15:50			25 May 2016 10:10	1
HS16051317-41	DPTS-139	21 May 2016 11:10			25 May 2016 10:10	1
HS16051317-42	DPTS-140	21 May 2016 11:20			25 May 2016 10:10	1
<b>Batch ID R275069</b>		<b>Test Name : MOISTURE - ASTM D2216</b>		<b>Matrix: Soil</b>		
HS16051317-43	DPTS-141	21 May 2016 12:10			25 May 2016 10:16	1
HS16051317-44	DPTS-142	21 May 2016 12:10			25 May 2016 10:16	1
HS16051317-45	DPTS-143	21 May 2016 12:30			25 May 2016 10:16	1
HS16051317-46	DPTS-144	21 May 2016 14:50			25 May 2016 10:16	1
HS16051317-47	DPTS-145	21 May 2016 15:00			25 May 2016 10:16	1
HS16051317-48	DPTS-146	21 May 2016 15:35			25 May 2016 10:16	1
HS16051317-49	DPTS-147	21 May 2016 16:00			25 May 2016 10:16	1
HS16051317-50	DPTS-148	21 May 2016 16:07			25 May 2016 10:16	1
HS16051317-51	DPTS-149	21 May 2016 16:07			25 May 2016 10:16	1
HS16051317-53	DPTS-150	22 May 2016 15:40			25 May 2016 10:16	1
HS16051317-54	DPTS-151	22 May 2016 12:25			25 May 2016 10:16	1
HS16051317-55	DPTS-152	22 May 2016 12:30			25 May 2016 10:16	1
HS16051317-56	DPTS-153	22 May 2016 14:35			25 May 2016 10:16	1
HS16051317-57	DPTS-154	22 May 2016 14:45			25 May 2016 10:16	1
HS16051317-58	DPTS-155	22 May 2016 16:45			25 May 2016 10:16	1
HS16051317-59	DPTS-156	22 May 2016 16:45			25 May 2016 10:16	1
HS16051317-60	DPTS-157	22 May 2016 16:50			25 May 2016 10:16	1

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
<b>Batch ID R275272</b>		<b>Test Name : VOLATILES BY SW8260C</b>			<b>Matrix: Soil</b>	
HS16051317-10	DPTS-110	19 May 2016 07:50			29 May 2016 14:23	1
HS16051317-11	DPTS-111	19 May 2016 08:25			29 May 2016 14:46	1
HS16051317-12	DPTS-112	19 May 2016 08:35			29 May 2016 15:10	1
HS16051317-13	DPTS-113	19 May 2016 08:40			29 May 2016 15:33	1
HS16051317-14	DPTS-114	19 May 2016 09:50			29 May 2016 15:57	1
HS16051317-15	DPTS-115	19 May 2016 10:00			29 May 2016 16:20	1
HS16051317-16	DPTS-116	19 May 2016 12:00			29 May 2016 16:44	1
HS16051317-17	DPTS-117	19 May 2016 12:15			29 May 2016 17:07	1
HS16051317-18	DPTS-118	19 May 2016 12:25			29 May 2016 17:31	1
HS16051317-28	DPTS-127	20 May 2016 08:40			29 May 2016 17:54	1
HS16051317-30	DPTS-129	20 May 2016 09:05			29 May 2016 18:18	1
<b>Batch ID R275284</b>		<b>Test Name : LOW LEVEL VOLATILES BY SW8260C</b>			<b>Matrix: Water</b>	
HS16051317-19	Trip Blank-TSP-05/12/16-01	18 May 2016 12:30			30 May 2016 15:15	1
HS16051317-34	Trip Blank-TSP-05/12/16-02	18 May 2016 11:00			30 May 2016 15:39	1
HS16051317-52	Trip blank-TSP-05/12/16-03	18 May 2016 16:10			30 May 2016 16:02	1
<b>Batch ID R275294</b>		<b>Test Name : VOLATILES BY SW8260C</b>			<b>Matrix: Soil</b>	
HS16051317-31	DPTS-130	20 May 2016 09:10			30 May 2016 14:16	1
HS16051317-32	DPTS-131	20 May 2016 10:35			30 May 2016 14:39	1
HS16051317-33	DPTS-132	20 May 2016 10:45			30 May 2016 15:02	1
HS16051317-35	DPTS-133	20 May 2016 14:00			30 May 2016 15:25	1
HS16051317-36	DPTS-134	20 May 2016 14:30			30 May 2016 15:49	1
HS16051317-37	DPTS-135	20 May 2016 14:40			30 May 2016 16:12	1
HS16051317-38	DPTS-136	20 May 2016 16:00			30 May 2016 16:35	1
HS16051317-39	DPTS-137	20 May 2016 16:15			30 May 2016 16:59	1
HS16051317-48	DPTS-146	21 May 2016 15:35			30 May 2016 17:22	1
HS16051317-49	DPTS-147	21 May 2016 16:00			30 May 2016 17:45	1
HS16051317-50	DPTS-148	21 May 2016 16:07			30 May 2016 18:09	1
HS16051317-51	DPTS-149	21 May 2016 16:07			30 May 2016 18:32	1
<b>Batch ID R275402</b>		<b>Test Name : LOW LEVEL VOLATILES BY SW8260C</b>			<b>Matrix: Water</b>	
HS16051317-61	Trip Blank-TSP-5/12/16-04	18 May 2016 12:00			31 May 2016 12:55	1

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

<b>Batch ID:</b> 104748	<b>Instrument:</b> ECD_7	<b>Method:</b> SW8082
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<b>MBLK</b>	Sample ID: <b>MBLK-104748</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>29-May-2016 23:37</b>							
Client ID:	Run ID: <b>ECD_7_275369</b>	SeqNo: <b>3705012</b>	PrepDate: <b>27-May-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	17								
Aroclor 1221	U	17								
Aroclor 1232	U	17								
Aroclor 1242	U	17								
Aroclor 1248	U	17								
Aroclor 1254	U	17								
Aroclor 1260	U	17								
<i>Surr: Decachlorobiphenyl</i>	4.603	1.6	6.667	0	69.0	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	3.973	1.6	6.667	0	59.6	50 - 140				

<b>LCS</b>	Sample ID: <b>LCS-104748</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>29-May-2016 23:53</b>							
Client ID:	Run ID: <b>ECD_7_275369</b>	SeqNo: <b>3705013</b>	PrepDate: <b>27-May-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	141.7	17	166.7	0	85.0	53 - 135				
Aroclor 1260	156.5	17	166.7	0	93.9	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	6.469	1.6	6.667	0	97.0	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	5.82	1.6	6.667	0	87.3	50 - 140				

<b>MS</b>	Sample ID: <b>HS16051317-08MS</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>30-May-2016 03:08</b>							
Client ID: <b>DPTS-108</b>	Run ID: <b>ECD_7_275369</b>	SeqNo: <b>3705024</b>	PrepDate: <b>27-May-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	150	17	166.6	0	90.0	53 - 135				
Aroclor 1260	150.7	17	166.6	0	90.5	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	6.594	1.6	6.663	0	99.0	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	5.44	1.6	6.663	0	81.7	50 - 140				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

<b>Batch ID:</b> 104748	<b>Instrument:</b> ECD_7	<b>Method:</b> SW8082
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<b>MSD</b>	Sample ID: <b>HS16051317-08MSD</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>30-May-2016 03:25</b>							
Client ID: <b>DPTS-108</b>	Run ID: <b>ECD_7_275369</b>	SeqNo: <b>3705025</b>	PrepDate: <b>27-May-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Aroclor 1016	146.3	17	166.4	0	87.9	53 - 135	150	2.47	30
Aroclor 1260	155	17	166.4	0	93.2	54 - 137	150.7	2.82	30
<i>Surr: Decachlorobiphenyl</i>	<i>6.714</i>	<i>1.6</i>	<i>6.654</i>	<i>0</i>	<i>101</i>	<i>54 - 143</i>	<i>6.594</i>	<i>1.8</i>	<i>30</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>5.268</i>	<i>1.6</i>	<i>6.654</i>	<i>0</i>	<i>79.2</i>	<i>50 - 140</i>	<i>5.44</i>	<i>3.22</i>	<i>30</i>

The following samples were analyzed in this batch:

HS16051317-01	HS16051317-02	HS16051317-03	HS16051317-04
HS16051317-05	HS16051317-06	HS16051317-07	HS16051317-08
HS16051317-09	HS16051317-40	HS16051317-41	HS16051317-42
HS16051317-43	HS16051317-44	HS16051317-45	HS16051317-46
HS16051317-47	HS16051317-53	HS16051317-54	HS16051317-55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

<b>Batch ID:</b> 104757	<b>Instrument:</b> ECD_7	<b>Method:</b> SW8082
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<b>MBLK</b>		Sample ID: <b>MBLK-104757</b>		Units: <b>ug/Kg</b>		Analysis Date: <b>29-May-2016 17:40</b>			
Client ID:		Run ID: <b>ECD_7_275360</b>		SeqNo: <b>3704809</b>		PrepDate: <b>27-May-2016</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aroclor 1016	U	17							
Aroclor 1221	U	17							
Aroclor 1232	U	17							
Aroclor 1242	U	17							
Aroclor 1248	U	17							
Aroclor 1254	U	17							
Aroclor 1260	U	17							
<i>Surr: Decachlorobiphenyl</i>	4.512	1.6	6.667	0	67.7	54 - 143			
<i>Surr: Tetrachloro-m-xylene</i>	4.077	1.6	6.667	0	61.2	50 - 140			

<b>LCS</b>		Sample ID: <b>LCS-104757</b>		Units: <b>ug/Kg</b>		Analysis Date: <b>29-May-2016 17:56</b>			
Client ID:		Run ID: <b>ECD_7_275360</b>		SeqNo: <b>3704810</b>		PrepDate: <b>27-May-2016</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aroclor 1016	123.4	17	166.7	0	74.0	53 - 135			
Aroclor 1260	134.2	17	166.7	0	80.5	54 - 137			
<i>Surr: Decachlorobiphenyl</i>	5.487	1.6	6.667	0	82.3	54 - 143			
<i>Surr: Tetrachloro-m-xylene</i>	4.71	1.6	6.667	0	70.6	50 - 140			

<b>MS</b>		Sample ID: <b>HS16051317-59MS</b>		Units: <b>ug/Kg</b>		Analysis Date: <b>29-May-2016 19:50</b>			
Client ID: <b>DPTS-156</b>		Run ID: <b>ECD_7_275360</b>		SeqNo: <b>3704817</b>		PrepDate: <b>27-May-2016</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aroclor 1016	170.3	17	166.6	0	102	53 - 135			
Aroclor 1260	126.2	17	166.6	0	75.7	54 - 137			
<i>Surr: Decachlorobiphenyl</i>	5.448	1.6	6.663	0	81.8	54 - 143			
<i>Surr: Tetrachloro-m-xylene</i>	4.648	1.6	6.663	0	69.8	50 - 140			

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

<b>Batch ID: 104757</b>		<b>Instrument: ECD_7</b>		<b>Method: SW8082</b>						
<b>MSD</b>	Sample ID: <b>HS16051317-59MSD</b>	Units: <b>ug/Kg</b>			Analysis Date: <b>29-May-2016 20:06</b>					
Client ID: <b>DPTS-156</b>	Run ID: <b>ECD_7_275360</b>	SeqNo: <b>3704818</b>		PrepDate: <b>27-May-2016</b>		DF: <b>1</b>				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Aroclor 1016	192.6	17	166.4	0	116	53 - 135	170.3	12.3	30
Aroclor 1260	137.2	17	166.4	0	82.5	54 - 137	126.2	8.35	30
Surr: Decachlorobiphenyl	6.006	1.6	6.654	0	90.3	54 - 143	5.448	9.74	30
Surr: Tetrachloro-m-xylene	5.107	1.6	6.654	0	76.8	50 - 140	4.648	9.42	30

The following samples were analyzed in this batch: 

HS16051317-56	HS16051317-57	HS16051317-58	HS16051317-59
HS16051317-60			

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
MBLK	Sample ID: MBLK-104799	Units: ug/Kg			Analysis Date: 07-Jun-2016 20:11					
Client ID:	Run ID: SV-7_275968	SeqNo: 3715909		PrepDate: 31-May-2016		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	U	6.6								
2,4,5-Trichlorophenol	U	6.6								
2,4,6-Trichlorophenol	U	6.6								
2,4-Dichlorophenol	U	6.6								
2,4-Dimethylphenol	U	6.6								
2,4-Dinitrophenol	U	13								
2,4-Dinitrotoluene	U	6.6								
2,6-Dinitrotoluene	U	6.6								
2-Chloronaphthalene	U	6.6								
2-Chlorophenol	U	6.6								
2-Methylnaphthalene	U	3.3								
2-Methylphenol	U	6.6								
2-Nitroaniline	U	6.6								
2-Nitrophenol	U	6.6								
3&4-Methylphenol	U	6.6								
3,3'-Dichlorobenzidine	U	6.6								
3-Nitroaniline	U	6.6								
4,6-Dinitro-2-methylphenol	U	6.6								
4-Bromophenyl phenyl ether	U	6.6								
4-Chloro-3-methylphenol	U	6.6								
4-Chloroaniline	U	6.6								
4-Chlorophenyl phenyl ether	U	6.6								
4-Nitroaniline	U	6.6								
4-Nitrophenol	U	13								
Acenaphthene	U	3.3								
Acenaphthylene	U	3.3								
Acetophenone	U	6.6								
Anthracene	U	3.3								
Atrazine	U	6.6								
Benz(a)anthracene	U	3.3								
Benzaldehyde	U	6.6								
Benzo(a)pyrene	U	3.3								
Benzo(b)fluoranthene	U	3.3								
Benzo(g,h,i)perylene	U	3.3								

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
MBLK	Sample ID: MBLK-104799	Units: ug/Kg			Analysis Date: 07-Jun-2016 20:11					
Client ID:	Run ID: SV-7_275968	SeqNo: 3715909		PrepDate: 31-May-2016		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	U	3.3								
Bis(2-chloroethoxy)methane	U	6.6								
Bis(2-chloroethyl)ether	U	6.6								
Bis(2-chloroisopropyl)ether	U	6.6								
Bis(2-ethylhexyl)phthalate	U	6.6								
Butyl benzyl phthalate	U	6.6								
Caprolactam	U	6.6								
Carbazole	U	6.6								
Chrysene	U	3.3								
Dibenz(a,h)anthracene	U	3.3								
Dibenzofuran	U	3.3								
Diethyl phthalate	U	6.6								
Dimethyl phthalate	U	6.6								
Di-n-butyl phthalate	U	6.6								
Di-n-octyl phthalate	U	6.6								
Fluoranthene	U	3.3								
Fluorene	U	3.3								
Hexachlorobenzene	U	6.6								
Hexachlorobutadiene	U	6.6								
Hexachlorocyclopentadiene	U	6.6								
Hexachloroethane	U	6.6								
Indeno(1,2,3-cd)pyrene	U	3.3								
Isophorone	U	6.6								
Naphthalene	U	3.3								
Nitrobenzene	U	6.6								
N-Nitrosodi-n-propylamine	U	6.6								
N-Nitrosodiphenylamine	U	6.6								
Pentachlorophenol	U	6.6								
Phenanthrene	U	3.3								
Phenol	U	6.6								
Pyrene	U	3.3								
Surr: 2,4,6-Tribromophenol	97.34	0	167	0	58.3	36 - 126				
Surr: 2-Fluorobiphenyl	74.5	0	167	0	44.6	43 - 125				
Surr: 2-Fluorophenol	107.6	0	167	0	64.4	37 - 125				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
<b>MBLK</b>	Sample ID: <b>MBLK-104799</b>	Units: <b>ug/Kg</b>			Analysis Date: <b>07-Jun-2016 20:11</b>					
Client ID:	Run ID: <b>SV-7_275968</b>	SeqNo: <b>3715909</b>		PrepDate: <b>31-May-2016</b>		DF: <b>1</b>				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
<i>Surr: 4-Terphenyl-d14</i>	113.6	0	167	0	68.0	32 - 125				
<i>Surr: Nitrobenzene-d5</i>	92.3	0	167	0	55.3	37 - 125				
<i>Surr: Phenol-d6</i>	91.43	0	167	0	54.8	40 - 125				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
LCS	Sample ID: LCS-104799	Units: ug/Kg			Analysis Date: 07-Jun-2016 20:31					
Client ID:	Run ID: SV-7_275968	SeqNo: 3715910	PrepDate: 31-May-2016	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	84.63	6.6	167	0	50.7	50 - 120				
2,4,5-Trichlorophenol	90.42	6.6	167	0	54.1	45 - 127				
2,4,6-Trichlorophenol	91.79	6.6	167	0	55.0	45 - 130				
2,4-Dichlorophenol	97.23	6.6	167	0	58.2	45 - 125				
2,4-Dimethylphenol	79.66	6.6	167	0	47.7	45 - 120				
2,4-Dinitrophenol	108	13	167	0	64.7	10 - 126				
2,4-Dinitrotoluene	97.21	6.6	167	0	58.2	50 - 130				
2,6-Dinitrotoluene	105	6.6	167	0	62.9	50 - 125				
2-Chloronaphthalene	83.77	6.6	167	0	50.2	50 - 145				
2-Chlorophenol	94.5	6.6	167	0	56.6	45 - 120				
2-Methylnaphthalene	85.7	3.3	167	0	51.3	50 - 120				
2-Methylphenol	87.29	6.6	167	0	52.3	45 - 120				
2-Nitroaniline	102.2	6.6	167	0	61.2	45 - 138				
2-Nitrophenol	153.4	6.6	167	0	91.9	45 - 125				
3&4-Methylphenol	90.7	6.6	167	0	54.3	45 - 120				
3,3'-Dichlorobenzidine	97.43	6.6	167	0	58.3	15 - 120				
3-Nitroaniline	69.01	6.6	167	0	41.3	40 - 120				
4,6-Dinitro-2-methylphenol	116.8	6.6	167	0	69.9	15 - 135				
4-Bromophenyl phenyl ether	93.64	6.6	167	0	56.1	50 - 125				
4-Chloro-3-methylphenol	104.9	6.6	167	0	62.8	45 - 130				
4-Chloroaniline	49.87	6.6	167	0	29.9	20 - 120				
4-Chlorophenyl phenyl ether	86.97	6.6	167	0	52.1	50 - 120				
4-Nitroaniline	84.46	6.6	167	0	50.6	50 - 127				
4-Nitrophenol	104.8	13	167	0	62.7	40 - 147				
Acenaphthene	86.84	3.3	167	0	52.0	50 - 120				
Acenaphthylene	85.28	3.3	167	0	51.1	50 - 120				
Acetophenone	88.44	6.6	167	0	53.0	50 - 120				
Anthracene	98.41	3.3	167	0	58.9	50 - 123				
Atrazine	102.7	6.6	167	0	61.5	29 - 148				
Benz(a)anthracene	100.2	3.3	167	0	60.0	50 - 131				
Benzaldehyde	75.56	6.6	167	0	45.2	22 - 129				
Benzo(a)pyrene	102.1	3.3	167	0	61.1	50 - 130				
Benzo(b)fluoranthene	116.6	3.3	167	0	69.8	50 - 137				
Benzo(g,h,i)perylene	100.2	3.3	167	0	60.0	50 - 130				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
LCS	Sample ID: LCS-104799	Units: ug/Kg			Analysis Date: 07-Jun-2016 20:31					
Client ID:	Run ID: SV-7_275968	SeqNo: 3715910	PrepDate: 31-May-2016	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	104.6	3.3	167	0	62.6	50 - 143				
Bis(2-chloroethoxy)methane	88.28	6.6	167	0	52.9	50 - 120				
Bis(2-chloroethyl)ether	103.5	6.6	167	0	62.0	45 - 127				
Bis(2-chloroisopropyl)ether	84.67	6.6	167	0	50.7	50 - 120				
Bis(2-ethylhexyl)phthalate	115.7	6.6	167	0	69.3	21 - 148				
Butyl benzyl phthalate	109.6	6.6	167	0	65.6	50 - 136				
Caprolactam	114.3	6.6	167	0	68.4	50 - 135				
Carbazole	96.15	6.6	167	0	57.6	50 - 143				
Chrysene	107.8	3.3	167	0	64.5	50 - 130				
Dibenz(a,h)anthracene	109.5	3.3	167	0	65.5	50 - 130				
Dibenzofuran	85.44	3.3	167	0	51.2	50 - 125				
Diethyl phthalate	91.1	6.6	167	0	54.6	50 - 125				
Dimethyl phthalate	88.01	6.6	167	0	52.7	50 - 125				
Di-n-butyl phthalate	107.3	6.6	167	0	64.2	50 - 140				
Di-n-octyl phthalate	104.1	6.6	167	0	62.3	50 - 140				
Fluoranthene	103.4	3.3	167	0	61.9	50 - 131				
Fluorene	87.24	3.3	167	0	52.2	50 - 125				
Hexachlorobenzene	96.9	6.6	167	0	58.0	50 - 124				
Hexachlorobutadiene	87.82	6.6	167	0	52.6	50 - 125				
Hexachlorocyclopentadiene	80.51	6.6	167	0	48.2	45 - 135				
Hexachloroethane	81.22	6.6	167	0	48.6	45 - 125				
Indeno(1,2,3-cd)pyrene	147.3	3.3	167	0	88.2	45 - 139				
Isophorone	91.67	6.6	167	0	54.9	45 - 130				
Naphthalene	83.9	3.3	167	0	50.2	50 - 125				
Nitrobenzene	86.27	6.6	167	0	51.7	50 - 125				
N-Nitrosodi-n-propylamine	88	6.6	167	0	52.7	45 - 120				
N-Nitrosodiphenylamine	96.7	6.6	167	0	57.9	50 - 130				
Pentachlorophenol	113	6.6	167	0	67.7	23 - 136				
Phenanthrene	95.49	3.3	167	0	57.2	50 - 125				
Phenol	98.89	6.6	167	0	59.2	45 - 130				
Pyrene	94.4	3.3	167	0	56.5	45 - 130				
<i>Surr: 2,4,6-Tribromophenol</i>	<i>100.1</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>60.0</i>	<i>36 - 126</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>74.32</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>44.5</i>	<i>43 - 125</i>				
<i>Surr: 2-Fluorophenol</i>	<i>110.2</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>66.0</i>	<i>37 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
<b>LCS</b>	Sample ID: <b>LCS-104799</b>	Units: <b>ug/Kg</b>			Analysis Date: <b>07-Jun-2016 20:31</b>					
Client ID:	Run ID: <b>SV-7_275968</b>	SeqNo: <b>3715910</b>		PrepDate: <b>31-May-2016</b>		DF: <b>1</b>				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
<i>Surr: 4-Terphenyl-d14</i>	90.1	0	167	0	53.9	32 - 125				
<i>Surr: Nitrobenzene-d5</i>	85.62	0	167	0	51.3	37 - 125				
<i>Surr: Phenol-d6</i>	91.74	0	167	0	54.9	40 - 125				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
MS		Sample ID: HS16051317-21MS		Units: ug/Kg		Analysis Date: 07-Jun-2016 21:50				
Client ID: DPTS-120		Run ID: SV-7_275968		SeqNo: 3715912		PrepDate: 31-May-2016		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	195.3	13	332.4	0	58.8	50 - 120				
2,4,5-Trichlorophenol	205.5	13	332.4	0	61.8	45 - 127				
2,4,6-Trichlorophenol	208.1	13	332.4	0	62.6	45 - 130				
2,4-Dichlorophenol	232.5	13	332.4	0	69.9	45 - 125				
2,4-Dimethylphenol	183.2	13	332.4	0	55.1	45 - 120				
2,4-Dinitrophenol	247.1	26	332.4	0	74.3	10 - 126				
2,4-Dinitrotoluene	232.4	13	332.4	0	69.9	50 - 130				
2,6-Dinitrotoluene	262.1	13	332.4	0	78.8	50 - 125				
2-Chloronaphthalene	169.6	13	332.4	0	51.0	50 - 145				
2-Chlorophenol	241.7	13	332.4	0	72.7	45 - 120				
2-Methylnaphthalene	220.2	6.6	332.4	0	66.2	50 - 120				
2-Methylphenol	215.9	13	332.4	0	64.9	45 - 120				
2-Nitroaniline	250.7	13	332.4	0	75.4	45 - 138				
2-Nitrophenol	260.7	13	332.4	0	78.4	45 - 125				
3&4-Methylphenol	231.4	13	332.4	0	69.6	45 - 120				
3,3'-Dichlorobenzidine	326.7	13	332.4	0	98.3	15 - 120				
3-Nitroaniline	287.4	13	332.4	0	86.4	40 - 120				
4,6-Dinitro-2-methylphenol	299.2	13	332.4	0	90.0	15 - 135				
4-Bromophenyl phenyl ether	241.1	13	332.4	0	72.5	50 - 125				
4-Chloro-3-methylphenol	250.7	13	332.4	0	75.4	45 - 130				
4-Chloroaniline	252.6	13	332.4	0	76.0	20 - 120				
4-Chlorophenyl phenyl ether	215.1	13	332.4	0	64.7	50 - 120				
4-Nitroaniline	263.5	13	332.4	0	79.3	50 - 127				
4-Nitrophenol	273.4	26	332.4	0	82.2	40 - 147				
Acenaphthene	216.8	6.6	332.4	0	65.2	50 - 120				
Acenaphthylene	200.9	6.6	332.4	0	60.4	50 - 120				
Acetophenone	222.9	13	332.4	0	67.1	50 - 120				
Anthracene	242.7	6.6	332.4	0	73.0	50 - 123				
Atrazine	283.5	13	332.4	0	85.3	29 - 148				
Benz(a)anthracene	255.4	6.6	332.4	3.9	75.7	50 - 131				
Benzaldehyde	115.3	13	332.4	0	34.7	22 - 129				
Benzo(a)pyrene	275.6	6.6	332.4	0	82.9	50 - 130				
Benzo(b)fluoranthene	289.9	6.6	332.4	0	87.2	50 - 137				
Benzo(g,h,i)perylene	263.9	6.6	332.4	0	79.4	50 - 130				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
MS	Sample ID: HS16051317-21MS	Units: ug/Kg			Analysis Date: 07-Jun-2016 21:50					
Client ID: DPTS-120	Run ID: SV-7_275968	SeqNo: 3715912	PrepDate: 31-May-2016	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	258	6.6	332.4	0	77.6	50 - 143				
Bis(2-chloroethoxy)methane	239.8	13	332.4	0	72.1	50 - 120				
Bis(2-chloroethyl)ether	227.9	13	332.4	0	68.6	45 - 127				
Bis(2-chloroisopropyl)ether	209	13	332.4	0	62.9	50 - 120				
Bis(2-ethylhexyl)phthalate	316.3	13	332.4	0	95.2	21 - 148				
Butyl benzyl phthalate	316.9	13	332.4	0	95.3	50 - 136				
Caprolactam	69.8	13	332.4	0	21.0	50 - 135				S
Carbazole	284.8	13	332.4	0	85.7	50 - 143				
Chrysene	258.9	6.6	332.4	3.893	76.7	50 - 130				
Dibenz(a,h)anthracene	292.3	6.6	332.4	0	87.9	50 - 130				
Dibenzofuran	204.8	6.6	332.4	0	61.6	50 - 125				
Diethyl phthalate	226.7	13	332.4	0	68.2	50 - 125				
Dimethyl phthalate	214.9	13	332.4	0	64.6	50 - 125				
Di-n-butyl phthalate	295.8	13	332.4	0	89.0	50 - 140				
Di-n-octyl phthalate	301.8	13	332.4	0	90.8	50 - 140				
Fluoranthene	282.9	6.6	332.4	7.101	83.0	50 - 131				
Fluorene	214.6	6.6	332.4	0	64.5	50 - 125				
Hexachlorobenzene	238.9	13	332.4	0	71.9	50 - 124				
Hexachlorobutadiene	233.7	13	332.4	0	70.3	50 - 125				
Hexachlorocyclopentadiene	193.1	13	332.4	0	58.1	45 - 135				
Hexachloroethane	213.7	13	332.4	0	64.3	45 - 125				
Indeno(1,2,3-cd)pyrene	289.5	6.6	332.4	0	87.1	45 - 139				
Isophorone	238.9	13	332.4	0	71.9	45 - 130				
Naphthalene	223.3	6.6	332.4	0	67.2	50 - 125				
Nitrobenzene	245.1	13	332.4	0	73.7	50 - 125				
N-Nitrosodi-n-propylamine	226.3	13	332.4	0	68.1	45 - 120				
N-Nitrosodiphenylamine	248.5	13	332.4	0	74.7	50 - 130				
Pentachlorophenol	252.7	13	332.4	0	76.0	23 - 136				
Phenanthrene	243.3	6.6	332.4	3.878	72.0	50 - 125				
Phenol	214.3	13	332.4	0	64.5	45 - 130				
Pyrene	267.6	6.6	332.4	5.94	78.7	45 - 130				
Surr: 2,4,6-Tribromophenol	236.7	0	332.4	0	71.2	36 - 126				
Surr: 2-Fluorobiphenyl	186.2	0	332.4	0	56.0	43 - 125				
Surr: 2-Fluorophenol	221.2	0	332.4	0	66.5	37 - 125				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

<b>Batch ID:</b> 104799	<b>Instrument:</b> SV-7	<b>Method:</b> SW8270
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<b>MS</b>	Sample ID: <b>HS16051317-21MS</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>07-Jun-2016 21:50</b>						
Client ID: <b>DPTS-120</b>	Run ID: <b>SV-7_275968</b>	SeqNo: <b>3715912</b>	PrepDate: <b>31-May-2016</b> DF: <b>1</b>						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
<i>Surr: 4-Terphenyl-d14</i>	240.5	0	332.4	0	72.3	32 - 125			
<i>Surr: Nitrobenzene-d5</i>	231.6	0	332.4	0	69.7	37 - 125			
<i>Surr: Phenol-d6</i>	225.8	0	332.4	0	67.9	40 - 125			

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
MSD	Sample ID: HS16051317-21MSD	Units: ug/Kg			Analysis Date: 07-Jun-2016 22:09					
Client ID: DPTS-120	Run ID: SV-7_275968	SeqNo: 3715913	PrepDate: 31-May-2016	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	190.4	13	332	0	57.4	50 - 120	195.3	2.54	30	
2,4,5-Trichlorophenol	209.9	13	332	0	63.2	45 - 127	205.5	2.15	30	
2,4,6-Trichlorophenol	212	13	332	0	63.9	45 - 130	208.1	1.86	30	
2,4-Dichlorophenol	240	13	332	0	72.3	45 - 125	232.5	3.18	30	
2,4-Dimethylphenol	182.4	13	332	0	54.9	45 - 120	183.2	0.427	30	
2,4-Dinitrophenol	279.7	26	332	0	84.2	10 - 126	247.1	12.4	30	
2,4-Dinitrotoluene	228.2	13	332	0	68.7	50 - 130	232.4	1.79	30	
2,6-Dinitrotoluene	256.2	13	332	0	77.2	50 - 125	262.1	2.27	30	
2-Chloronaphthalene	170.3	13	332	0	51.3	50 - 145	169.6	0.44	30	
2-Chlorophenol	264.4	13	332	0	79.6	45 - 120	241.7	8.96	30	
2-Methylnaphthalene	220.8	6.6	332	0	66.5	50 - 120	220.2	0.28	30	
2-Methylphenol	223.7	13	332	0	67.4	45 - 120	215.9	3.56	30	
2-Nitroaniline	252.3	13	332	0	76.0	45 - 138	250.7	0.642	30	
2-Nitrophenol	247.3	13	332	0	74.5	45 - 125	260.7	5.26	30	
3&4-Methylphenol	241.5	13	332	0	72.7	45 - 120	231.4	4.26	30	
3,3'-Dichlorobenzidine	341.2	13	332	0	103	15 - 120	326.7	4.34	30	
3-Nitroaniline	281.4	13	332	0	84.8	40 - 120	287.4	2.11	30	
4,6-Dinitro-2-methylphenol	302.5	13	332	0	91.1	15 - 135	299.2	1.09	30	
4-Bromophenyl phenyl ether	237.3	13	332	0	71.5	50 - 125	241.1	1.59	30	
4-Chloro-3-methylphenol	250.6	13	332	0	75.5	45 - 130	250.7	0.0329	30	
4-Chloroaniline	255	13	332	0	76.8	20 - 120	252.6	0.967	30	
4-Chlorophenyl phenyl ether	203.6	13	332	0	61.3	50 - 120	215.1	5.47	30	
4-Nitroaniline	260.9	13	332	0	78.6	50 - 127	263.5	0.998	30	
4-Nitrophenol	252.3	26	332	0	76.0	40 - 147	273.4	8.04	30	
Acenaphthene	210.9	6.6	332	0	63.5	50 - 120	216.8	2.76	30	
Acenaphthylene	196.6	6.6	332	0	59.2	50 - 120	200.9	2.17	30	
Acetophenone	207.9	13	332	0	62.6	50 - 120	222.9	6.98	30	
Anthracene	245.1	6.6	332	0	73.8	50 - 123	242.7	0.984	30	
Atrazine	282.8	13	332	0	85.2	29 - 148	283.5	0.245	30	
Benz(a)anthracene	250.4	6.6	332	3.9	74.2	50 - 131	255.4	2	30	
Benzaldehyde	122.1	13	332	0	36.8	22 - 129	115.3	5.69	30	
Benzo(a)pyrene	261.1	6.6	332	0	78.6	50 - 130	275.6	5.42	30	
Benzo(b)fluoranthene	283.7	6.6	332	0	85.4	50 - 137	289.9	2.18	30	
Benzo(g,h,i)perylene	257	6.6	332	0	77.4	50 - 130	263.9	2.63	30	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: 104799		Instrument: SV-7		Method: SW8270						
MSD	Sample ID: HS16051317-21MSD	Units: ug/Kg			Analysis Date: 07-Jun-2016 22:09					
Client ID: DPTS-120	Run ID: SV-7_275968	SeqNo: 3715913	PrepDate: 31-May-2016	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	258.1	6.6	332	0	77.8	50 - 143	258	0.0579	30	
Bis(2-chloroethoxy)methane	226.9	13	332	0	68.3	50 - 120	239.8	5.52	30	
Bis(2-chloroethyl)ether	244.1	13	332	0	73.5	45 - 127	227.9	6.84	30	
Bis(2-chloroisopropyl)ether	219.9	13	332	0	66.2	50 - 120	209	5.07	30	
Bis(2-ethylhexyl)phthalate	299.4	13	332	0	90.2	21 - 148	316.3	5.5	30	
Butyl benzyl phthalate	296.6	13	332	0	89.3	50 - 136	316.9	6.61	30	
Caprolactam	234.1	13	332	0	70.5	50 - 135	69.8	108	30	R
Carbazole	286.6	13	332	0	86.3	50 - 143	284.8	0.624	30	
Chrysene	270.3	6.6	332	3.893	80.3	50 - 130	258.9	4.31	30	
Dibenz(a,h)anthracene	282.1	6.6	332	0	85.0	50 - 130	292.3	3.56	30	
Dibenzofuran	205	6.6	332	0	61.7	50 - 125	204.8	0.0942	30	
Diethyl phthalate	219.9	13	332	0	66.2	50 - 125	226.7	3.05	30	
Dimethyl phthalate	210.5	13	332	0	63.4	50 - 125	214.9	2.04	30	
Di-n-butyl phthalate	267.7	13	332	0	80.6	50 - 140	295.8	9.98	30	
Di-n-octyl phthalate	275.4	13	332	0	82.9	50 - 140	301.8	9.15	30	
Fluoranthene	268	6.6	332	7.101	78.6	50 - 131	282.9	5.4	30	
Fluorene	209.4	6.6	332	0	63.1	50 - 125	214.6	2.45	30	
Hexachlorobenzene	239.5	13	332	0	72.1	50 - 124	238.9	0.262	30	
Hexachlorobutadiene	245.8	13	332	0	74.0	50 - 125	233.7	5.07	30	
Hexachlorocyclopentadiene	195.3	13	332	0	58.8	45 - 135	193.1	1.16	30	
Hexachloroethane	226.6	13	332	0	68.2	45 - 125	213.7	5.86	30	
Indeno(1,2,3-cd)pyrene	257.7	6.6	332	0	77.6	45 - 139	289.5	11.6	30	
Isophorone	228.7	13	332	0	68.9	45 - 130	238.9	4.34	30	
Naphthalene	223.3	6.6	332	0	67.3	50 - 125	223.3	0.0129	30	
Nitrobenzene	219.8	13	332	0	66.2	50 - 125	245.1	10.9	30	
N-Nitrosodi-n-propylamine	235.7	13	332	0	71.0	45 - 120	226.3	4.04	30	
N-Nitrosodiphenylamine	250.1	13	332	0	75.3	50 - 130	248.5	0.64	30	
Pentachlorophenol	247.4	13	332	0	74.5	23 - 136	252.7	2.09	30	
Phenanthrene	235.1	6.6	332	3.878	69.6	50 - 125	243.3	3.45	30	
Phenol	269.3	13	332	0	81.1	45 - 130	214.3	22.8	30	
Pyrene	268.9	6.6	332	5.94	79.2	45 - 130	267.6	0.475	30	
Surr: 2,4,6-Tribromophenol	235.9	0	332	0	71.1	36 - 126	236.7	0.35	30	
Surr: 2-Fluorobiphenyl	187.4	0	332	0	56.5	43 - 125	186.2	0.649	30	
Surr: 2-Fluorophenol	237.2	0	332	0	71.4	37 - 125	221.2	6.99	30	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

**Batch ID:** 104799      **Instrument:** SV-7      **Method:** SW8270

MSD		Sample ID: HS16051317-21MSD		Units: ug/Kg		Analysis Date: 07-Jun-2016 22:09				
Client ID: DPTS-120		Run ID: SV-7_275968		SeqNo: 3715913		PrepDate: 31-May-2016		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 4-Terphenyl-d14	244.2	0	332	0	73.6	32 - 125	240.5	1.55	30	
Surr: Nitrobenzene-d5	214.8	0	332	0	64.7	37 - 125	231.6	7.55	30	
Surr: Phenol-d6	239.7	0	332	0	72.2	40 - 125	225.8	5.98	30	

**The following samples were analyzed in this batch:**

HS16051317-20	HS16051317-21	HS16051317-22	HS16051317-23
HS16051317-24	HS16051317-25	HS16051317-26	HS16051317-27
HS16051317-29	HS16051317-30	HS16051317-31	HS16051317-32
HS16051317-33	HS16051317-36	HS16051317-37	HS16051317-38
HS16051317-39	HS16051317-49	HS16051317-50	HS16051317-51

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275272		Instrument: VOA5		Method: SW8260						
MBLK	Sample ID: VBLKS1-052916	Units: ug/Kg			Analysis Date: 29-May-2016 09:17					
Client ID:	Run ID: VOA5_275272	SeqNo: 3703537		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trichlorobenzene	U	5.0								
1,2-Dibromo-3-chloropropane	U	5.0								
1,2-Dibromoethane	U	5.0								
1,2-Dichlorobenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3-Dichlorobenzene	U	5.0								
1,4-Dichlorobenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	20								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Cyclohexane	U	5.0								
Dibromochloromethane	U	5.0								
Dichlorodifluoromethane	U	5.0								
Ethylbenzene	U	5.0								

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275272		Instrument: VOA5		Method: SW8260						
MBLK	Sample ID: VBLKS1-052916	Units: ug/Kg			Analysis Date: 29-May-2016 09:17					
Client ID:	Run ID: VOA5_275272	SeqNo: 3703537		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl acetate	U	5.0								
Methyl tert-butyl ether	U	5.0								
Methylcyclohexane	U	5.0								
Methylene chloride	U	10								
o-Xylene	U	5.0								
Styrene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Trichlorofluoromethane	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	10								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>42.71</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>85.4</i>	<i>70 - 128</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>47.92</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>95.8</i>	<i>73 - 126</i>				
<i>Surr: Dibromofluoromethane</i>	<i>47.75</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>95.5</i>	<i>71 - 128</i>				
<i>Surr: Toluene-d8</i>	<i>50.55</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>73 - 127</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275272		Instrument: VOA5		Method: SW8260						
LCS	Sample ID: VLCSS1-052916	Units: ug/Kg			Analysis Date: 29-May-2016 08:30					
Client ID:	Run ID: VOA5_275272	SeqNo: 3703536		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	54.91	5.0	50	0	110	79 - 128				
1,1,2,2-Tetrachloroethane	51.1	5.0	50	0	102	75 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	52.6	5.0	50	0	105	76 - 127				
1,1,2-Trichloroethane	52.48	5.0	50	0	105	77 - 120				
1,1-Dichloroethane	54.06	5.0	50	0	108	75 - 124				
1,1-Dichloroethene	56.57	5.0	50	0	113	76 - 128				
1,2,4-Trichlorobenzene	54.85	5.0	50	0	110	74 - 128				
1,2-Dibromo-3-chloropropane	53.04	5.0	50	0	106	66 - 129				
1,2-Dibromoethane	52.81	5.0	50	0	106	70 - 120				
1,2-Dichlorobenzene	54.26	5.0	50	0	109	75 - 120				
1,2-Dichloroethane	52.11	5.0	50	0	104	73 - 121				
1,2-Dichloropropane	51.54	5.0	50	0	103	75 - 124				
1,3-Dichlorobenzene	53.96	5.0	50	0	108	70 - 125				
1,4-Dichlorobenzene	53.96	5.0	50	0	108	77 - 120				
2-Butanone	98.22	10	100	0	98.2	65 - 130				
2-Hexanone	109.1	10	100	0	109	65 - 133				
4-Methyl-2-pentanone	103.1	10	100	0	103	69 - 130				
Acetone	101.8	20	100	0	102	53 - 142				
Benzene	53.8	5.0	50	0	108	79 - 122				
Bromodichloromethane	53.13	5.0	50	0	106	79 - 121				
Bromoform	52.21	5.0	50	0	104	74 - 125				
Bromomethane	54.94	10	50	0	110	68 - 131				
Carbon disulfide	111.6	10	100	0	112	78 - 131				
Carbon tetrachloride	55.78	5.0	50	0	112	74 - 126				
Chlorobenzene	53.61	5.0	50	0	107	79 - 120				
Chloroethane	54.48	10	50	0	109	74 - 126				
Chloroform	52.85	5.0	50	0	106	78 - 122				
Chloromethane	53.03	10	50	0	106	69 - 129				
cis-1,2-Dichloroethene	53.54	5.0	50	0	107	78 - 122				
cis-1,3-Dichloropropene	53.6	5.0	50	0	107	77 - 123				
Cyclohexane	51.55	5.0	50	0	103	74 - 126				
Dibromochloromethane	54.11	5.0	50	0	108	78 - 122				
Dichlorodifluoromethane	53.27	5.0	50	0	107	57 - 140				
Ethylbenzene	54.35	5.0	50	0	109	80 - 122				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275272		Instrument: VOA5		Method: SW8260						
LCS	Sample ID: VLCSS1-052916	Units: ug/Kg			Analysis Date: 29-May-2016 08:30					
Client ID:	Run ID: VOA5_275272	SeqNo: 3703536		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	54.87	5.0	50	0	110	72 - 127				
m,p-Xylene	109.4	10	100	0	109	79 - 122				
Methyl acetate	49.93	5.0	50	0	99.9	69 - 123				
Methyl tert-butyl ether	51.76	5.0	50	0	104	76 - 124				
Methylcyclohexane	51.24	5.0	50	0	102	77 - 127				
Methylene chloride	52.58	10	50	0	105	65 - 130				
o-Xylene	54.34	5.0	50	0	109	80 - 123				
Styrene	54.02	5.0	50	0	108	78 - 124				
Tetrachloroethene	50.96	5.0	50	0	102	70 - 130				
Toluene	54.27	5.0	50	0	109	79 - 120				
trans-1,2-Dichloroethene	54	5.0	50	0	108	79 - 122				
trans-1,3-Dichloropropene	54.46	5.0	50	0	109	77 - 120				
Trichloroethene	53.49	5.0	50	0	107	75 - 123				
Trichlorofluoromethane	53.72	5.0	50	0	107	75 - 126				
Vinyl chloride	56.46	2.0	50	0	113	76 - 126				
Xylenes, Total	163.7	10	150	0	109	80 - 120				
Surr: 1,2-Dichloroethane-d4	47.01	0	50	0	94.0	70 - 128				
Surr: 4-Bromofluorobenzene	48.06	0	50	0	96.1	73 - 126				
Surr: Dibromofluoromethane	47.23	0	50	0	94.5	71 - 128				
Surr: Toluene-d8	48.25	0	50	0	96.5	73 - 127				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275272		Instrument: VOA5		Method: SW8260						
MS	Sample ID: HS16051345-01MS	Units: ug/Kg			Analysis Date: 29-May-2016 10:51					
Client ID:	Run ID: VOA5_275272	SeqNo: 3703541	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	43.38	4.0	39.5	0	110	79 - 128				
1,1,2,2-Tetrachloroethane	38.89	4.0	39.5	0	98.5	75 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	40.5	4.0	39.5	0	103	76 - 127				
1,1,2-Trichloroethane	41.56	4.0	39.5	0	105	77 - 120				
1,1-Dichloroethane	42.56	4.0	39.5	0	108	75 - 124				
1,1-Dichloroethene	43.53	4.0	39.5	0	110	76 - 128				
1,2,4-Trichlorobenzene	33.15	4.0	39.5	0	83.9	74 - 128				
1,2-Dibromo-3-chloropropane	34.42	4.0	39.5	0	87.1	66 - 129				
1,2-Dibromoethane	41.04	4.0	39.5	0	104	70 - 120				
1,2-Dichlorobenzene	39.19	4.0	39.5	0	99.2	75 - 120				
1,2-Dichloroethane	40.83	4.0	39.5	0	103	73 - 121				
1,2-Dichloropropane	41.23	4.0	39.5	0	104	75 - 124				
1,3-Dichlorobenzene	39.33	4.0	39.5	0	99.6	70 - 125				
1,4-Dichlorobenzene	39.33	4.0	39.5	0	99.6	77 - 120				
2-Butanone	78.08	7.9	79	0	98.8	65 - 130				
2-Hexanone	77.89	7.9	79	0	98.6	65 - 133				
4-Methyl-2-pentanone	79.22	7.9	79	0	100	69 - 130				
Acetone	94.42	16	79	0	120	53 - 142				
Benzene	43.98	4.0	39.5	0	111	79 - 122				
Bromodichloromethane	42.13	4.0	39.5	0	107	79 - 121				
Bromoform	39.3	4.0	39.5	0	99.5	74 - 125				
Bromomethane	43.71	7.9	39.5	0	111	68 - 131				
Carbon disulfide	79.83	7.9	79	0	101	78 - 131				
Carbon tetrachloride	43.22	4.0	39.5	0	109	74 - 126				
Chlorobenzene	42.27	4.0	39.5	0	107	79 - 120				
Chloroethane	43.11	7.9	39.5	0	109	74 - 126				
Chloroform	42.83	4.0	39.5	0	108	78 - 122				
Chloromethane	42.46	7.9	39.5	0	107	69 - 129				
cis-1,2-Dichloroethene	42.67	4.0	39.5	0	108	78 - 122				
cis-1,3-Dichloropropene	41.07	4.0	39.5	0	104	77 - 123				
Cyclohexane	40.27	4.0	39.5	0	102	74 - 126				
Dibromochloromethane	42.44	4.0	39.5	0	107	78 - 122				
Dichlorodifluoromethane	42	4.0	39.5	0	106	57 - 140				
Ethylbenzene	43.44	4.0	39.5	0	110	80 - 122				

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275272		Instrument: VOA5		Method: SW8260						
MS	Sample ID: HS16051345-01MS	Units: ug/Kg			Analysis Date: 29-May-2016 10:51					
Client ID:	Run ID: VOA5_275272	SeqNo: 3703541		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	43.5	4.0	39.5	0	110	72 - 127				
m,p-Xylene	87.24	7.9	79	0	110	79 - 122				
Methyl acetate	38.22	4.0	39.5	0	96.8	69 - 123				
Methyl tert-butyl ether	39.95	4.0	39.5	0	101	76 - 124				
Methylcyclohexane	39.39	4.0	39.5	0	99.7	77 - 127				
Methylene chloride	42.18	7.9	39.5	0	107	65 - 130				
o-Xylene	42.91	4.0	39.5	0	109	80 - 123				
Styrene	41.91	4.0	39.5	0	106	78 - 124				
Tetrachloroethene	39.97	4.0	39.5	0	101	70 - 130				
Toluene	43.87	4.0	39.5	0	111	79 - 120				
trans-1,2-Dichloroethene	42.61	4.0	39.5	0	108	79 - 122				
trans-1,3-Dichloropropene	40.6	4.0	39.5	0	103	77 - 120				
Trichloroethene	43.53	4.0	39.5	0	110	75 - 123				
Trichlorofluoromethane	41.72	4.0	39.5	0	106	75 - 126				
Vinyl chloride	43.66	1.6	39.5	0	111	76 - 126				
Xylenes, Total	130.1	7.9	118.5	0	110	80 - 120				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>36.61</i>	<i>0</i>	<i>39.5</i>	<i>0</i>	<i>92.7</i>	<i>70 - 128</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>39.6</i>	<i>0</i>	<i>39.5</i>	<i>0</i>	<i>100</i>	<i>73 - 126</i>				
<i>Surr: Dibromofluoromethane</i>	<i>37.73</i>	<i>0</i>	<i>39.5</i>	<i>0</i>	<i>95.5</i>	<i>71 - 128</i>				
<i>Surr: Toluene-d8</i>	<i>39.48</i>	<i>0</i>	<i>39.5</i>	<i>0</i>	<i>100.0</i>	<i>73 - 127</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275272		Instrument: VOA5		Method: SW8260						
MSD	Sample ID: HS16051345-01MSD	Units: ug/Kg			Analysis Date: 29-May-2016 11:14					
Client ID:	Run ID: VOA5_275272	SeqNo: 3703542	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	47.4	4.1	41	0	116	79 - 128	43.38	8.86	30	
1,1,2,2-Tetrachloroethane	50.74	4.1	41	0	124	75 - 123	38.89	26.4	30	S
1,1,2-Trichlor-1,2,2-trifluoroethane	42.7	4.1	41	0	104	76 - 127	40.5	5.31	30	
1,1,2-Trichloroethane	46.3	4.1	41	0	113	77 - 120	41.56	10.8	30	
1,1-Dichloroethane	46.2	4.1	41	0	113	75 - 124	42.56	8.21	30	
1,1-Dichloroethene	45.94	4.1	41	0	112	76 - 128	43.53	5.39	30	
1,2,4-Trichlorobenzene	41.22	4.1	41	0	101	74 - 128	33.15	21.7	30	
1,2-Dibromo-3-chloropropane	40.59	4.1	41	0	99.0	66 - 129	34.42	16.4	30	
1,2-Dibromoethane	47.75	4.1	41	0	116	70 - 120	41.04	15.1	30	
1,2-Dichlorobenzene	47.51	4.1	41	0	116	75 - 120	39.19	19.2	30	
1,2-Dichloroethane	43.5	4.1	41	0	106	73 - 121	40.83	6.33	30	
1,2-Dichloropropane	44.87	4.1	41	0	109	75 - 124	41.23	8.46	30	
1,3-Dichlorobenzene	46.64	4.1	41	0	114	70 - 125	39.33	17	30	
1,4-Dichlorobenzene	46.64	4.1	41	0	114	77 - 120	39.33	17	30	
2-Butanone	104.3	8.2	82	0	127	65 - 130	78.08	28.7	30	
2-Hexanone	115.5	8.2	82	0	141	65 - 133	77.89	38.9	30	SR
4-Methyl-2-pentanone	105.4	8.2	82	0	129	69 - 130	79.22	28.4	30	
Acetone	120	16	82	0	146	53 - 142	94.42	23.8	30	S
Benzene	46.98	4.1	41	0	115	79 - 122	43.98	6.6	30	
Bromodichloromethane	46.18	4.1	41	0	113	79 - 121	42.13	9.17	30	
Bromoform	46.22	4.1	41	0	113	74 - 125	39.3	16.2	30	
Bromomethane	49.73	8.2	41	0	121	68 - 131	43.71	12.9	30	
Carbon disulfide	87.16	8.2	82	0	106	78 - 131	79.83	8.78	30	
Carbon tetrachloride	46.19	4.1	41	0	113	74 - 126	43.22	6.64	30	
Chlorobenzene	47.08	4.1	41	0	115	79 - 120	42.27	10.8	30	
Chloroethane	46.15	8.2	41	0	113	74 - 126	43.11	6.81	30	
Chloroform	46.45	4.1	41	0	113	78 - 122	42.83	8.1	30	
Chloromethane	45.07	8.2	41	0	110	69 - 129	42.46	5.97	30	
cis-1,2-Dichloroethene	46.04	4.1	41	0	112	78 - 122	42.67	7.6	30	
cis-1,3-Dichloropropene	45.45	4.1	41	0	111	77 - 123	41.07	10.1	30	
Cyclohexane	41.86	4.1	41	0	102	74 - 126	40.27	3.87	30	
Dibromochloromethane	47.4	4.1	41	0	116	78 - 122	42.44	11	30	
Dichlorodifluoromethane	44.34	4.1	41	0	108	57 - 140	42	5.41	30	
Ethylbenzene	47.7	4.1	41	0	116	80 - 122	43.44	9.35	30	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

**Batch ID:** R275272      **Instrument:** VOA5      **Method:** SW8260

MSD	Sample ID: HS16051345-01MSD	Units: ug/Kg				Analysis Date: 29-May-2016 11:14				
Client ID:	Run ID: VOA5_275272	SeqNo: 3703542	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	48.89	4.1	41	0	119	72 - 127	43.5	11.7	30	
m,p-Xylene	96.6	8.2	82	0	118	79 - 122	87.24	10.2	30	
Methyl acetate	45.98	4.1	41	0	112	69 - 123	38.22	18.4	30	
Methyl tert-butyl ether	45.57	4.1	41	0	111	76 - 124	39.95	13.1	30	
Methylcyclohexane	42.63	4.1	41	0	104	77 - 127	39.39	7.89	30	
Methylene chloride	46.72	8.2	41	0	114	65 - 130	42.18	10.2	30	
o-Xylene	47.45	4.1	41	0	116	80 - 123	42.91	10.1	30	
Styrene	46.68	4.1	41	0	114	78 - 124	41.91	10.8	30	
Tetrachloroethene	44.2	4.1	41	0	108	70 - 130	39.97	10	30	
Toluene	47.83	4.1	41	0	117	79 - 120	43.87	8.64	30	
trans-1,2-Dichloroethene	45.41	4.1	41	0	111	79 - 122	42.61	6.36	30	
trans-1,3-Dichloropropene	44.96	4.1	41	0	110	77 - 120	40.6	10.2	30	
Trichloroethene	46.78	4.1	41	0	114	75 - 123	43.53	7.2	30	
Trichlorofluoromethane	43.47	4.1	41	0	106	75 - 126	41.72	4.1	30	
Vinyl chloride	46.74	1.6	41	0	114	76 - 126	43.66	6.82	30	
Xylenes, Total	144	8.2	123	0	117	80 - 120	130.1	10.1	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	36.96	0	41	0	90.2	70 - 128	36.61	0.953	30	
<i>Surr: 4-Bromofluorobenzene</i>	39.62	0	41	0	96.6	73 - 126	39.6	0.0316	30	
<i>Surr: Dibromofluoromethane</i>	38.35	0	41	0	93.5	71 - 128	37.73	1.63	30	
<i>Surr: Toluene-d8</i>	40.56	0	41	0	98.9	73 - 127	39.48	2.69	30	

The following samples were analyzed in this batch:

HS16051317-10	HS16051317-11	HS16051317-12	HS16051317-13
HS16051317-14	HS16051317-15	HS16051317-16	HS16051317-17
HS16051317-18	HS16051317-28	HS16051317-30	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

<b>Batch ID: R275284</b>		<b>Instrument: VOA6</b>		<b>Method: SW8260</b>					
<b>MBLK</b>	Sample ID: <b>VBLKW-160530</b>	Units: <b>ug/L</b>			Analysis Date: <b>30-May-2016 12:28</b>				
Client ID:	Run ID: <b>VOA6_275284</b>	SeqNo: <b>3703754</b>		PrepDate:		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

1,1,1-Trichloroethane	U	1.0							
1,1,2,2-Tetrachloroethane	U	1.0							
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0							
1,1,2-Trichloroethane	U	1.0							
1,1-Dichloroethane	U	1.0							
1,1-Dichloroethene	U	1.0							
1,2,4-Trichlorobenzene	U	1.0							
1,2-Dibromo-3-chloropropane	U	1.0							
1,2-Dibromoethane	U	1.0							
1,2-Dichlorobenzene	U	1.0							
1,2-Dichloroethane	U	1.0							
1,2-Dichloropropane	U	1.0							
1,3-Dichlorobenzene	U	1.0							
1,4-Dichlorobenzene	U	1.0							
2-Butanone	U	2.0							
2-Hexanone	U	2.0							
4-Methyl-2-pentanone	U	2.0							
Acetone	U	2.0							
Benzene	U	1.0							
Bromodichloromethane	U	1.0							
Bromoform	U	1.0							
Bromomethane	U	1.0							
Carbon disulfide	U	2.0							
Carbon tetrachloride	U	1.0							
Chlorobenzene	U	1.0							
Chloroethane	U	1.0							
Chloroform	U	1.0							
Chloromethane	U	1.0							
cis-1,2-Dichloroethene	U	1.0							
cis-1,3-Dichloropropene	U	1.0							
Cyclohexane	U	1.0							
Dibromochloromethane	U	1.0							
Dichlorodifluoromethane	U	1.0							
Ethylbenzene	U	1.0							

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275284		Instrument: VOA6		Method: SW8260						
MBLK	Sample ID: VBLKW-160530	Units: ug/L			Analysis Date: 30-May-2016 12:28					
Client ID:	Run ID: VOA6_275284	SeqNo: 3703754		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	1.0								
m,p-Xylene	U	2.0								
Methyl acetate	U	1.0								
Methyl tert-butyl ether	U	1.0								
Methylcyclohexane	U	1.0								
Methylene chloride	U	2.0								
o-Xylene	U	1.0								
Styrene	U	1.0								
Tetrachloroethene	U	1.0								
Toluene	U	1.0								
trans-1,2-Dichloroethene	U	1.0								
trans-1,3-Dichloropropene	U	1.0								
Trichloroethene	U	1.0								
Trichlorofluoromethane	U	1.0								
Vinyl chloride	U	1.0								
Xylenes, Total	U	3.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>49.08</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.2</i>	<i>71 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>47.41</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>94.8</i>	<i>70 - 125</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.94</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.9</i>	<i>74 - 125</i>				
<i>Surr: Toluene-d8</i>	<i>48.79</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.6</i>	<i>75 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275284		Instrument: VOA6			Method: SW8260					
LCS	Sample ID: VLCSW-160530	Units: ug/L			Analysis Date: 30-May-2016 11:17					
Client ID:	Run ID: VOA6_275284	SeqNo: 3703753			PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45.07	1.0	50	0	90.1	75 - 130				
1,1,2,2-Tetrachloroethane	41.35	1.0	50	0	82.7	74 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	46.03	1.0	50	0	92.1	70 - 130				
1,1,2-Trichloroethane	43.86	1.0	50	0	87.7	80 - 120				
1,1-Dichloroethane	43.89	1.0	50	0	87.8	76 - 120				
1,1-Dichloroethene	45.22	1.0	50	0	90.4	75 - 130				
1,2,4-Trichlorobenzene	45.2	1.0	50	0	90.4	75 - 126				
1,2-Dibromo-3-chloropropane	40.01	1.0	50	0	80.0	65 - 125				
1,2-Dibromoethane	46.08	1.0	50	0	92.2	80 - 121				
1,2-Dichlorobenzene	44.15	1.0	50	0	88.3	80 - 120				
1,2-Dichloroethane	45.81	1.0	50	0	91.6	76 - 120				
1,2-Dichloropropane	44.34	1.0	50	0	88.7	80 - 120				
1,3-Dichlorobenzene	44.24	1.0	50	0	88.5	80 - 120				
1,4-Dichlorobenzene	42.81	1.0	50	0	85.6	80 - 120				
2-Butanone	84.06	2.0	100	0	84.1	60 - 140				
2-Hexanone	79.8	2.0	100	0	79.8	60 - 131				
4-Methyl-2-pentanone	81.43	2.0	100	0	81.4	60 - 135				
Acetone	93.79	2.0	100	0	93.8	60 - 140				
Benzene	44.78	1.0	50	0	89.6	75 - 122				
Bromodichloromethane	44.7	1.0	50	0	89.4	75 - 125				
Bromoform	44.74	1.0	50	0	89.5	70 - 130				
Bromomethane	49.68	1.0	50	0	99.4	60 - 140				
Carbon disulfide	91.23	2.0	100	0	91.2	70 - 130				
Carbon tetrachloride	44.01	1.0	50	0	88.0	75 - 125				
Chlorobenzene	44.72	1.0	50	0	89.4	80 - 120				
Chloroethane	44.16	1.0	50	0	88.3	70 - 130				
Chloroform	45.94	1.0	50	0	91.9	70 - 130				
Chloromethane	45.2	1.0	50	0	90.4	65 - 130				
cis-1,2-Dichloroethene	45.93	1.0	50	0	91.9	75 - 125				
cis-1,3-Dichloropropene	44.53	1.0	50	0	89.1	79 - 125				
Cyclohexane	44.63	1.0	50	0	89.3	70 - 130				
Dibromochloromethane	45.03	1.0	50	0	90.1	70 - 130				
Dichlorodifluoromethane	47.65	1.0	50	0	95.3	60 - 140				
Ethylbenzene	44.82	1.0	50	0	89.6	80 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275284		Instrument: VOA6		Method: SW8260						
<b>LCS</b>	Sample ID: <b>VLCSW-160530</b>	Units: <b>ug/L</b>			Analysis Date: <b>30-May-2016 11:17</b>					
Client ID:	Run ID: <b>VOA6_275284</b>	SeqNo: <b>3703753</b>		PrepDate:			DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	43.83	1.0	50	0	87.7	75 - 130				
m,p-Xylene	87.97	2.0	100	0	88.0	80 - 120				
Methyl acetate	44.39	1.0	50	0	88.8	76 - 122				
Methyl tert-butyl ether	46.29	1.0	50	0	92.6	70 - 130				
Methylcyclohexane	46.41	1.0	50	0	92.8	70 - 126				
Methylene chloride	49.24	2.0	50	0	98.5	65 - 133				
o-Xylene	44.27	1.0	50	0	88.5	80 - 120				
Styrene	45.49	1.0	50	0	91.0	78 - 122				
Tetrachloroethene	44.82	1.0	50	0	89.6	75 - 130				
Toluene	44.24	1.0	50	0	88.5	75 - 121				
trans-1,2-Dichloroethene	46.38	1.0	50	0	92.8	75 - 125				
trans-1,3-Dichloropropene	44.48	1.0	50	0	89.0	76 - 125				
Trichloroethene	47.24	1.0	50	0	94.5	71 - 125				
Trichlorofluoromethane	46.38	1.0	50	0	92.8	67 - 132				
Vinyl chloride	44.87	1.0	50	0	89.7	70 - 135				
Xylenes, Total	132.2	3.0	150	0	88.2	79 - 124				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>47.14</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>94.3</i>	<i>71 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.58</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>99.2</i>	<i>70 - 125</i>				
<i>Surr: Dibromofluoromethane</i>	<i>49.06</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.1</i>	<i>74 - 125</i>				
<i>Surr: Toluene-d8</i>	<i>48.74</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.5</i>	<i>75 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275284		Instrument: VOA6		Method: SW8260						
MS	Sample ID: HS16051096-03MS	Units: ug/L			Analysis Date: 30-May-2016 13:16					
Client ID:	Run ID: VOA6_275284	SeqNo: 3703779	PrepDate:	DF: 10						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	461.3	10	500	0	92.3	75 - 130				
1,1,2,2-Tetrachloroethane	414.2	10	500	0	82.8	74 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	492.2	10	500	0	98.4	70 - 130				
1,1,2-Trichloroethane	444.2	10	500	0	88.8	80 - 120				
1,1-Dichloroethane	446.8	10	500	0	89.4	76 - 120				
1,1-Dichloroethene	461.2	10	500	0	92.2	75 - 130				
1,2,4-Trichlorobenzene	417.7	10	500	0	83.5	75 - 126				
1,2-Dibromo-3-chloropropane	386.3	10	500	0	77.3	65 - 125				
1,2-Dibromoethane	461.9	10	500	0	92.4	80 - 121				
1,2-Dichlorobenzene	442.7	10	500	0	88.5	80 - 120				
1,2-Dichloroethane	468.5	10	500	0	93.7	76 - 120				
1,2-Dichloropropane	463.5	10	500	0	92.7	80 - 120				
1,3-Dichlorobenzene	433.7	10	500	0	86.7	80 - 120				
1,4-Dichlorobenzene	425.5	10	500	0	85.1	80 - 120				
2-Butanone	822.2	20	1000	0	82.2	60 - 140				
2-Hexanone	818.3	20	1000	0	81.8	60 - 131				
4-Methyl-2-pentanone	840.2	20	1000	0	84.0	60 - 135				
Acetone	903.4	20	1000	0	90.3	60 - 140				
Benzene	457.1	10	500	0	91.4	75 - 122				
Bromodichloromethane	467.6	10	500	0	93.5	75 - 125				
Bromoform	446.9	10	500	0	89.4	70 - 130				
Bromomethane	489.1	10	500	0	97.8	60 - 140				
Carbon disulfide	953.4	20	1000	0	95.3	70 - 130				
Carbon tetrachloride	451.3	10	500	0	90.3	79 - 120				
Chlorobenzene	449.5	10	500	0	89.9	80 - 120				
Chloroethane	396	10	500	0	79.2	70 - 130				
Chloroform	465.9	10	500	0	93.2	70 - 130				
Chloromethane	426.9	10	500	0	85.4	65 - 130				
cis-1,2-Dichloroethene	462.1	10	500	0	92.4	75 - 125				
cis-1,3-Dichloropropene	455.6	10	500	0	91.1	79 - 125				
Cyclohexane	477.1	10	500	0	95.4	70 - 130				
Dibromochloromethane	469.5	10	500	0	93.9	70 - 130				
Dichlorodifluoromethane	488.2	10	500	0	97.6	60 - 140				
Ethylbenzene	474.7	10	500	34.25	88.1	80 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275284		Instrument: VOA6		Method: SW8260						
MS	Sample ID: HS16051096-03MS	Units: ug/L			Analysis Date: 30-May-2016 13:16					
Client ID:	Run ID: VOA6_275284	SeqNo: 3703779		PrepDate:		DF: 10				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	604.2	10	500	177.6	85.3	75 - 130				
m,p-Xylene	1001	20	1000	140.7	86.0	80 - 120				
Methyl acetate	438.7	10	500	0	87.7	76 - 122				
Methyl tert-butyl ether	424.1	10	500	0	84.8	70 - 130				
Methylcyclohexane	432.7	10	500	0	86.5	70 - 126				
Methylene chloride	504.1	20	500	0	101	65 - 133				
o-Xylene	1507	10	500	1156	70.2	80 - 120				S
Styrene	481.3	10	500	0	96.3	78 - 122				
Tetrachloroethene	446	10	500	0	89.2	75 - 130				
Toluene	446.4	10	500	0	89.3	75 - 121				
trans-1,2-Dichloroethene	462.4	10	500	0	92.5	75 - 125				
trans-1,3-Dichloropropene	448.4	10	500	0	89.7	76 - 125				
Trichloroethene	467.4	10	500	0	93.5	71 - 125				
Trichlorofluoromethane	491.3	10	500	0	98.3	67 - 132				
Vinyl chloride	461.7	10	500	0	92.3	70 - 135				
Xylenes, Total	2508	30	1500	1297	80.8	80 - 124				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>467.3</i>	<i>10</i>	<i>500</i>	<i>0</i>	<i>93.5</i>	<i>71 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>486.9</i>	<i>10</i>	<i>500</i>	<i>0</i>	<i>97.4</i>	<i>70 - 125</i>				
<i>Surr: Dibromofluoromethane</i>	<i>476.5</i>	<i>10</i>	<i>500</i>	<i>0</i>	<i>95.3</i>	<i>74 - 125</i>				
<i>Surr: Toluene-d8</i>	<i>479</i>	<i>10</i>	<i>500</i>	<i>0</i>	<i>95.8</i>	<i>75 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275284		Instrument: VOA6		Method: SW8260						
MSD	Sample ID: HS16051096-03MSD	Units: ug/L			Analysis Date: 30-May-2016 13:40					
Client ID:	Run ID: VOA6_275284	SeqNo: 3703780		PrepDate:		DF: 10				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	439	10	500	0	87.8	75 - 130	461.3	4.95	20	
1,1,2,2-Tetrachloroethane	410.4	10	500	0	82.1	74 - 123	414.2	0.92	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	437.5	10	500	0	87.5	70 - 130	492.2	11.8	20	
1,1,2-Trichloroethane	446.8	10	500	0	89.4	80 - 120	444.2	0.579	20	
1,1-Dichloroethane	437.3	10	500	0	87.5	76 - 120	446.8	2.14	20	
1,1-Dichloroethene	440.6	10	500	0	88.1	75 - 130	461.2	4.56	20	
1,2,4-Trichlorobenzene	428.6	10	500	0	85.7	75 - 126	417.7	2.58	20	
1,2-Dibromo-3-chloropropane	404.2	10	500	0	80.8	65 - 125	386.3	4.54	20	
1,2-Dibromoethane	462.1	10	500	0	92.4	80 - 121	461.9	0.0471	20	
1,2-Dichlorobenzene	434.5	10	500	0	86.9	80 - 120	442.7	1.85	20	
1,2-Dichloroethane	470.4	10	500	0	94.1	76 - 120	468.5	0.397	20	
1,2-Dichloropropane	461.4	10	500	0	92.3	80 - 120	463.5	0.462	20	
1,3-Dichlorobenzene	426.4	10	500	0	85.3	80 - 120	433.7	1.7	20	
1,4-Dichlorobenzene	422.2	10	500	0	84.4	80 - 120	425.5	0.788	20	
2-Butanone	828.7	20	1000	0	82.9	60 - 140	822.2	0.795	20	
2-Hexanone	845.9	20	1000	0	84.6	60 - 131	818.3	3.31	20	
4-Methyl-2-pentanone	856.7	20	1000	0	85.7	60 - 135	840.2	1.94	20	
Acetone	898.6	20	1000	0	89.9	60 - 140	903.4	0.528	20	
Benzene	443.6	10	500	0	88.7	75 - 122	457.1	3.01	20	
Bromodichloromethane	459.9	10	500	0	92.0	75 - 125	467.6	1.66	20	
Bromoform	445.1	10	500	0	89.0	70 - 130	446.9	0.41	20	
Bromomethane	483.6	10	500	0	96.7	60 - 140	489.1	1.12	20	
Carbon disulfide	905	20	1000	0	90.5	70 - 130	953.4	5.21	20	
Carbon tetrachloride	421	10	500	0	84.2	75 - 125	451.3	6.93	20	
Chlorobenzene	440.2	10	500	0	88.0	80 - 120	449.5	2.1	20	
Chloroethane	388.5	10	500	0	77.7	70 - 130	396	1.91	20	
Chloroform	452.8	10	500	0	90.6	70 - 130	465.9	2.85	20	
Chloromethane	420.4	10	500	0	84.1	65 - 130	426.9	1.55	20	
cis-1,2-Dichloroethene	445.2	10	500	0	89.0	75 - 125	462.1	3.73	20	
cis-1,3-Dichloropropene	450.7	10	500	0	90.1	79 - 125	455.6	1.09	20	
Cyclohexane	439	10	500	0	87.8	70 - 130	477.1	8.31	20	
Dibromochloromethane	461.4	10	500	0	92.3	70 - 130	469.5	1.73	20	
Dichlorodifluoromethane	434.6	10	500	0	86.9	60 - 140	488.2	11.6	20	
Ethylbenzene	463.8	10	500	34.25	85.9	80 - 120	474.7	2.31	20	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275284		Instrument: VOA6		Method: SW8260						
MSD	Sample ID: HS16051096-03MSD	Units: ug/L			Analysis Date: 30-May-2016 13:40					
Client ID:	Run ID: VOA6_275284	SeqNo: 3703780		PrepDate:		DF: 10				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	588.8	10	500	177.6	82.2	75 - 130	604.2	2.57	20	
m,p-Xylene	978.2	20	1000	140.7	83.8	80 - 120	1001	2.31	20	
Methyl acetate	435.4	10	500	0	87.1	76 - 122	438.7	0.758	20	
Methyl tert-butyl ether	436.6	10	500	0	87.3	70 - 130	424.1	2.92	20	
Methylcyclohexane	442.9	10	500	0	88.6	70 - 126	432.7	2.32	20	
Methylene chloride	502	20	500	0	100	65 - 133	504.1	0.412	20	
o-Xylene	1475	10	500	1156	63.9	80 - 120	1507	2.13	20	S
Styrene	474.6	10	500	0	94.9	78 - 122	481.3	1.39	20	
Tetrachloroethene	426.3	10	500	0	85.3	75 - 130	446	4.52	20	
Toluene	431.8	10	500	0	86.4	75 - 121	446.4	3.32	20	
trans-1,2-Dichloroethene	446.9	10	500	0	89.4	75 - 125	462.4	3.41	20	
trans-1,3-Dichloropropene	449.2	10	500	0	89.8	76 - 125	448.4	0.173	20	
Trichloroethene	461.7	10	500	0	92.3	71 - 125	467.4	1.23	20	
Trichlorofluoromethane	451	10	500	0	90.2	67 - 132	491.3	8.56	20	
Vinyl chloride	429.1	10	500	0	85.8	70 - 135	461.7	7.33	20	
Xylenes, Total	2454	30	1500	1297	77.1	80 - 124	2508	2.2	20	S
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>470.1</i>	<i>10</i>	<i>500</i>	<i>0</i>	<i>94.0</i>	<i>71 - 125</i>	<i>467.3</i>	<i>0.578</i>	<i>20</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>491.4</i>	<i>10</i>	<i>500</i>	<i>0</i>	<i>98.3</i>	<i>70 - 125</i>	<i>486.9</i>	<i>0.923</i>	<i>20</i>	
<i>Surr: Dibromofluoromethane</i>	<i>485.2</i>	<i>10</i>	<i>500</i>	<i>0</i>	<i>97.0</i>	<i>74 - 125</i>	<i>476.5</i>	<i>1.8</i>	<i>20</i>	
<i>Surr: Toluene-d8</i>	<i>479.8</i>	<i>10</i>	<i>500</i>	<i>0</i>	<i>96.0</i>	<i>75 - 125</i>	<i>479</i>	<i>0.174</i>	<i>20</i>	

The following samples were analyzed in this batch: HS16051317-19      HS16051317-34      HS16051317-52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275294		Instrument: VOA5		Method: SW8260						
MBLK	Sample ID: VBLKS1-053016	Units: ug/Kg			Analysis Date: 30-May-2016 09:59					
Client ID:	Run ID: VOA5_275294	SeqNo: 3703960		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trichlorobenzene	U	5.0								
1,2-Dibromo-3-chloropropane	U	5.0								
1,2-Dibromoethane	U	5.0								
1,2-Dichlorobenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3-Dichlorobenzene	U	5.0								
1,4-Dichlorobenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	20								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Cyclohexane	U	5.0								
Dibromochloromethane	U	5.0								
Dichlorodifluoromethane	U	5.0								
Ethylbenzene	U	5.0								

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275294		Instrument: VOA5		Method: SW8260						
MBLK	Sample ID: VBLKS1-053016	Units: ug/Kg			Analysis Date: 30-May-2016 09:59					
Client ID:	Run ID: VOA5_275294	SeqNo: 3703960		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl acetate	U	5.0								
Methyl tert-butyl ether	U	5.0								
Methylcyclohexane	U	5.0								
Methylene chloride	U	10								
o-Xylene	U	5.0								
Styrene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Trichlorofluoromethane	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	10								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>45.14</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>90.3</i>	<i>70 - 128</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>48.74</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>97.5</i>	<i>73 - 126</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.39</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>96.8</i>	<i>71 - 128</i>				
<i>Surr: Toluene-d8</i>	<i>50.51</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>73 - 127</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275294		Instrument: VOA5		Method: SW8260						
LCS	Sample ID: VLCSS1-053016	Units: ug/Kg			Analysis Date: 30-May-2016 09:13					
Client ID:	Run ID: VOA5_275294	SeqNo: 3703959		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.75	5.0	50	0	108	79 - 128				
1,1,2,2-Tetrachloroethane	48.92	5.0	50	0	97.8	75 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	51.93	5.0	50	0	104	76 - 127				
1,1,2-Trichloroethane	48.74	5.0	50	0	97.5	77 - 120				
1,1-Dichloroethane	53.2	5.0	50	0	106	75 - 124				
1,1-Dichloroethene	55.4	5.0	50	0	111	76 - 128				
1,2,4-Trichlorobenzene	51.51	5.0	50	0	103	74 - 128				
1,2-Dibromo-3-chloropropane	52.89	5.0	50	0	106	66 - 129				
1,2-Dibromoethane	50.06	5.0	50	0	100	70 - 120				
1,2-Dichlorobenzene	50.96	5.0	50	0	102	75 - 120				
1,2-Dichloroethane	49.59	5.0	50	0	99.2	73 - 121				
1,2-Dichloropropane	50.83	5.0	50	0	102	75 - 124				
1,3-Dichlorobenzene	51.81	5.0	50	0	104	70 - 125				
1,4-Dichlorobenzene	51.81	5.0	50	0	104	77 - 120				
2-Butanone	92.57	10	100	0	92.6	65 - 130				
2-Hexanone	104	10	100	0	104	65 - 133				
4-Methyl-2-pentanone	98.66	10	100	0	98.7	69 - 130				
Acetone	93.14	20	100	0	93.1	53 - 142				
Benzene	52.75	5.0	50	0	106	79 - 122				
Bromodichloromethane	51.14	5.0	50	0	102	79 - 121				
Bromoform	50	5.0	50	0	100	74 - 125				
Bromomethane	52.02	10	50	0	104	68 - 131				
Carbon disulfide	109.6	10	100	0	110	78 - 131				
Carbon tetrachloride	54.96	5.0	50	0	110	74 - 126				
Chlorobenzene	52.19	5.0	50	0	104	79 - 120				
Chloroethane	53.12	10	50	0	106	74 - 126				
Chloroform	51.8	5.0	50	0	104	78 - 122				
Chloromethane	53.13	10	50	0	106	69 - 129				
cis-1,2-Dichloroethene	51.76	5.0	50	0	104	78 - 122				
cis-1,3-Dichloropropene	51.12	5.0	50	0	102	77 - 123				
Cyclohexane	52.24	5.0	50	0	104	74 - 126				
Dibromochloromethane	52	5.0	50	0	104	78 - 122				
Dichlorodifluoromethane	53.11	5.0	50	0	106	57 - 140				
Ethylbenzene	54.2	5.0	50	0	108	80 - 122				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275294		Instrument: VOA5		Method: SW8260						
<b>LCS</b>	Sample ID: <b>VLCSS1-053016</b>	Units: <b>ug/Kg</b>			Analysis Date: <b>30-May-2016 09:13</b>					
Client ID:	Run ID: <b>VOA5_275294</b>	SeqNo: <b>3703959</b>		PrepDate:		DF: <b>1</b>				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	54.34	5.0	50	0	109	72 - 127				
m,p-Xylene	106.6	10	100	0	107	79 - 122				
Methyl acetate	45.33	5.0	50	0	90.7	69 - 123				
Methyl tert-butyl ether	49.82	5.0	50	0	99.6	76 - 124				
Methylcyclohexane	51.2	5.0	50	0	102	77 - 127				
Methylene chloride	50.04	10	50	0	100	65 - 130				
o-Xylene	52.92	5.0	50	0	106	80 - 123				
Styrene	53.29	5.0	50	0	107	78 - 124				
Tetrachloroethene	49.09	5.0	50	0	98.2	70 - 130				
Toluene	52.93	5.0	50	0	106	79 - 120				
trans-1,2-Dichloroethene	52.16	5.0	50	0	104	79 - 122				
trans-1,3-Dichloropropene	51.01	5.0	50	0	102	77 - 120				
Trichloroethene	52.59	5.0	50	0	105	75 - 123				
Trichlorofluoromethane	52.78	5.0	50	0	106	75 - 126				
Vinyl chloride	53.92	2.0	50	0	108	76 - 126				
Xylenes, Total	159.6	10	150	0	106	80 - 120				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>48</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>96.0</i>	<i>70 - 128</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.27</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>98.5</i>	<i>73 - 126</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.12</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>96.2</i>	<i>71 - 128</i>				
<i>Surr: Toluene-d8</i>	<i>48.77</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>97.5</i>	<i>73 - 127</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275294		Instrument: VOA5		Method: SW8260						
MS	Sample ID: HS16051509-01MS	Units: ug/Kg			Analysis Date: 30-May-2016 11:56					
Client ID:	Run ID: VOA5_275294	SeqNo: 3703965		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.11	5.0	50	0	106	79 - 128				
1,1,2,2-Tetrachloroethane	48.48	5.0	50	0	97.0	75 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	51	5.0	50	0	102	76 - 127				
1,1,2-Trichloroethane	50.18	5.0	50	0	100	77 - 120				
1,1-Dichloroethane	51.72	5.0	50	0	103	75 - 124				
1,1-Dichloroethene	53.61	5.0	50	0	107	76 - 128				
1,2,4-Trichlorobenzene	45.13	5.0	50	0	90.3	74 - 128				
1,2-Dibromo-3-chloropropane	49.61	5.0	50	0	99.2	66 - 129				
1,2-Dibromoethane	48.62	5.0	50	0	97.2	70 - 120				
1,2-Dichlorobenzene	48.79	5.0	50	0	97.6	75 - 120				
1,2-Dichloroethane	49.05	5.0	50	0	98.1	73 - 121				
1,2-Dichloropropane	50.12	5.0	50	0	100	75 - 124				
1,3-Dichlorobenzene	49.36	5.0	50	0	98.7	70 - 125				
1,4-Dichlorobenzene	49.36	5.0	50	0	98.7	77 - 120				
2-Butanone	96.55	10	100	0	96.5	65 - 130				
2-Hexanone	99.63	10	100	0	99.6	65 - 133				
4-Methyl-2-pentanone	100.1	10	100	0	100	69 - 130				
Acetone	109.2	20	100	0	109	53 - 142				
Benzene	52.57	5.0	50	0	105	79 - 122				
Bromodichloromethane	51.15	5.0	50	0	102	79 - 121				
Bromoform	49.81	5.0	50	0	99.6	74 - 125				
Bromomethane	59.38	10	50	0	119	68 - 131				
Carbon disulfide	106.6	10	100	0	107	78 - 131				
Carbon tetrachloride	54.55	5.0	50	0	109	74 - 126				
Chlorobenzene	51.32	5.0	50	0	103	79 - 120				
Chloroethane	51.43	10	50	0	103	74 - 126				
Chloroform	50.64	5.0	50	0	101	78 - 122				
Chloromethane	51.4	10	50	0	103	69 - 129				
cis-1,2-Dichloroethene	51.13	5.0	50	0	102	78 - 122				
cis-1,3-Dichloropropene	49.59	5.0	50	0	99.2	77 - 123				
Cyclohexane	50.18	5.0	50	0	100	74 - 126				
Dibromochloromethane	51.48	5.0	50	0	103	78 - 122				
Dichlorodifluoromethane	51.06	5.0	50	0	102	57 - 140				
Ethylbenzene	52.67	5.0	50	0	105	80 - 122				

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275294		Instrument: VOA5		Method: SW8260						
MS	Sample ID: HS16051509-01MS	Units: ug/Kg			Analysis Date: 30-May-2016 11:56					
Client ID:	Run ID: VOA5_275294	SeqNo: 3703965		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	53.5	5.0	50	0	107	72 - 127				
m,p-Xylene	105.7	10	100	0	106	79 - 122				
Methyl acetate	44.9	5.0	50	0	89.8	69 - 123				
Methyl tert-butyl ether	48.38	5.0	50	0	96.8	76 - 124				
Methylcyclohexane	51.02	5.0	50	0	102	77 - 127				
Methylene chloride	49.44	10	50	0	98.9	65 - 130				
o-Xylene	52.3	5.0	50	0	105	80 - 123				
Styrene	51.43	5.0	50	0	103	78 - 124				
Tetrachloroethene	59.04	5.0	50	0	118	70 - 130				
Toluene	52.42	5.0	50	0	105	79 - 120				
trans-1,2-Dichloroethene	51.31	5.0	50	0	103	79 - 122				
trans-1,3-Dichloropropene	49.05	5.0	50	0	98.1	77 - 120				
Trichloroethene	53.42	5.0	50	0	107	75 - 123				
Trichlorofluoromethane	52.42	5.0	50	0	105	75 - 126				
Vinyl chloride	53.11	2.0	50	0	106	76 - 126				
Xylenes, Total	158	10	150	0	105	80 - 120				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>48.17</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>96.3</i>	<i>70 - 128</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>51.28</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>103</i>	<i>73 - 126</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.36</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>96.7</i>	<i>71 - 128</i>				
<i>Surr: Toluene-d8</i>	<i>50.06</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>73 - 127</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275294		Instrument: VOA5		Method: SW8260						
MSD	Sample ID: HS16051509-01MSD	Units: ug/Kg			Analysis Date: 30-May-2016 12:19					
Client ID:	Run ID: VOA5_275294	SeqNo: 3703966		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51.63	5.0	50	0	103	79 - 128	53.11	2.82	30	
1,1,2,2-Tetrachloroethane	49.14	5.0	50	0	98.3	75 - 123	48.48	1.34	30	
1,1,2-Trichlor-1,2,2-trifluoroethane	48.98	5.0	50	0	98.0	76 - 127	51	4.04	30	
1,1,2-Trichloroethane	48.93	5.0	50	0	97.9	77 - 120	50.18	2.54	30	
1,1-Dichloroethane	51.1	5.0	50	0	102	75 - 124	51.72	1.21	30	
1,1-Dichloroethene	51.72	5.0	50	0	103	76 - 128	53.61	3.59	30	
1,2,4-Trichlorobenzene	48.85	5.0	50	0	97.7	74 - 128	45.13	7.93	30	
1,2-Dibromo-3-chloropropane	49.51	5.0	50	0	99.0	66 - 129	49.61	0.208	30	
1,2-Dibromoethane	50.52	5.0	50	0	101	70 - 120	48.62	3.85	30	
1,2-Dichlorobenzene	50.54	5.0	50	0	101	75 - 120	48.79	3.52	30	
1,2-Dichloroethane	49.2	5.0	50	0	98.4	73 - 121	49.05	0.302	30	
1,2-Dichloropropane	49.05	5.0	50	0	98.1	75 - 124	50.12	2.16	30	
1,3-Dichlorobenzene	49.41	5.0	50	0	98.8	70 - 125	49.36	0.105	30	
1,4-Dichlorobenzene	49.41	5.0	50	0	98.8	77 - 120	49.36	0.105	30	
2-Butanone	104.2	10	100	0	104	65 - 130	96.55	7.61	30	
2-Hexanone	110.8	10	100	0	111	65 - 133	99.63	10.6	30	
4-Methyl-2-pentanone	102.2	10	100	0	102	69 - 130	100.1	2.11	30	
Acetone	126.4	20	100	0	126	53 - 142	109.2	14.6	30	
Benzene	51.43	5.0	50	0	103	79 - 122	52.57	2.18	30	
Bromodichloromethane	50.47	5.0	50	0	101	79 - 121	51.15	1.34	30	
Bromoform	50.53	5.0	50	0	101	74 - 125	49.81	1.42	30	
Bromomethane	59.65	10	50	0	119	68 - 131	59.38	0.465	30	
Carbon disulfide	103.1	10	100	0	103	78 - 131	106.6	3.34	30	
Carbon tetrachloride	52.19	5.0	50	0	104	74 - 126	54.55	4.42	30	
Chlorobenzene	51.49	5.0	50	0	103	79 - 120	51.32	0.34	30	
Chloroethane	50.75	10	50	0	102	74 - 126	51.43	1.31	30	
Chloroform	50.61	5.0	50	0	101	78 - 122	50.64	0.0552	30	
Chloromethane	49.97	10	50	0	99.9	69 - 129	51.4	2.81	30	
cis-1,2-Dichloroethene	50.7	5.0	50	0	101	78 - 122	51.13	0.84	30	
cis-1,3-Dichloropropene	49.3	5.0	50	0	98.6	77 - 123	49.59	0.598	30	
Cyclohexane	48.42	5.0	50	0	96.8	74 - 126	50.18	3.57	30	
Dibromochloromethane	52.33	5.0	50	0	105	78 - 122	51.48	1.64	30	
Dichlorodifluoromethane	49.76	5.0	50	0	99.5	57 - 140	51.06	2.56	30	
Ethylbenzene	51.94	5.0	50	0	104	80 - 122	52.67	1.38	30	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

**Batch ID:** R275294      **Instrument:** VOA5      **Method:** SW8260

MSD	Sample ID: HS16051509-01MSD	Units: ug/Kg			Analysis Date: 30-May-2016 12:19					
Client ID:	Run ID: VOA5_275294	SeqNo: 3703966	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	52.82	5.0	50	0	106	72 - 127	53.5	1.29	30	
m,p-Xylene	105	10	100	0	105	79 - 122	105.7	0.68	30	
Methyl acetate	49.26	5.0	50	0	98.5	69 - 123	44.9	9.26	30	
Methyl tert-butyl ether	49.76	5.0	50	0	99.5	76 - 124	48.38	2.81	30	
Methylcyclohexane	48.53	5.0	50	0	97.1	77 - 127	51.02	4.99	30	
Methylene chloride	50.3	10	50	0	101	65 - 130	49.44	1.74	30	
o-Xylene	51.75	5.0	50	0	104	80 - 123	52.3	1.05	30	
Styrene	51.5	5.0	50	0	103	78 - 124	51.43	0.137	30	
Tetrachloroethene	60.06	5.0	50	0	120	70 - 130	59.04	1.71	30	
Toluene	51.47	5.0	50	0	103	79 - 120	52.42	1.84	30	
trans-1,2-Dichloroethene	50.77	5.0	50	0	102	79 - 122	51.31	1.05	30	
trans-1,3-Dichloropropene	49.03	5.0	50	0	98.1	77 - 120	49.05	0.0591	30	
Trichloroethene	51.59	5.0	50	0	103	75 - 123	53.42	3.48	30	
Trichlorofluoromethane	50.01	5.0	50	0	100	75 - 126	52.42	4.7	30	
Vinyl chloride	51.19	2.0	50	0	102	76 - 126	53.11	3.68	30	
Xylenes, Total	156.7	10	150	0	104	80 - 120	158	0.802	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	46.63	0	50	0	93.3	70 - 128	48.17	3.27	30	
<i>Surr: 4-Bromofluorobenzene</i>	49.36	0	50	0	98.7	73 - 126	51.28	3.8	30	
<i>Surr: Dibromofluoromethane</i>	47.32	0	50	0	94.6	71 - 128	48.36	2.16	30	
<i>Surr: Toluene-d8</i>	48.92	0	50	0	97.8	73 - 127	50.06	2.31	30	

The following samples were analyzed in this batch:

HS16051317-31	HS16051317-32	HS16051317-33	HS16051317-35
HS16051317-36	HS16051317-37	HS16051317-38	HS16051317-39
HS16051317-48	HS16051317-49	HS16051317-50	HS16051317-51

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275402		Instrument: VOA6		Method: SW8260						
MBLK	Sample ID: VBLKW-160531	Units: ug/L			Analysis Date: 31-May-2016 12:32					
Client ID:	Run ID: VOA6_275402	SeqNo: 3705638	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275402		Instrument: VOA6		Method: SW8260						
MBLK	Sample ID: VBLKW-160531	Units: ug/L			Analysis Date: 31-May-2016 12:32					
Client ID:	Run ID: VOA6_275402	SeqNo: 3705638		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	1.0								
m,p-Xylene	U	2.0								
Methyl acetate	U	1.0								
Methyl tert-butyl ether	U	1.0								
Methylcyclohexane	U	1.0								
Methylene chloride	U	2.0								
o-Xylene	U	1.0								
Styrene	U	1.0								
Tetrachloroethene	U	1.0								
Toluene	U	1.0								
trans-1,2-Dichloroethene	U	1.0								
trans-1,3-Dichloropropene	U	1.0								
Trichloroethene	U	1.0								
Trichlorofluoromethane	U	1.0								
Vinyl chloride	U	1.0								
Xylenes, Total	U	3.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>48.16</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>96.3</i>	<i>71 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>47.7</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>95.4</i>	<i>70 - 125</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.86</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.7</i>	<i>74 - 125</i>				
<i>Surr: Toluene-d8</i>	<i>48.99</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.0</i>	<i>75 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275402		Instrument: VOA6		Method: SW8260						
LCS	Sample ID: VLCSW-160531	Units: ug/L			Analysis Date: 31-May-2016 11:20					
Client ID:	Run ID: VOA6_275402	SeqNo: 3705637	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	47.09	1.0	50	0	94.2	75 - 130				
1,1,2,2-Tetrachloroethane	42.85	1.0	50	0	85.7	74 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	49.95	1.0	50	0	99.9	70 - 130				
1,1,2-Trichloroethane	45.42	1.0	50	0	90.8	80 - 120				
1,1-Dichloroethane	44.74	1.0	50	0	89.5	76 - 120				
1,1-Dichloroethene	47.77	1.0	50	0	95.5	75 - 130				
1,2,4-Trichlorobenzene	46.52	1.0	50	0	93.0	75 - 126				
1,2-Dibromo-3-chloropropane	42.49	1.0	50	0	85.0	65 - 125				
1,2-Dibromoethane	47.67	1.0	50	0	95.3	80 - 121				
1,2-Dichlorobenzene	45.76	1.0	50	0	91.5	80 - 120				
1,2-Dichloroethane	46.47	1.0	50	0	92.9	76 - 120				
1,2-Dichloropropane	45.69	1.0	50	0	91.4	80 - 120				
1,3-Dichlorobenzene	44.48	1.0	50	0	89.0	80 - 120				
1,4-Dichlorobenzene	44.06	1.0	50	0	88.1	80 - 120				
2-Butanone	88.67	2.0	100	0	88.7	60 - 140				
2-Hexanone	85.49	2.0	100	0	85.5	60 - 131				
4-Methyl-2-pentanone	87.98	2.0	100	0	88.0	60 - 135				
Acetone	101.4	2.0	100	0	101	60 - 140				
Benzene	46.58	1.0	50	0	93.2	75 - 122				
Bromodichloromethane	46.12	1.0	50	0	92.2	75 - 125				
Bromoform	46.76	1.0	50	0	93.5	70 - 130				
Bromomethane	49.84	1.0	50	0	99.7	60 - 140				
Carbon disulfide	94.02	2.0	100	0	94.0	70 - 130				
Carbon tetrachloride	47.79	1.0	50	0	95.6	75 - 125				
Chlorobenzene	46.1	1.0	50	0	92.2	80 - 120				
Chloroethane	45.32	1.0	50	0	90.6	70 - 130				
Chloroform	46.09	1.0	50	0	92.2	70 - 130				
Chloromethane	45.92	1.0	50	0	91.8	65 - 130				
cis-1,2-Dichloroethene	46.39	1.0	50	0	92.8	75 - 125				
cis-1,3-Dichloropropene	45.66	1.0	50	0	91.3	79 - 125				
Cyclohexane	51.23	1.0	50	0	102	70 - 130				
Dibromochloromethane	47.3	1.0	50	0	94.6	70 - 130				
Dichlorodifluoromethane	52.57	1.0	50	0	105	60 - 140				
Ethylbenzene	47	1.0	50	0	94.0	80 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275402		Instrument: VOA6		Method: SW8260						
LCS	Sample ID: VLCSW-160531	Units: ug/L			Analysis Date: 31-May-2016 11:20					
Client ID:	Run ID: VOA6_275402	SeqNo: 3705637		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	46.78	1.0	50	0	93.6	75 - 130				
m,p-Xylene	90.76	2.0	100	0	90.8	80 - 120				
Methyl acetate	48.29	1.0	50	0	96.6	76 - 122				
Methyl tert-butyl ether	44.19	1.0	50	0	88.4	70 - 130				
Methylcyclohexane	54.01	1.0	50	0	108	70 - 126				
Methylene chloride	50.32	2.0	50	0	101	65 - 133				
o-Xylene	46.1	1.0	50	0	92.2	80 - 120				
Styrene	46.9	1.0	50	0	93.8	78 - 122				
Tetrachloroethene	47.3	1.0	50	0	94.6	75 - 130				
Toluene	45.63	1.0	50	0	91.3	75 - 121				
trans-1,2-Dichloroethene	47.38	1.0	50	0	94.8	75 - 125				
trans-1,3-Dichloropropene	45.27	1.0	50	0	90.5	76 - 125				
Trichloroethene	48.58	1.0	50	0	97.2	71 - 125				
Trichlorofluoromethane	50.59	1.0	50	0	101	67 - 132				
Vinyl chloride	46.61	1.0	50	0	93.2	70 - 135				
Xylenes, Total	136.9	3.0	150	0	91.2	79 - 124				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>47.58</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>95.2</i>	<i>71 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>50.05</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>70 - 125</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.27</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>96.5</i>	<i>74 - 125</i>				
<i>Surr: Toluene-d8</i>	<i>49.47</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.9</i>	<i>75 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275402		Instrument: VOA6		Method: SW8260						
MS	Sample ID: HS16051131-04MS	Units: ug/L			Analysis Date: 31-May-2016 16:54					
Client ID:	Run ID: VOA6_275402	SeqNo: 3705641	PrepDate:	DF: 500						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	23410	500	25000	0	93.6	75 - 130				
1,1,2,2-Tetrachloroethane	19870	500	25000	0	79.5	74 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	25450	500	25000	0	102	70 - 130				
1,1,2-Trichloroethane	21260	500	25000	0	85.0	80 - 120				
1,1-Dichloroethane	21980	500	25000	0	87.9	76 - 120				
1,1-Dichloroethene	23370	500	25000	0	93.5	75 - 130				
1,2,4-Trichlorobenzene	19770	500	25000	0	79.1	75 - 126				
1,2-Dibromo-3-chloropropane	19370	500	25000	0	77.5	65 - 125				
1,2-Dibromoethane	21980	500	25000	0	87.9	80 - 121				
1,2-Dichlorobenzene	20870	500	25000	0	83.5	80 - 120				
1,2-Dichloroethane	22270	500	25000	0	89.1	76 - 120				
1,2-Dichloropropane	21560	500	25000	0	86.2	80 - 120				
1,3-Dichlorobenzene	20580	500	25000	0	82.3	80 - 120				
1,4-Dichlorobenzene	20170	500	25000	0	80.7	80 - 120				
2-Butanone	42570	1000	50000	0	85.1	60 - 140				
2-Hexanone	40880	1000	50000	0	81.8	60 - 131				
4-Methyl-2-pentanone	41520	1000	50000	0	83.0	60 - 135				
Acetone	46160	1000	50000	0	92.3	60 - 140				
Benzene	22280	500	25000	0	89.1	75 - 122				
Bromodichloromethane	22090	500	25000	0	88.4	75 - 125				
Bromoform	21470	500	25000	0	85.9	70 - 130				
Bromomethane	22310	500	25000	0	89.2	60 - 140				
Carbon disulfide	48270	1000	50000	0	96.5	70 - 130				
Carbon tetrachloride	23320	500	25000	0	93.3	79 - 120				
Chlorobenzene	42850	500	25000	21750	84.4	80 - 120				
Chloroethane	19750	500	25000	0	79.0	70 - 130				
Chloroform	22220	500	25000	0	88.9	70 - 130				
Chloromethane	21690	500	25000	0	86.8	65 - 130				
cis-1,2-Dichloroethene	22550	500	25000	0	90.2	75 - 125				
cis-1,3-Dichloropropene	21240	500	25000	0	85.0	79 - 125				
Cyclohexane	25140	500	25000	0	101	70 - 130				
Dibromochloromethane	21940	500	25000	0	87.8	70 - 130				
Dichlorodifluoromethane	25220	500	25000	0	101	60 - 140				
Ethylbenzene	22350	500	25000	0	89.4	80 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275402		Instrument: VOA6		Method: SW8260						
MS	Sample ID: HS16051131-04MS	Units: ug/L			Analysis Date: 31-May-2016 16:54					
Client ID:	Run ID: VOA6_275402	SeqNo: 3705641		PrepDate:		DF: 500				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	22010	500	25000	0	88.0	75 - 130				
m,p-Xylene	42700	1000	50000	0	85.4	80 - 120				
Methyl acetate	22190	500	25000	0	88.7	76 - 122				
Methyl tert-butyl ether	22520	500	25000	0	90.1	70 - 130				
Methylcyclohexane	28090	500	25000	0	112	70 - 126				
Methylene chloride	24020	1000	25000	0	96.1	65 - 133				
o-Xylene	21510	500	25000	0	86.0	80 - 120				
Styrene	21870	500	25000	0	87.5	78 - 122				
Tetrachloroethene	22360	500	25000	0	89.4	75 - 130				
Toluene	21750	500	25000	0	87.0	75 - 121				
trans-1,2-Dichloroethene	23040	500	25000	0	92.2	75 - 125				
trans-1,3-Dichloropropene	20180	500	25000	0	80.7	76 - 125				
Trichloroethene	23140	500	25000	0	92.6	71 - 125				
Trichlorofluoromethane	25930	500	25000	0	104	67 - 132				
Vinyl chloride	23690	500	25000	0	94.8	70 - 135				
Xylenes, Total	64200	1500	75000	0	85.6	80 - 124				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>24050</i>	<i>500</i>	<i>25000</i>	<i>0</i>	<i>96.2</i>	<i>71 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>24790</i>	<i>500</i>	<i>25000</i>	<i>0</i>	<i>99.2</i>	<i>70 - 125</i>				
<i>Surr: Dibromofluoromethane</i>	<i>24320</i>	<i>500</i>	<i>25000</i>	<i>0</i>	<i>97.3</i>	<i>74 - 125</i>				
<i>Surr: Toluene-d8</i>	<i>24180</i>	<i>500</i>	<i>25000</i>	<i>0</i>	<i>96.7</i>	<i>75 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

Batch ID: R275402		Instrument: VOA6		Method: SW8260						
MSD	Sample ID: HS16051131-04MSD	Units: ug/L			Analysis Date: 31-May-2016 17:18					
Client ID:	Run ID: VOA6_275402	SeqNo: 3705642	PrepDate:	DF: 500						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	23110	500	25000	0	92.5	75 - 130	23410	1.26	20	
1,1,2,2-Tetrachloroethane	20320	500	25000	0	81.3	74 - 123	19870	2.22	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	25320	500	25000	0	101	70 - 130	25450	0.52	20	
1,1,2-Trichloroethane	21210	500	25000	0	84.8	80 - 120	21260	0.251	20	
1,1-Dichloroethane	21810	500	25000	0	87.3	76 - 120	21980	0.77	20	
1,1-Dichloroethene	23570	500	25000	0	94.3	75 - 130	23370	0.836	20	
1,2,4-Trichlorobenzene	21600	500	25000	0	86.4	75 - 126	19770	8.84	20	
1,2-Dibromo-3-chloropropane	20350	500	25000	0	81.4	65 - 125	19370	4.92	20	
1,2-Dibromoethane	22190	500	25000	0	88.8	80 - 121	21980	0.944	20	
1,2-Dichlorobenzene	21510	500	25000	0	86.1	80 - 120	20870	3.02	20	
1,2-Dichloroethane	22200	500	25000	0	88.8	76 - 120	22270	0.309	20	
1,2-Dichloropropane	21380	500	25000	0	85.5	80 - 120	21560	0.839	20	
1,3-Dichlorobenzene	21060	500	25000	0	84.2	80 - 120	20580	2.31	20	
1,4-Dichlorobenzene	20570	500	25000	0	82.3	80 - 120	20170	1.95	20	
2-Butanone	42150	1000	50000	0	84.3	60 - 140	42570	0.98	20	
2-Hexanone	41210	1000	50000	0	82.4	60 - 131	40880	0.823	20	
4-Methyl-2-pentanone	41630	1000	50000	0	83.3	60 - 135	41520	0.247	20	
Acetone	47540	1000	50000	0	95.1	60 - 140	46160	2.96	20	
Benzene	22250	500	25000	0	89.0	75 - 122	22280	0.163	20	
Bromodichloromethane	21570	500	25000	0	86.3	75 - 125	22090	2.41	20	
Bromoform	21840	500	25000	0	87.4	70 - 130	21470	1.7	20	
Bromomethane	23900	500	25000	0	95.6	60 - 140	22310	6.85	20	
Carbon disulfide	47910	1000	50000	0	95.8	70 - 130	48270	0.739	20	
Carbon tetrachloride	23490	500	25000	0	94.0	75 - 125	23320	0.767	20	
Chlorobenzene	43420	500	25000	21750	86.7	80 - 120	42850	1.34	20	
Chloroethane	19720	500	25000	0	78.9	70 - 130	19750	0.113	20	
Chloroform	22410	500	25000	0	89.7	70 - 130	22220	0.865	20	
Chloromethane	21370	500	25000	0	85.5	65 - 130	21690	1.53	20	
cis-1,2-Dichloroethene	22340	500	25000	0	89.3	75 - 125	22550	0.935	20	
cis-1,3-Dichloropropene	20470	500	25000	0	81.9	79 - 125	21240	3.69	20	
Cyclohexane	25070	500	25000	0	100	70 - 130	25140	0.252	20	
Dibromochloromethane	22250	500	25000	0	89.0	70 - 130	21940	1.39	20	
Dichlorodifluoromethane	24810	500	25000	0	99.3	60 - 140	25220	1.62	20	
Ethylbenzene	22130	500	25000	0	88.5	80 - 120	22350	0.994	20	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

**Batch ID:** R275402      **Instrument:** VOA6      **Method:** SW8260

MSD		Sample ID: HS16051131-04MSD			Units: ug/L		Analysis Date: 31-May-2016 17:18			
Client ID:		Run ID: VOA6_275402			SeqNo: 3705642		PrepDate:		DF: 500	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	22550	500	25000	0	90.2	75 - 130	22010	2.42	20	
m,p-Xylene	43170	1000	50000	0	86.3	80 - 120	42700	1.09	20	
Methyl acetate	22230	500	25000	0	88.9	76 - 122	22190	0.184	20	
Methyl tert-butyl ether	22260	500	25000	0	89.1	70 - 130	22520	1.13	20	
Methylcyclohexane	27930	500	25000	0	112	70 - 126	28090	0.566	20	
Methylene chloride	24140	1000	25000	0	96.5	65 - 133	24020	0.491	20	
o-Xylene	22000	500	25000	0	88.0	80 - 120	21510	2.29	20	
Styrene	22210	500	25000	0	88.9	78 - 122	21870	1.55	20	
Tetrachloroethene	22500	500	25000	0	90.0	75 - 130	22360	0.63	20	
Toluene	21860	500	25000	0	87.5	75 - 121	21750	0.519	20	
trans-1,2-Dichloroethene	23000	500	25000	0	92.0	75 - 125	23040	0.168	20	
trans-1,3-Dichloropropene	20890	500	25000	0	83.6	76 - 125	20180	3.48	20	
Trichloroethene	23110	500	25000	0	92.4	71 - 125	23140	0.127	20	
Trichlorofluoromethane	25740	500	25000	0	103	67 - 132	25930	0.743	20	
Vinyl chloride	23440	500	25000	0	93.7	70 - 135	23690	1.08	20	
Xylenes, Total	65170	1500	75000	0	86.9	80 - 124	64200	1.49	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>23730</i>	<i>500</i>	<i>25000</i>	<i>0</i>	<i>94.9</i>	<i>71 - 125</i>	<i>24050</i>	<i>1.32</i>	<i>20</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>25230</i>	<i>500</i>	<i>25000</i>	<i>0</i>	<i>101</i>	<i>70 - 125</i>	<i>24790</i>	<i>1.76</i>	<i>20</i>	
<i>Surr: Dibromofluoromethane</i>	<i>24420</i>	<i>500</i>	<i>25000</i>	<i>0</i>	<i>97.7</i>	<i>74 - 125</i>	<i>24320</i>	<i>0.438</i>	<i>20</i>	
<i>Surr: Toluene-d8</i>	<i>24320</i>	<i>500</i>	<i>25000</i>	<i>0</i>	<i>97.3</i>	<i>75 - 125</i>	<i>24180</i>	<i>0.556</i>	<i>20</i>	

The following samples were analyzed in this batch: HS16051317-61

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

<b>Batch ID:</b> R275067	<b>Instrument:</b> Balance1	<b>Method:</b> ASTM D2216
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<b>DUP</b>	Sample ID: <b>HS16051317-21DUP</b>	Units: <b>wt%</b>	Analysis Date: <b>25-May-2016 10:07</b>							
Client ID:	Run ID: <b>Balance1_275067</b>	SeqNo: <b>3699320</b>	PrepDate: DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Percent Moisture	14.3	0.0100	13.9	2.84	20
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**The following samples were analyzed in this batch:**

HS16051317-01	HS16051317-02	HS16051317-03	HS16051317-04
HS16051317-05	HS16051317-06	HS16051317-07	HS16051317-08
HS16051317-09	HS16051317-10	HS16051317-11	HS16051317-12
HS16051317-13	HS16051317-14	HS16051317-15	HS16051317-16
HS16051317-17	HS16051317-18	HS16051317-20	HS16051317-21

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

<b>Batch ID: R275068</b>		<b>Instrument: Balance1</b>		<b>Method: ASTM D2216</b>					
<b>DUP</b>	Sample ID: <b>HS16051317-42DUP</b>	Units: <b>wt%</b>		Analysis Date: <b>25-May-2016 10:10</b>					
Client ID:	Run ID: <b>Balance1_275068</b>	SeqNo: <b>3699341</b>		PrepDate:		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Percent Moisture	16.9	0.0100					17	0.59	20
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**The following samples were analyzed in this batch:**

HS16051317-22	HS16051317-23	HS16051317-24	HS16051317-25
HS16051317-26	HS16051317-27	HS16051317-28	HS16051317-29
HS16051317-30	HS16051317-31	HS16051317-32	HS16051317-33
HS16051317-35	HS16051317-36	HS16051317-37	HS16051317-38
HS16051317-39	HS16051317-40	HS16051317-41	HS16051317-42

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QC BATCH REPORT**

<b>Batch ID: R275069</b>		<b>Instrument: Balance1</b>		<b>Method: ASTM D2216</b>					
<b>DUP</b>	Sample ID: <b>HS16051317-60DUP</b>	Units: <b>wt%</b>		Analysis Date: <b>25-May-2016 10:16</b>					
Client ID:	Run ID: <b>Balance1_275069</b>	SeqNo: <b>3699359</b>		PrepDate:		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Percent Moisture	16.5	0.0100					16	3.08	20
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**The following samples were analyzed in this batch:**

HS16051317-43	HS16051317-44	HS16051317-45	HS16051317-46
HS16051317-47	HS16051317-48	HS16051317-49	HS16051317-50
HS16051317-51	HS16051317-53	HS16051317-54	HS16051317-55
HS16051317-56	HS16051317-57	HS16051317-58	HS16051317-59
HS16051317-60			

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051317

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

<b>Acronym</b>	<b>Description</b>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<b>Unit Reported</b>	<b>Description</b>
Date	
mg/Kg-dry	Milligrams per Kilogram- Dry weight corrected
mg/L	Milligrams per Liter

**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

<b>Agency</b>	<b>Number</b>	<b>Expire Date</b>
Arkansas	16-022-0	27-Mar-2017
California	2919	31-Jul-2016
Kansas	E-10352 2014-2015	31-Jul-2016
Kentucky	96 2016-2017	30-Apr-2017
Louisiana	03087 2015/2016	30-Jun-2016
North Carolina	624 - 2016	31-Dec-2016
North Dakota	R193 2016-2017	30-Apr-2017
Oklahoma	2015-047	31-Aug-2016
Texas	TX104704231-16-17	30-Apr-2017



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051317

**SAMPLE TRACKING**

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS16051317-01	DPTS-101	Login	5/24/2016 12:22:00 PM	PMG	14D
HS16051317-02	DPTS-102	Login	5/24/2016 12:26:41 PM	PMG	14D
HS16051317-03	DPTS-103	Login	5/24/2016 12:26:41 PM	PMG	14D
HS16051317-04	DPTS-104	Login	5/24/2016 12:26:41 PM	PMG	14D
HS16051317-05	DPTS-105	Login	5/24/2016 12:26:41 PM	PMG	14D
HS16051317-06	DPTS-106	Login	5/24/2016 12:26:41 PM	PMG	14D
HS16051317-07	DPTS-107	Login	5/24/2016 12:26:41 PM	PMG	14D
HS16051317-08	DPTS-108	Login	5/24/2016 12:26:41 PM	PMG	14D
HS16051317-09	DPTS-109	Login	5/24/2016 12:26:41 PM	PMG	14D
HS16051317-10	DPTS-110	Login	5/24/2016 12:27:11 PM	PMG	5035
HS16051317-11	DPTS-111	Login	5/24/2016 12:29:56 PM	PMG	5035
HS16051317-12	DPTS-112	Login	5/24/2016 12:29:56 PM	PMG	5035
HS16051317-13	DPTS-113	Login	5/24/2016 12:29:56 PM	PMG	5035
HS16051317-14	DPTS-114	Login	5/24/2016 12:29:56 PM	PMG	5035
HS16051317-15	DPTS-115	Login	5/24/2016 12:29:56 PM	PMG	5035
HS16051317-16	DPTS-116	Login	5/24/2016 12:29:56 PM	PMG	5035
HS16051317-17	DPTS-117	Login	5/24/2016 12:29:56 PM	PMG	5035
HS16051317-18	DPTS-118	Login	5/24/2016 12:29:56 PM	PMG	5035
HS16051317-19	Trip Blank-TSP-05/12/16-01	Login	5/24/2016 12:30:42 PM	PMG	VW-3
HS16051317-20	DPTS-119	Login	5/24/2016 12:34:15 PM	PMG	14D
HS16051317-20	DPTS-119	Login	5/24/2016 12:34:15 PM	PMG	14D
HS16051317-21	DPTS-120	Login	5/24/2016 12:36:37 PM	PMG	14D
HS16051317-21	DPTS-120	Login	5/24/2016 12:36:37 PM	PMG	14D
HS16051317-21	DPTS-120	Login	5/24/2016 12:36:37 PM	PMG	14D
HS16051317-22	DPTS-121	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-22	DPTS-121	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-22	DPTS-121	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-22	DPTS-121	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-23	DPTS-122	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-23	DPTS-122	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-23	DPTS-122	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-24	DPTS-123	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-24	DPTS-123	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-24	DPTS-123	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-25	DPTS-124	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-25	DPTS-124	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-25	DPTS-124	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-26	DPTS-125	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-26	DPTS-125	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-26	DPTS-125	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-27	DPTS-126	Login	5/24/2016 12:38:40 PM	PMG	14D

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051317

**SAMPLE TRACKING**

HS16051317-27	DPTS-126	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-27	DPTS-126	Login	5/24/2016 12:38:40 PM	PMG	14D
HS16051317-28	DPTS-127	Login	5/24/2016 12:39:37 PM	PMG	5035
HS16051317-29	DPTS-128	Login	5/24/2016 12:40:09 PM	PMG	14D
HS16051317-29	DPTS-128	Login	5/24/2016 12:40:09 PM	PMG	14D
HS16051317-30	DPTS-129	Login	5/24/2016 12:41:19 PM	PMG	14D
HS16051317-30	DPTS-129	Login	5/24/2016 12:41:19 PM	PMG	14D
HS16051317-30	DPTS-129	Login	5/24/2016 12:41:19 PM	PMG	5035
HS16051317-31	DPTS-130	Login	5/24/2016 12:43:31 PM	PMG	14D
HS16051317-31	DPTS-130	Login	5/24/2016 12:43:31 PM	PMG	14D
HS16051317-31	DPTS-130	Login	5/24/2016 12:43:31 PM	PMG	5035
HS16051317-32	DPTS-131	Login	5/24/2016 12:43:31 PM	PMG	14D
HS16051317-32	DPTS-131	Login	5/24/2016 12:43:31 PM	PMG	14D
HS16051317-32	DPTS-131	Login	5/24/2016 12:43:31 PM	PMG	5035
HS16051317-33	DPTS-132	Login	5/24/2016 12:43:31 PM	PMG	14D
HS16051317-33	DPTS-132	Login	5/24/2016 12:43:31 PM	PMG	14D
HS16051317-33	DPTS-132	Login	5/24/2016 12:43:31 PM	PMG	5035
HS16051317-34	Trip Blank-TSP-05/12/16-02	Login	5/24/2016 12:44:31 PM	PMG	VW-3
HS16051317-35	DPTS-133	Login	5/24/2016 2:10:08 PM	PMG	5035
HS16051317-36	DPTS-134	Login	5/24/2016 2:16:28 PM	PMG	14D
HS16051317-36	DPTS-134	Login	5/24/2016 2:16:28 PM	PMG	14D
HS16051317-36	DPTS-134	Login	5/24/2016 2:16:28 PM	PMG	5035
HS16051317-37	DPTS-135	Login	5/24/2016 2:16:28 PM	PMG	14D
HS16051317-37	DPTS-135	Login	5/24/2016 2:16:28 PM	PMG	14D
HS16051317-37	DPTS-135	Login	5/24/2016 2:16:28 PM	PMG	5035
HS16051317-38	DPTS-136	Login	5/24/2016 2:16:28 PM	PMG	14D
HS16051317-38	DPTS-136	Login	5/24/2016 2:16:28 PM	PMG	14D
HS16051317-38	DPTS-136	Login	5/24/2016 2:16:28 PM	PMG	5035
HS16051317-39	DPTS-137	Login	5/24/2016 2:16:28 PM	PMG	14D
HS16051317-39	DPTS-137	Login	5/24/2016 2:16:28 PM	PMG	14D
HS16051317-39	DPTS-137	Login	5/24/2016 2:16:28 PM	PMG	5035
HS16051317-40	DPTS-138	Login	5/24/2016 2:18:33 PM	PMG	14D
HS16051317-41	DPTS-139	Login	5/24/2016 2:18:33 PM	PMG	14D
HS16051317-42	DPTS-140	Login	5/24/2016 2:18:33 PM	PMG	14D
HS16051317-43	DPTS-141	Login	5/24/2016 2:18:33 PM	PMG	14D
HS16051317-44	DPTS-142	Login	5/24/2016 2:18:33 PM	PMG	14D
HS16051317-45	DPTS-143	Login	5/24/2016 2:18:33 PM	PMG	14D
HS16051317-46	DPTS-144	Login	5/24/2016 2:18:33 PM	PMG	14D
HS16051317-47	DPTS-145	Login	5/24/2016 2:18:33 PM	PMG	14D
HS16051317-48	DPTS-146	Login	5/24/2016 2:19:20 PM	PMG	5035
HS16051317-49	DPTS-147	Login	5/24/2016 2:20:42 PM	PMG	14D
HS16051317-49	DPTS-147	Login	5/24/2016 2:20:42 PM	PMG	14D

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051317

**SAMPLE TRACKING**

HS16051317-49	DPTS-147	Login	5/24/2016 2:20:42 PM	PMG	5035
HS16051317-50	DPTS-148	Login	5/24/2016 2:20:42 PM	PMG	14D
HS16051317-50	DPTS-148	Login	5/24/2016 2:20:42 PM	PMG	14D
HS16051317-50	DPTS-148	Login	5/24/2016 2:20:42 PM	PMG	5035
HS16051317-51	DPTS-149	Login	5/24/2016 2:20:42 PM	PMG	14D
HS16051317-51	DPTS-149	Login	5/24/2016 2:20:42 PM	PMG	14D
HS16051317-51	DPTS-149	Login	5/24/2016 2:20:42 PM	PMG	5035
HS16051317-52	Trip blank-TSP-05/12/16-03	Login	5/24/2016 2:22:03 PM	PMG	VW-3
HS16051317-53	DPTS-150	Login	5/24/2016 2:24:01 PM	PMG	14D
HS16051317-54	DPTS-151	Login	5/24/2016 2:24:01 PM	PMG	14D
HS16051317-55	DPTS-152	Login	5/24/2016 2:24:01 PM	PMG	14D
HS16051317-56	DPTS-153	Login	5/24/2016 2:24:01 PM	PMG	14D
HS16051317-57	DPTS-154	Login	5/24/2016 2:24:01 PM	PMG	14D
HS16051317-58	DPTS-155	Login	5/24/2016 2:24:01 PM	PMG	14D
HS16051317-59	DPTS-156	Login	5/24/2016 2:24:01 PM	PMG	14D
HS16051317-60	DPTS-157	Login	5/24/2016 2:24:01 PM	PMG	14D
HS16051317-61	Trip Blank-TSP-5/12/16-04	Login	5/24/2016 2:25:02 PM	PMG	VW-3

Sample Receipt Checklist

Client Name: TETRATECH-KS CITY, MO  
 Work Order: HS16051317

Date/Time Received: **24-May-2016 09:00**  
 Received by: **JRM**

Checklist completed by: Paresh M. Giga 24-May-2016 Reviewed by: Dane J. Wacasey 26-May-2016  
 eSignature Date eSignature Date

Matrices: **Soil/Water** Carrier name: **FedEx**

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- TX1005 solids received in hermetically sealed vials? Yes  No  N/A
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No

Temperature(s)/Thermometer(s): 1.0c/1.6c,2.4c/3.0c,1.5c/2.1c,1.5c/2.1c U/C IR5  
 Cooler(s)/Kit(s): 25309,24690,24504,25264  
 Date/Time sample(s) sent to storage: 5/24/16 16:50

- Water - VOA vials have zero headspace? Yes  No  No VOA vials submitted
- Water - pH acceptable upon receipt? Yes  No  N/A
- pH adjusted? Yes  No  N/A
- pH adjusted by:

Login Notes: Sampling date/times differ - DPTS-128 COC 5/20/16 @ 08:55 & Container labels 5/21/16 @ 15:40. Logged in per COC. All Trip Blanks logged for analysis using earliest sample collection date of 5/18/16.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

(b) (6)  
(b) (6)

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 <b>ALS Environmental</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By: <i>CM</i>
	Date: <i>5-23-16</i>	Time: <i>1100</i>	Date: <i>05/24/16</i>
	Name: <i>ADAM WATKINS</i>	Company: <i>TETRA TECH</i>	

*24504* MAY 24 2016

 <b>ALS Environmental</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By: <i>CM</i>
	Date: <i>5-23-16</i>	Time: <i>1100</i>	Date: <i>05/24/16</i>
	Name: <i>ADAM WATKINS</i>	Company: <i>TETRA TECH</i>	

3 of 4

MPS# **7831 8935 6747**  
0269

Mstr# **7831 8935 6725** 0201

**NH SGRA** *24504* **77099**  
 TX-US **IAH**

TUE - 24 MAY 10:30A  
 PRIORITY OVERNIGHT



 <b>ALS Environmental</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTOMER SEAL</b>		Seal Broken By:
	Date: 5-23-2016	Time: 1100	SM
25309	Name: ADAM WATKINS		Date:
	Company: TETRA TECH		05/24/16

25309 MAY 24 2016

4 of 4  
 MPS# 7831 8935 6758  
 0263  
 Metr# 7831 8935 6725 0201  
**NH SGRA** 25309 77099  
 TX-US IAH  
 TUE - 24 MAY 10:30A  
 PRIORITY OVERNIGHT



 <b>ALS Environmental</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTOMER SEAL</b>		Seal Broken By:
	Date: 5-23-2016	Time: 1100	
25309	Name: ADAM WATKINS		Date:
	Company: TETRA TECH		05/24/16

 <b>ALS Environmental</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By: SM
	Date: 5-23-16	Time: 1100	Date:
	Name: ADAM WATKINS	Company: LETA TECH	05/24/16

24690

MAY 24 2016

 <b>ALS Environmental</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By: SM
	Date: 5-23-16	Time: 1100	Date:
	Name: ADAM WATKINS	Company: LETA TECH	05/24/16

2 of 4  
 MPS# 7831 8935 6736  
 Metr# 7831 8935 6725  
**NH SGRA** 24690 77099  
 TX-US IAH

TUE - 24 MAY 10:30A  
 PRIORITY OVER NIGHT



 <b>ALS Environmental</b> 10450 Stanciff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By: SM
	Date: 5-23-16	Time: 1100	Date: 05/24/16
25264	Name: ADAM WATKINS		
	Company: TERRA TECH		

25264 MAY 24 2016

1 of 4  
 TRK# 7831 8935 6725  
 0201  
 ## MASTER ##  
**NH SGRA** 25264  
 TX-US IAH 77099  
 TUE - 24 MAY 10:30A  
 PRIORITY OVERNIGHT





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10450 Stancliff Rd. Suite 210  
Houston, TX 77099  
T: +1 281 530 5656  
F: +1 281 530 5887  
www.alsglobal.com

June 07, 2016

Adam Watkins  
Tetra Tech, Inc.  
415 Oak Street  
Kansas City, MO 64106

Work Order: **HS16051515**

Laboratory Results for: **GSA Goodfellow 103D1058231**

Dear Adam,

ALS Environmental received 17 sample(s) on May 26, 2016 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

(b) (6)

Generated By: Dayna.Fisher  
Dane J. Wacasey



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**Work Order:** HS16051515

**SAMPLE SUMMARY**

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS16051515-01	DPTS-158	Soil		23-May-2016 14:45	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-02	DPTS-159	Soil		23-May-2016 09:05	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-03	DPTS-160	Soil		23-May-2016 09:10	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-04	DPTS-161	Soil		23-May-2016 10:40	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-05	DPTS-162	Soil		23-May-2016 10:50	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-06	DPTS-163	Soil		23-May-2016 10:50	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-07	DPTS-164	Soil		23-May-2016 13:40	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-08	DPTS-165	Soil		23-May-2016 13:50	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-09	DPTS-167	Soil		23-May-2016 15:25	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-10	DPTS-166	Soil		23-May-2016 15:15	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-11	DPTS-168	Soil		23-May-2016 15:25	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-12	DPTS-169	Soil		24-May-2016 11:45	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-13	DPTS-170	Soil		23-May-2016 16:55	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-14	DPTS-171	Soil		23-May-2016 17:00	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-15	DPTS-172	Soil		24-May-2016 09:05	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-16	DPTS-173	Soil		24-May-2016 09:45	26-May-2016 08:50	<input type="checkbox"/>
HS16051515-17	DPTS-174	Soil		24-May-2016 12:15	26-May-2016 08:50	<input type="checkbox"/>

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**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**Work Order:** HS16051515

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**CASE NARRATIVE**

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**ECD Organics by Method SW8082**

**Batch ID: 104804,104878,104918a,104952**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
- 

**WetChemistry by Method ASTM D2216**

**Batch ID: R275308**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-158  
 Collection Date: 23-May-2016 14:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051515  
 Lab ID:HS16051515-01  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 02-Jun-2016		Analyst: NPI
Aroclor 1016	U		5.2	21	ug/Kg-dry	1	02-Jun-2016 18:32
Aroclor 1221	U		6.9	21	ug/Kg-dry	1	02-Jun-2016 18:32
Aroclor 1232	U		5.6	21	ug/Kg-dry	1	02-Jun-2016 18:32
Aroclor 1242	U		7.3	21	ug/Kg-dry	1	02-Jun-2016 18:32
Aroclor 1248	U		7.3	21	ug/Kg-dry	1	02-Jun-2016 18:32
Aroclor 1254	U		5.8	21	ug/Kg-dry	1	02-Jun-2016 18:32
<b>Aroclor 1260</b>	<b>110</b>		<b>3.0</b>	<b>21</b>	<b>ug/Kg-dry</b>	<b>1</b>	02-Jun-2016 18:32
<i>Surr: Decachlorobiphenyl</i>	99.8			54-143	%REC	1	02-Jun-2016 18:32
<i>Surr: Tetrachloro-m-xylene</i>	73.9			50-140	%REC	1	02-Jun-2016 18:32
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>19.1</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	<b>1</b>	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-159  
 Collection Date: 23-May-2016 09:05

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-02  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>		Prep:SW3546/3665A / 02-Jun-2016		Analyst: NPI	
Aroclor 1016	U		5.3	21	ug/Kg-dry	1	02-Jun-2016 18:48
Aroclor 1221	U		7.1	21	ug/Kg-dry	1	02-Jun-2016 18:48
Aroclor 1232	U		5.7	21	ug/Kg-dry	1	02-Jun-2016 18:48
Aroclor 1242	U		7.4	21	ug/Kg-dry	1	02-Jun-2016 18:48
Aroclor 1248	U		7.4	21	ug/Kg-dry	1	02-Jun-2016 18:48
Aroclor 1254	U		5.9	21	ug/Kg-dry	1	02-Jun-2016 18:48
Aroclor 1260	U		3.0	21	ug/Kg-dry	1	02-Jun-2016 18:48
<i>Surr: Decachlorobiphenyl</i>	79.8			54-143	%REC	1	02-Jun-2016 18:48
<i>Surr: Tetrachloro-m-xylene</i>	73.7			50-140	%REC	1	02-Jun-2016 18:48
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>				Analyst: DFF	
Percent Moisture	21.0		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-160  
 Collection Date: 23-May-2016 09:10

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-03  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 02-Jun-2016		Analyst: NPI
Aroclor 1016	U		5.1	20	ug/Kg-dry	1	02-Jun-2016 19:04
Aroclor 1221	U		6.8	20	ug/Kg-dry	1	02-Jun-2016 19:04
Aroclor 1232	U		5.5	20	ug/Kg-dry	1	02-Jun-2016 19:04
Aroclor 1242	U		7.2	20	ug/Kg-dry	1	02-Jun-2016 19:04
Aroclor 1248	U		7.2	20	ug/Kg-dry	1	02-Jun-2016 19:04
Aroclor 1254	U		5.7	20	ug/Kg-dry	1	02-Jun-2016 19:04
Aroclor 1260	U		2.9	20	ug/Kg-dry	1	02-Jun-2016 19:04
<i>Surr: Decachlorobiphenyl</i>	88.7			54-143	%REC	1	02-Jun-2016 19:04
<i>Surr: Tetrachloro-m-xylene</i>	77.8			50-140	%REC	1	02-Jun-2016 19:04
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>18.4</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-161  
 Collection Date: 23-May-2016 10:40

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-04  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 02-Jun-2016		Analyst: NPI
Aroclor 1016	U		5.1	20	ug/Kg-dry	1	02-Jun-2016 20:09
Aroclor 1221	U		6.8	20	ug/Kg-dry	1	02-Jun-2016 20:09
Aroclor 1232	U		5.5	20	ug/Kg-dry	1	02-Jun-2016 20:09
Aroclor 1242	U		7.2	20	ug/Kg-dry	1	02-Jun-2016 20:09
Aroclor 1248	U		7.2	20	ug/Kg-dry	1	02-Jun-2016 20:09
Aroclor 1254	U		5.7	20	ug/Kg-dry	1	02-Jun-2016 20:09
Aroclor 1260	U		2.9	20	ug/Kg-dry	1	02-Jun-2016 20:09
<i>Surr: Decachlorobiphenyl</i>	95.5			54-143	%REC	1	02-Jun-2016 20:09
<i>Surr: Tetrachloro-m-xylene</i>	87.7			50-140	%REC	1	02-Jun-2016 20:09
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>18.3</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-162  
 Collection Date: 23-May-2016 10:50

**ANALYTICAL REPORT**  
 WorkOrder:HS16051515  
 Lab ID:HS16051515-05  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 02-Jun-2016		Analyst: NPI
Aroclor 1016	U		4.8	19	ug/Kg-dry	1	02-Jun-2016 20:26
Aroclor 1221	U		6.4	19	ug/Kg-dry	1	02-Jun-2016 20:26
Aroclor 1232	U		5.2	19	ug/Kg-dry	1	02-Jun-2016 20:26
Aroclor 1242	U		6.8	19	ug/Kg-dry	1	02-Jun-2016 20:26
Aroclor 1248	U		6.8	19	ug/Kg-dry	1	02-Jun-2016 20:26
Aroclor 1254	U		5.4	19	ug/Kg-dry	1	02-Jun-2016 20:26
Aroclor 1260	U		2.8	19	ug/Kg-dry	1	02-Jun-2016 20:26
Surr: Decachlorobiphenyl	95.2			54-143	%REC	1	02-Jun-2016 20:26
Surr: Tetrachloro-m-xylene	74.6			50-140	%REC	1	02-Jun-2016 20:26
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	13.3		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-163  
 Collection Date: 23-May-2016 10:50

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-06  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 02-Jun-2016		Analyst: NPI
Aroclor 1016	U		4.8	19	ug/Kg-dry	1	02-Jun-2016 20:42
Aroclor 1221	U		6.4	19	ug/Kg-dry	1	02-Jun-2016 20:42
Aroclor 1232	U		5.2	19	ug/Kg-dry	1	02-Jun-2016 20:42
Aroclor 1242	U		6.8	19	ug/Kg-dry	1	02-Jun-2016 20:42
Aroclor 1248	U		6.8	19	ug/Kg-dry	1	02-Jun-2016 20:42
Aroclor 1254	U		5.4	19	ug/Kg-dry	1	02-Jun-2016 20:42
Aroclor 1260	U		2.8	19	ug/Kg-dry	1	02-Jun-2016 20:42
<i>Surr: Decachlorobiphenyl</i>	88.3			54-143	%REC	1	02-Jun-2016 20:42
<i>Surr: Tetrachloro-m-xylene</i>	69.0			50-140	%REC	1	02-Jun-2016 20:42
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	13.3		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-164  
 Collection Date: 23-May-2016 13:40

**ANALYTICAL REPORT**  
 WorkOrder:HS16051515  
 Lab ID:HS16051515-07  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 02-Jun-2016		Analyst: NPI
Aroclor 1016	U		5.2	21	ug/Kg-dry	1	02-Jun-2016 20:58
Aroclor 1221	U		7.0	21	ug/Kg-dry	1	02-Jun-2016 20:58
Aroclor 1232	U		5.6	21	ug/Kg-dry	1	02-Jun-2016 20:58
Aroclor 1242	U		7.3	21	ug/Kg-dry	1	02-Jun-2016 20:58
Aroclor 1248	U		7.3	21	ug/Kg-dry	1	02-Jun-2016 20:58
Aroclor 1254	U		5.8	21	ug/Kg-dry	1	02-Jun-2016 20:58
Aroclor 1260	U		3.0	21	ug/Kg-dry	1	02-Jun-2016 20:58
<i>Surr: Decachlorobiphenyl</i>	93.6			54-143	%REC	1	02-Jun-2016 20:58
<i>Surr: Tetrachloro-m-xylene</i>	77.5			50-140	%REC	1	02-Jun-2016 20:58
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	19.7		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-165  
 Collection Date: 23-May-2016 13:50

**ANALYTICAL REPORT**  
 WorkOrder:HS16051515  
 Lab ID:HS16051515-08  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 03-Jun-2016		Analyst: STH
Aroclor 1016	U		5.0	20	ug/Kg-dry	1	03-Jun-2016 19:27
Aroclor 1221	U		6.7	20	ug/Kg-dry	1	03-Jun-2016 19:27
Aroclor 1232	U		5.4	20	ug/Kg-dry	1	03-Jun-2016 19:27
Aroclor 1242	U		7.1	20	ug/Kg-dry	1	03-Jun-2016 19:27
Aroclor 1248	U		7.1	20	ug/Kg-dry	1	03-Jun-2016 19:27
Aroclor 1254	U		5.6	20	ug/Kg-dry	1	03-Jun-2016 19:27
Aroclor 1260	U		2.9	20	ug/Kg-dry	1	03-Jun-2016 19:27
<i>Surr: Decachlorobiphenyl</i>	90.8			54-143	%REC	1	03-Jun-2016 19:27
<i>Surr: Tetrachloro-m-xylene</i>	87.1			50-140	%REC	1	03-Jun-2016 19:27
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	16.6		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-167  
 Collection Date: 23-May-2016 15:25

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-09  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 03-Jun-2016		Analyst: STH
Aroclor 1016	U		5.2	21	ug/Kg-dry	1	03-Jun-2016 19:44
Aroclor 1221	U		7.0	21	ug/Kg-dry	1	03-Jun-2016 19:44
Aroclor 1232	U		5.6	21	ug/Kg-dry	1	03-Jun-2016 19:44
Aroclor 1242	U		7.3	21	ug/Kg-dry	1	03-Jun-2016 19:44
Aroclor 1248	U		7.3	21	ug/Kg-dry	1	03-Jun-2016 19:44
Aroclor 1254	U		5.8	21	ug/Kg-dry	1	03-Jun-2016 19:44
Aroclor 1260	U		3.0	21	ug/Kg-dry	1	03-Jun-2016 19:44
<i>Surr: Decachlorobiphenyl</i>	100			54-143	%REC	1	03-Jun-2016 19:44
<i>Surr: Tetrachloro-m-xylene</i>	82.4			50-140	%REC	1	03-Jun-2016 19:44
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>19.9</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-166  
 Collection Date: 23-May-2016 15:15

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-10  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 31-May-2016		Analyst: NPI
Aroclor 1016	U		4.4	17	ug/Kg-dry	1	31-May-2016 22:41
Aroclor 1221	U		5.8	17	ug/Kg-dry	1	31-May-2016 22:41
Aroclor 1232	U		4.7	17	ug/Kg-dry	1	31-May-2016 22:41
Aroclor 1242	U		6.2	17	ug/Kg-dry	1	31-May-2016 22:41
Aroclor 1248	U		6.2	17	ug/Kg-dry	1	31-May-2016 22:41
Aroclor 1254	U		4.9	17	ug/Kg-dry	1	31-May-2016 22:41
Aroclor 1260	U		2.5	17	ug/Kg-dry	1	31-May-2016 22:41
Surr: Decachlorobiphenyl	99.2			54-143	%REC	1	31-May-2016 22:41
Surr: Tetrachloro-m-xylene	88.0			50-140	%REC	1	31-May-2016 22:41
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	4.73		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-168  
 Collection Date: 23-May-2016 15:25

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-11  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 01-Jun-2016		Analyst: NPI
Aroclor 1016	U		5.2	21	ug/Kg-dry	1	01-Jun-2016 20:50
Aroclor 1221	U		6.9	21	ug/Kg-dry	1	01-Jun-2016 20:50
Aroclor 1232	U		5.5	21	ug/Kg-dry	1	01-Jun-2016 20:50
Aroclor 1242	U		7.3	21	ug/Kg-dry	1	01-Jun-2016 20:50
Aroclor 1248	U		7.3	21	ug/Kg-dry	1	01-Jun-2016 20:50
Aroclor 1254	U		5.8	21	ug/Kg-dry	1	01-Jun-2016 20:50
Aroclor 1260	U		3.0	21	ug/Kg-dry	1	01-Jun-2016 20:50
<i>Surr: Decachlorobiphenyl</i>	92.8			54-143	%REC	1	01-Jun-2016 20:50
<i>Surr: Tetrachloro-m-xylene</i>	73.0			50-140	%REC	1	01-Jun-2016 20:50
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	19.2		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-169  
 Collection Date: 24-May-2016 11:45

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-12  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 03-Jun-2016		Analyst: STH
Aroclor 1016	U		5.2	21	ug/Kg-dry	1	03-Jun-2016 20:00
Aroclor 1221	U		6.9	21	ug/Kg-dry	1	03-Jun-2016 20:00
Aroclor 1232	U		5.5	21	ug/Kg-dry	1	03-Jun-2016 20:00
Aroclor 1242	U		7.3	21	ug/Kg-dry	1	03-Jun-2016 20:00
Aroclor 1248	U		7.3	21	ug/Kg-dry	1	03-Jun-2016 20:00
Aroclor 1254	U		5.8	21	ug/Kg-dry	1	03-Jun-2016 20:00
Aroclor 1260	U		3.0	21	ug/Kg-dry	1	03-Jun-2016 20:00
<i>Surr: Decachlorobiphenyl</i>	91.2			54-143	%REC	1	03-Jun-2016 20:00
<i>Surr: Tetrachloro-m-xylene</i>	85.0			50-140	%REC	1	03-Jun-2016 20:00
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>18.9</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-170  
 Collection Date: 23-May-2016 16:55

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-13  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 03-Jun-2016		Analyst: STH
Aroclor 1016	U		5.7	23	ug/Kg-dry	1	03-Jun-2016 20:16
Aroclor 1221	U		7.6	23	ug/Kg-dry	1	03-Jun-2016 20:16
Aroclor 1232	U		6.1	23	ug/Kg-dry	1	03-Jun-2016 20:16
Aroclor 1242	U		8.0	23	ug/Kg-dry	1	03-Jun-2016 20:16
Aroclor 1248	U		8.0	23	ug/Kg-dry	1	03-Jun-2016 20:16
Aroclor 1254	U		6.4	23	ug/Kg-dry	1	03-Jun-2016 20:16
Aroclor 1260	U		3.3	23	ug/Kg-dry	1	03-Jun-2016 20:16
Surr: Decachlorobiphenyl	85.3			54-143	%REC	1	03-Jun-2016 20:16
Surr: Tetrachloro-m-xylene	77.0			50-140	%REC	1	03-Jun-2016 20:16
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	26.5		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-171  
 Collection Date: 23-May-2016 17:00

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-14  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 03-Jun-2016		Analyst: STH
Aroclor 1016	U		4.9	20	ug/Kg-dry	1	03-Jun-2016 20:32
Aroclor 1221	U		6.5	20	ug/Kg-dry	1	03-Jun-2016 20:32
Aroclor 1232	U		5.3	20	ug/Kg-dry	1	03-Jun-2016 20:32
Aroclor 1242	U		6.9	20	ug/Kg-dry	1	03-Jun-2016 20:32
Aroclor 1248	U		6.9	20	ug/Kg-dry	1	03-Jun-2016 20:32
Aroclor 1254	U		5.5	20	ug/Kg-dry	1	03-Jun-2016 20:32
Aroclor 1260	U		2.8	20	ug/Kg-dry	1	03-Jun-2016 20:32
<i>Surr: Decachlorobiphenyl</i>	99.0			54-143	%REC	1	03-Jun-2016 20:32
<i>Surr: Tetrachloro-m-xylene</i>	83.3			50-140	%REC	1	03-Jun-2016 20:32
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	14.6		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-172  
 Collection Date: 24-May-2016 09:05

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-15  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 03-Jun-2016		Analyst: STH
Aroclor 1016	U		5.2	21	ug/Kg-dry	1	03-Jun-2016 21:21
Aroclor 1221	U		6.9	21	ug/Kg-dry	1	03-Jun-2016 21:21
Aroclor 1232	U		5.6	21	ug/Kg-dry	1	03-Jun-2016 21:21
Aroclor 1242	U		7.3	21	ug/Kg-dry	1	03-Jun-2016 21:21
Aroclor 1248	U		7.3	21	ug/Kg-dry	1	03-Jun-2016 21:21
Aroclor 1254	U		5.8	21	ug/Kg-dry	1	03-Jun-2016 21:21
Aroclor 1260	U		3.0	21	ug/Kg-dry	1	03-Jun-2016 21:21
<i>Surr: Decachlorobiphenyl</i>	76.7			54-143	%REC	1	03-Jun-2016 21:21
<i>Surr: Tetrachloro-m-xylene</i>	64.8			50-140	%REC	1	03-Jun-2016 21:21
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>19.1</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-173  
 Collection Date: 24-May-2016 09:45

**ANALYTICAL REPORT**  
 WorkOrder:HS16051515  
 Lab ID:HS16051515-16  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 03-Jun-2016		Analyst: STH
Aroclor 1016	U		4.8	19	ug/Kg-dry	1	03-Jun-2016 22:26
Aroclor 1221	U		6.4	19	ug/Kg-dry	1	03-Jun-2016 22:26
Aroclor 1232	U		5.2	19	ug/Kg-dry	1	03-Jun-2016 22:26
Aroclor 1242	U		6.8	19	ug/Kg-dry	1	03-Jun-2016 22:26
Aroclor 1248	U		6.8	19	ug/Kg-dry	1	03-Jun-2016 22:26
Aroclor 1254	U		5.4	19	ug/Kg-dry	1	03-Jun-2016 22:26
Aroclor 1260	U		2.7	19	ug/Kg-dry	1	03-Jun-2016 22:26
<i>Surr: Decachlorobiphenyl</i>	89.4			54-143	%REC	1	03-Jun-2016 22:26
<i>Surr: Tetrachloro-m-xylene</i>	72.9			50-140	%REC	1	03-Jun-2016 22:26
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
Percent Moisture	12.9		0.0100	0.0100	wt%	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103D1058231  
 Sample ID: DPTS-174  
 Collection Date: 24-May-2016 12:15

**ANALYTICAL REPORT**

WorkOrder:HS16051515  
 Lab ID:HS16051515-17  
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>		<b>Method:SW8082</b>			Prep:SW3546/3665A / 03-Jun-2016		Analyst: STH
Aroclor 1016	U		5.2	21	ug/Kg-dry	1	03-Jun-2016 22:42
Aroclor 1221	U		6.9	21	ug/Kg-dry	1	03-Jun-2016 22:42
Aroclor 1232	U		5.5	21	ug/Kg-dry	1	03-Jun-2016 22:42
Aroclor 1242	U		7.3	21	ug/Kg-dry	1	03-Jun-2016 22:42
Aroclor 1248	U		7.3	21	ug/Kg-dry	1	03-Jun-2016 22:42
Aroclor 1254	U		5.8	21	ug/Kg-dry	1	03-Jun-2016 22:42
Aroclor 1260	U		2.9	21	ug/Kg-dry	1	03-Jun-2016 22:42
<i>Surr: Decachlorobiphenyl</i>	106			54-143	%REC	1	03-Jun-2016 22:42
<i>Surr: Tetrachloro-m-xylene</i>	90.5			50-140	%REC	1	03-Jun-2016 22:42
<b>MOISTURE - ASTM D2216</b>		<b>Method:ASTM D2216</b>					Analyst: DFF
<b>Percent Moisture</b>	<b>18.9</b>		<b>0.0100</b>	<b>0.0100</b>	<b>wt%</b>	1	27-May-2016 09:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

## WEIGHT LOG

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**Batch ID:** 104804      **Method:** PCBS BY SW8082A      **Prep:** PCBPR\_MW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS16051515-10	1	15.08	5 (mL)	0.3316

**Batch ID:** 104878      **Method:** PCBS BY SW8082A      **Prep:** PCBPR\_MW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS16051515-11	1	15.08	5 (mL)	0.3316

**Batch ID:** 104952      **Method:** PCBS BY SW8082A      **Prep:** PCBPR\_MW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS16051515-08	1	15.03	5 (mL)	0.3327
HS16051515-09	1	15.05	5 (mL)	0.3322
HS16051515-12	1	15.04	5 (mL)	0.3324
HS16051515-13	1	15.06	5 (mL)	0.332
HS16051515-14	1	15.02	5 (mL)	0.3329
HS16051515-15	1	15.02	5 (mL)	0.3329
HS16051515-16	1	15.03	5 (mL)	0.3327
HS16051515-17	1	15.05	5 (mL)	0.3322

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
<b>Batch ID</b> 104804		<b>Test Name :</b> PCBS BY SW8082A		<b>Matrix:</b> Soil		
HS16051515-10	DPTS-166	23 May 2016 15:15		31 May 2016 12:13	31 May 2016 22:41	1
<b>Batch ID</b> 104878		<b>Test Name :</b> PCBS BY SW8082A		<b>Matrix:</b> Soil		
HS16051515-11	DPTS-168	23 May 2016 15:25		01 Jun 2016 16:36	01 Jun 2016 20:50	1
<b>Batch ID</b> 104918a		<b>Test Name :</b> PCBS BY SW8082A		<b>Matrix:</b> Soil		
HS16051515-01	DPTS-158	23 May 2016 14:45		02 Jun 2016 14:16	02 Jun 2016 18:32	1
HS16051515-02	DPTS-159	23 May 2016 09:05		02 Jun 2016 14:16	02 Jun 2016 18:48	1
HS16051515-03	DPTS-160	23 May 2016 09:10		02 Jun 2016 14:16	02 Jun 2016 19:04	1
HS16051515-04	DPTS-161	23 May 2016 10:40		02 Jun 2016 14:16	02 Jun 2016 20:09	1
HS16051515-05	DPTS-162	23 May 2016 10:50		02 Jun 2016 14:16	02 Jun 2016 20:26	1
HS16051515-06	DPTS-163	23 May 2016 10:50		02 Jun 2016 14:16	02 Jun 2016 20:42	1
HS16051515-07	DPTS-164	23 May 2016 13:40		02 Jun 2016 14:16	02 Jun 2016 20:58	1
<b>Batch ID</b> 104952		<b>Test Name :</b> PCBS BY SW8082A		<b>Matrix:</b> Soil		
HS16051515-08	DPTS-165	23 May 2016 13:50		03 Jun 2016 09:12	03 Jun 2016 19:27	1
HS16051515-09	DPTS-167	23 May 2016 15:25		03 Jun 2016 09:12	03 Jun 2016 19:44	1
HS16051515-12	DPTS-169	24 May 2016 11:45		03 Jun 2016 09:12	03 Jun 2016 20:00	1
HS16051515-13	DPTS-170	23 May 2016 16:55		03 Jun 2016 09:12	03 Jun 2016 20:16	1
HS16051515-14	DPTS-171	23 May 2016 17:00		03 Jun 2016 09:12	03 Jun 2016 20:32	1
HS16051515-15	DPTS-172	24 May 2016 09:05		03 Jun 2016 09:12	03 Jun 2016 21:21	1
HS16051515-16	DPTS-173	24 May 2016 09:45		03 Jun 2016 09:12	03 Jun 2016 22:26	1
HS16051515-17	DPTS-174	24 May 2016 12:15		03 Jun 2016 09:12	03 Jun 2016 22:42	1
<b>Batch ID</b> R275308		<b>Test Name :</b> MOISTURE - ASTM D2216		<b>Matrix:</b> Soil		
HS16051515-01	DPTS-158	23 May 2016 14:45			27 May 2016 09:55	1
HS16051515-02	DPTS-159	23 May 2016 09:05			27 May 2016 09:55	1
HS16051515-03	DPTS-160	23 May 2016 09:10			27 May 2016 09:55	1
HS16051515-04	DPTS-161	23 May 2016 10:40			27 May 2016 09:55	1
HS16051515-05	DPTS-162	23 May 2016 10:50			27 May 2016 09:55	1
HS16051515-06	DPTS-163	23 May 2016 10:50			27 May 2016 09:55	1
HS16051515-07	DPTS-164	23 May 2016 13:40			27 May 2016 09:55	1
HS16051515-08	DPTS-165	23 May 2016 13:50			27 May 2016 09:55	1
HS16051515-09	DPTS-167	23 May 2016 15:25			27 May 2016 09:55	1
HS16051515-10	DPTS-166	23 May 2016 15:15			27 May 2016 09:55	1
HS16051515-11	DPTS-168	23 May 2016 15:25			27 May 2016 09:55	1
HS16051515-12	DPTS-169	24 May 2016 11:45			27 May 2016 09:55	1
HS16051515-13	DPTS-170	23 May 2016 16:55			27 May 2016 09:55	1
HS16051515-14	DPTS-171	23 May 2016 17:00			27 May 2016 09:55	1
HS16051515-15	DPTS-172	24 May 2016 09:05			27 May 2016 09:55	1
HS16051515-16	DPTS-173	24 May 2016 09:45			27 May 2016 09:55	1
HS16051515-17	DPTS-174	24 May 2016 12:15			27 May 2016 09:55	1

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QC BATCH REPORT**

<b>Batch ID:</b> 104804	<b>Instrument:</b> ECD_7	<b>Method:</b> SW8082
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<b>MBLK</b>	Sample ID: <b>MBLK-104804</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>31-May-2016 22:08</b>							
Client ID:	Run ID: <b>ECD_7_275457</b>	SeqNo: <b>3706364</b>	PrepDate: <b>31-May-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aroclor 1016	U	17								
Aroclor 1221	U	17								
Aroclor 1232	U	17								
Aroclor 1242	U	17								
Aroclor 1248	U	17								
Aroclor 1254	U	17								
Aroclor 1260	U	17								
<i>Surr: Decachlorobiphenyl</i>	7.176	1.6	6.667	0	108	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	6.819	1.6	6.667	0	102	50 - 140				

<b>LCS</b>	Sample ID: <b>LCS-104804</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>31-May-2016 22:24</b>							
Client ID:	Run ID: <b>ECD_7_275457</b>	SeqNo: <b>3706365</b>	PrepDate: <b>31-May-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aroclor 1016	125.1	17	166.7	0	75.1	53 - 135				
Aroclor 1260	147.2	17	166.7	0	88.3	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	5.74	1.6	6.667	0	86.1	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	5.224	1.6	6.667	0	78.4	50 - 140				

<b>MS</b>	Sample ID: <b>HS16051515-10MS</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>31-May-2016 22:57</b>							
Client ID: <b>DPTS-166</b>	Run ID: <b>ECD_7_275457</b>	SeqNo: <b>3706367</b>	PrepDate: <b>31-May-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aroclor 1016	150.9	17	166	0	90.9	53 - 135				
Aroclor 1260	189	17	166	0	114	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	7.54	1.6	6.64	0	114	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	5.6	1.6	6.64	0	84.3	50 - 140				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QC BATCH REPORT**

**Batch ID:** 104804      **Instrument:** ECD\_7      **Method:** SW8082

**MSD**      Sample ID: **HS16051515-10MSD**      Units: **ug/Kg**      Analysis Date: **31-May-2016 23:13**  
 Client ID: **DPTS-166**      Run ID: **ECD\_7\_275457**      SeqNo: **3706368**      PrepDate: **31-May-2016**      DF: **1**  
 Analyte      Result      PQL      SPK Val      SPK Ref Value      %REC      Control Limit      RPD Ref Value      %RPD      RPD Limit Qual

Aroclor 1016	159.1	17	165.9	0	95.9	53 - 135	150.9	5.24	30
Aroclor 1260	194.9	17	165.9	0	117	54 - 137	189	3.07	30
<i>Surr: Decachlorobiphenyl</i>	<i>7.864</i>	<i>1.6</i>	<i>6.636</i>	<i>0</i>	<i>119</i>	<i>54 - 143</i>	<i>7.54</i>	<i>4.21</i>	<i>30</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>5.901</i>	<i>1.6</i>	<i>6.636</i>	<i>0</i>	<i>88.9</i>	<i>50 - 140</i>	<i>5.6</i>	<i>5.24</i>	<i>30</i>

The following samples were analyzed in this batch: HS16051515-10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QC BATCH REPORT**

**Batch ID:** 104878      **Instrument:** ECD\_7      **Method:** SW8082

<b>MBLK</b>		Sample ID: <b>MBLK-104878</b>		Units: <b>ug/Kg</b>		Analysis Date: <b>01-Jun-2016 19:29</b>				
Client ID:		Run ID: <b>ECD_7_275571</b>		SeqNo: <b>3707598</b>		PrepDate: <b>01-Jun-2016</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	17								
Aroclor 1221	U	17								
Aroclor 1232	U	17								
Aroclor 1242	U	17								
Aroclor 1248	U	17								
Aroclor 1254	U	17								
Aroclor 1260	U	17								
<i>Surr: Decachlorobiphenyl</i>	7.269	1.6	6.667	0	109	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	6.796	1.6	6.667	0	102	50 - 140				

<b>LCS</b>		Sample ID: <b>LCS-104878</b>		Units: <b>ug/Kg</b>		Analysis Date: <b>01-Jun-2016 19:45</b>				
Client ID:		Run ID: <b>ECD_7_275571</b>		SeqNo: <b>3707599</b>		PrepDate: <b>01-Jun-2016</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	155.4	17	166.7	0	93.2	53 - 135				
Aroclor 1260	175.1	17	166.7	0	105	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	7.145	1.6	6.667	0	107	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	6.49	1.6	6.667	0	97.3	50 - 140				

<b>MS</b>		Sample ID: <b>HS16051515-11MS</b>		Units: <b>ug/Kg</b>		Analysis Date: <b>01-Jun-2016 21:06</b>				
Client ID: <b>DPTS-168</b>		Run ID: <b>ECD_7_275571</b>		SeqNo: <b>3707604</b>		PrepDate: <b>01-Jun-2016</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	132.4	17	166	0	79.7	53 - 135				
Aroclor 1260	154.7	17	166	0	93.1	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	6.791	1.6	6.64	0	102	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	5.031	1.6	6.64	0	75.8	50 - 140				

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QC BATCH REPORT**

**Batch ID:** 104878      **Instrument:** ECD\_7      **Method:** SW8082

**MSD**      Sample ID: **HS16051515-11MSD**      Units: **ug/Kg**      Analysis Date: **01-Jun-2016 21:22**  
**Client ID:** **DPTS-168**      **Run ID:** **ECD\_7\_275571**      **SeqNo:** **3707605**      **PrepDate:** **01-Jun-2016**      **DF:** **1**  
**Analyte**      **Result**      **PQL**      **SPK Val**      **SPK Ref Value**      **%REC**      **Control Limit**      **RPD Ref Value**      **%RPD**      **RPD Limit**      **Qual**

Aroclor 1016	129.1	17	166.1	0	77.7	53 - 135	132.4	2.53	30
Aroclor 1260	159.4	17	166.1	0	95.9	54 - 137	154.7	3.02	30
<i>Surr: Decachlorobiphenyl</i>	6.337	1.6	6.645	0	95.4	54 - 143	6.791	6.92	30
<i>Surr: Tetrachloro-m-xylene</i>	4.712	1.6	6.645	0	70.9	50 - 140	5.031	6.53	30

The following samples were analyzed in this batch: HS16051515-11

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QC BATCH REPORT**

<b>Batch ID:</b> 104918a	<b>Instrument:</b> ECD_7	<b>Method:</b> SW8082
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<b>MBLK</b>	Sample ID: <b>MBLK-104918</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>02-Jun-2016 17:11</b>							
Client ID:	Run ID: <b>ECD_7_275650</b>	SeqNo: <b>3709203</b>	PrepDate: <b>02-Jun-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aroclor 1016	U	17								
Aroclor 1221	U	17								
Aroclor 1232	U	17								
Aroclor 1242	U	17								
Aroclor 1248	U	17								
Aroclor 1254	U	17								
Aroclor 1260	U	17								
<i>Surr: Decachlorobiphenyl</i>	6.602	1.6	6.667	0	99.0	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	7.064	1.6	6.667	0	106	50 - 140				

<b>LCS</b>	Sample ID: <b>LCS-104918</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>02-Jun-2016 17:27</b>							
Client ID:	Run ID: <b>ECD_7_275650</b>	SeqNo: <b>3709204</b>	PrepDate: <b>02-Jun-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aroclor 1016	168.9	17	166.7	0	101	53 - 135				
Aroclor 1260	163	17	166.7	0	97.8	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	6.994	1.6	6.667	0	105	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	6.931	1.6	6.667	0	104	50 - 140				

<b>MS</b>	Sample ID: <b>HS16051515-03MS</b>	Units: <b>ug/Kg</b>	Analysis Date: <b>02-Jun-2016 19:21</b>							
Client ID: <b>DPTS-160</b>	Run ID: <b>ECD_7_275650</b>	SeqNo: <b>3709211</b>	PrepDate: <b>02-Jun-2016</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aroclor 1016	140.4	17	166.6	0	84.3	53 - 135				
Aroclor 1260	149.7	17	166.6	0	89.9	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	6.303	1.6	6.663	0	94.6	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	5.989	1.6	6.663	0	89.9	50 - 140				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QC BATCH REPORT**

**Batch ID:** 104918a      **Instrument:** ECD\_7      **Method:** SW8082

**MSD**      Sample ID: **HS16051515-03MSD**      Units: **ug/Kg**      Analysis Date: **02-Jun-2016 19:37**  
**Client ID:** **DPTS-160**      **Run ID:** **ECD\_7\_275650**      **SeqNo:** **3709212**      **PrepDate:** **02-Jun-2016**      **DF:** **1**  
**Analyte**      **Result**      **PQL**      **SPK Val**      **SPK Ref Value**      **%REC**      **Control Limit**      **RPD Ref Value**      **%RPD**      **RPD Limit**      **Qual**

Aroclor 1016	141	17	165.8	0	85.0	53 - 135	140.4	0.426	30
Aroclor 1260	156.9	17	165.8	0	94.6	54 - 137	149.7	4.72	30
<i>Surr: Decachlorobiphenyl</i>	<i>6.547</i>	<i>1.6</i>	<i>6.632</i>	<i>0</i>	<i>98.7</i>	<i>54 - 143</i>	<i>6.303</i>	<i>3.8</i>	<i>30</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>6.267</i>	<i>1.6</i>	<i>6.632</i>	<i>0</i>	<i>94.5</i>	<i>50 - 140</i>	<i>5.989</i>	<i>4.54</i>	<i>30</i>

**The following samples were analyzed in this batch:**

HS16051515-01	HS16051515-02	HS16051515-03	HS16051515-04
HS16051515-05	HS16051515-06	HS16051515-07	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QC BATCH REPORT**

**Batch ID:** 104952      **Instrument:** ECD\_7      **Method:** SW8082

<b>MBLK</b>		Sample ID: <b>MBLK-104952</b>		Units: <b>ug/Kg</b>		Analysis Date: <b>03-Jun-2016 21:37</b>				
Client ID:		Run ID: <b>ECD_7_275712</b>		SeqNo: <b>3711271</b>		PrepDate: <b>03-Jun-2016</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	17								
Aroclor 1221	U	17								
Aroclor 1232	U	17								
Aroclor 1242	U	17								
Aroclor 1248	U	17								
Aroclor 1254	U	17								
Aroclor 1260	U	17								
<i>Surr: Decachlorobiphenyl</i>	7.971	1.6	6.667	0	120	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	7.053	1.6	6.667	0	106	50 - 140				

<b>LCS</b>		Sample ID: <b>LCS-104952</b>		Units: <b>ug/Kg</b>		Analysis Date: <b>03-Jun-2016 21:53</b>				
Client ID:		Run ID: <b>ECD_7_275712</b>		SeqNo: <b>3711272</b>		PrepDate: <b>03-Jun-2016</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	173.3	17	166.7	0	104	53 - 135				
Aroclor 1260	185.7	17	166.7	0	111	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	8.051	1.6	6.667	0	121	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	7.296	1.6	6.667	0	109	50 - 140				

<b>MS</b>		Sample ID: <b>HS16051515-14MS</b>		Units: <b>ug/Kg</b>		Analysis Date: <b>03-Jun-2016 20:48</b>				
Client ID: <b>DPTS-171</b>		Run ID: <b>ECD_7_275712</b>		SeqNo: <b>3711268</b>		PrepDate: <b>03-Jun-2016</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	123.3	17	165.9	0	74.3	53 - 135				
Aroclor 1260	139	17	165.9	0	83.8	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	5.697	1.6	6.636	0	85.9	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	5.232	1.6	6.636	0	78.8	50 - 140				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QC BATCH REPORT**

<b>Batch ID: 104952</b>		<b>Instrument: ECD_7</b>		<b>Method: SW8082</b>					
<b>MSD</b>	Sample ID: <b>HS16051515-14MSD</b>	Units: <b>ug/Kg</b>			Analysis Date: <b>03-Jun-2016 21:05</b>				
Client ID: <b>DPTS-171</b>	Run ID: <b>ECD_7_275712</b>	SeqNo: <b>3711269</b>		PrepDate: <b>03-Jun-2016</b>		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aroclor 1016	139	17	166	0	83.7	53 - 135	123.3	11.9	30
Aroclor 1260	168.3	17	166	0	101	54 - 137	139	19.1	30
<i>Surr: Decachlorobiphenyl</i>	<i>7.273</i>	<i>1.6</i>	<i>6.64</i>	<i>0</i>	<i>110</i>	<i>54 - 143</i>	<i>5.697</i>	<i>24.3</i>	<i>30</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>6.342</i>	<i>1.6</i>	<i>6.64</i>	<i>0</i>	<i>95.5</i>	<i>50 - 140</i>	<i>5.232</i>	<i>19.2</i>	<i>30</i>

The following samples were analyzed in this batch:

HS16051515-08	HS16051515-09	HS16051515-12	HS16051515-13
HS16051515-14	HS16051515-15	HS16051515-16	HS16051515-17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QC BATCH REPORT**

<b>Batch ID:</b> R275308	<b>Instrument:</b> Balance1	<b>Method:</b> ASTM D2216
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<b>DUP</b>	Sample ID: <b>HS16051515-17DUP</b>	Units: <b>wt%</b>	Analysis Date: <b>27-May-2016 09:55</b>							
Client ID:	Run ID: <b>Balance1_275308</b>	SeqNo: <b>3704292</b>	PrepDate: DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Percent Moisture	19	0.0100	18.9	0.528	20
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<b>The following samples were analyzed in this batch:</b>	HS16051515-01	HS16051515-02	HS16051515-03	HS16051515-04
	HS16051515-05	HS16051515-06	HS16051515-07	HS16051515-08
	HS16051515-09	HS16051515-10	HS16051515-11	HS16051515-12
	HS16051515-13	HS16051515-14	HS16051515-15	HS16051515-16
	HS16051515-17			

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**WorkOrder:** HS16051515

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

<b>Acronym</b>	<b>Description</b>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

**Unit Reported Description**

Date

**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

<b>Agency</b>	<b>Number</b>	<b>Expire Date</b>
Arkansas	16-022-0	27-Mar-2017
California	2919	31-Jul-2016
Kansas	E-10352 2014-2015	31-Jul-2016
Kentucky	96 2016-2017	30-Apr-2017
Louisiana	03087 2015/2016	30-Jun-2016
North Carolina	624 - 2016	31-Dec-2016
North Dakota	R193 2016-2017	30-Apr-2017
Oklahoma	2015-047	31-Aug-2016
Texas	TX104704231-16-17	30-Apr-2017



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103D1058231  
**Work Order:** HS16051515

**SAMPLE TRACKING**

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS16051515-01	DPTS-158	Login	5/26/2016 1:34:55 PM	PMG	14D
HS16051515-02	DPTS-159	Login	5/26/2016 1:37:04 PM	PMG	14D
HS16051515-03	DPTS-160	Login	5/26/2016 1:37:04 PM	PMG	14D
HS16051515-04	DPTS-161	Login	5/26/2016 1:37:04 PM	PMG	14D
HS16051515-05	DPTS-162	Login	5/26/2016 1:37:04 PM	PMG	14D
HS16051515-06	DPTS-163	Login	5/26/2016 1:37:04 PM	PMG	14D
HS16051515-07	DPTS-164	Login	5/26/2016 1:37:04 PM	PMG	14D
HS16051515-08	DPTS-165	Login	5/26/2016 1:37:04 PM	PMG	14D
HS16051515-09	DPTS-167	Login	5/26/2016 1:37:04 PM	PMG	14D
HS16051515-10	DPTS-166	Login	5/26/2016 1:37:04 PM	PMG	14D
HS16051515-11	DPTS-168	Login	5/26/2016 1:38:39 PM	PMG	14D
HS16051515-12	DPTS-169	Login	5/26/2016 1:38:39 PM	PMG	14D
HS16051515-13	DPTS-170	Login	5/26/2016 1:38:39 PM	PMG	14D
HS16051515-14	DPTS-171	Login	5/26/2016 1:38:39 PM	PMG	14D
HS16051515-15	DPTS-172	Login	5/26/2016 1:38:39 PM	PMG	14D
HS16051515-16	DPTS-173	Login	5/26/2016 1:38:39 PM	PMG	14D
HS16051515-17	DPTS-174	Login	5/26/2016 1:38:39 PM	PMG	14D

Sample Receipt Checklist

Client Name: TETRATECH-KS CITY, MO  
 Work Order: HS16051515

Date/Time Received: **26-May-2016 08:50**  
 Received by: **RPG**

Checklist completed by: Paresh M. Giga 26-May-2016 Reviewed by: Dane J. Wacasey 27-May-2016  
 eSignature Date eSignature Date

Matrices: **Soil** Carrier name: **FedEx**

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- TX1005 solids received in hermetically sealed vials? Yes  No  N/A
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No

Temperature(s)/Thermometer(s): 1.0c/1.7c U/C IR4  
 Cooler(s)/Kit(s): 24540  
 Date/Time sample(s) sent to storage: 5/26/16 13:50

- Water - VOA vials have zero headspace? Yes  No  No VOA vials submitted
- Water - pH acceptable upon receipt? Yes  No  N/A
- pH adjusted? Yes  No  N/A

pH adjusted by:

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

(b) (6)

(b) (6)

(b) (6)

[Redacted text block]

(b) (6)  
(b) (6)

(b) (6)

 <b>ALS Environmental</b> 10450 Stancliff Rd., Suite 214 Houston, Texas 77099 Tel. +1 281 530 5658 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By:
	Date: 5-25-16	Time: 1730	C-11
	Name: Adam W. [unclear]		Date:
	Company: TARA TECH		05/26/16

24540 MAY 26 2016

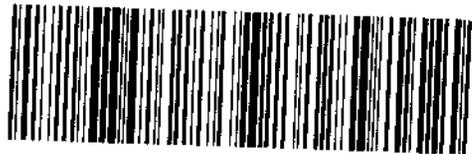
2 of 2

MPS# 0263 7832 0960 3357

Metr# 7832 0960 3348

THU - 26 MAY 10:30A  
 PRIORITY OVERNIGHT

**NH SGRA** 24540 77099  
 TX-US IAH





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10450 Stancliff Rd. Suite 210  
Houston, TX 77099  
T: +1 281 530 5656  
F: +1 281 530 5887  
www.alsglobal.com

June 07, 2016

Adam Watkins  
Tetra Tech, Inc.  
415 Oak Street  
Kansas City, MO 64106

Work Order: **HS16051527**

Laboratory Results for: **GSA Goodfellow 103P1058231**

Dear Adam,

ALS Environmental received 3 sample(s) on May 26, 2016 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

(b) (6)

Generated By: Dayna.Fisher  
Dane J. Wacasey

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051527

**SAMPLE SUMMARY**

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Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS16051527-01	DPTGW-101	Water		23-May-2016 15:35	26-May-2016 08:50	<input type="checkbox"/>
HS16051527-02	EB-1	Water		24-May-2016 13:30	26-May-2016 08:50	<input type="checkbox"/>
HS16051527-03	Trip Blank-TSP-05/20/16-01	Water		23-May-2016 12:00	26-May-2016 08:50	<input type="checkbox"/>

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**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051527

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**CASE NARRATIVE**

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**Work Order Comments**

- Containers for sample Trip Blank-TSP-05/20/16-01 were received broken in transit. Insufficient volume remained for analysis.
- 

**ECD Organics by Method SW8082**

**Batch ID: 104756a**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
- 

**GCMS Semivolatiles by Method SW8270**

**Batch ID: 104752**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
- 

**GCMS Volatiles by Method SW8260**

**Batch ID: R275707**

- Sample ID: **HS16060086-02**
- MSD is for an unrelated sample.
-



Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: DPTGW-101  
 Collection Date: 23-May-2016 15:35

**ANALYTICAL REPORT**  
 WorkOrder:HS16051527  
 Lab ID:HS16051527-01  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>			<b>Method:SW8082</b>			Prep:SW3510C/3665A / 27-May-2016	Analyst: NPI
Aroclor 1016	U		0.100	0.500	ug/L	1	31-May-2016 21:19
Aroclor 1221	U		0.500	0.500	ug/L	1	31-May-2016 21:19
Aroclor 1232	U		0.500	0.500	ug/L	1	31-May-2016 21:19
Aroclor 1242	U		0.500	0.500	ug/L	1	31-May-2016 21:19
Aroclor 1248	U		0.500	0.500	ug/L	1	31-May-2016 21:19
Aroclor 1254	U		0.500	0.500	ug/L	1	31-May-2016 21:19
Aroclor 1260	U		0.100	0.500	ug/L	1	31-May-2016 21:19
<i>Surr: Decachlorobiphenyl</i>		100.0		54-140	%REC	1	31-May-2016 21:19
<i>Surr: Tetrachloro-m-xylene</i>		85.8		53-137	%REC	1	31-May-2016 21:19

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: EB-1  
 Collection Date: 24-May-2016 13:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051527  
 Lab ID:HS16051527-02  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>					Analyst: PC
1,1,1-Trichloroethane	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
1,1,2,2-Tetrachloroethane	U		0.50	1.0	ug/L	1	04-Jun-2016 12:51
1,1,2-Trichlor-1,2,2-trifluoroethane	U		1.0	1.0	ug/L	1	04-Jun-2016 12:51
1,1,2-Trichloroethane	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
1,1-Dichloroethane	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
1,1-Dichloroethene	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
1,2,4-Trichlorobenzene	U		0.50	1.0	ug/L	1	04-Jun-2016 12:51
1,2-Dibromo-3-chloropropane	U		1.0	1.0	ug/L	1	04-Jun-2016 12:51
1,2-Dibromoethane	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
1,2-Dichlorobenzene	U		0.50	1.0	ug/L	1	04-Jun-2016 12:51
1,2-Dichloroethane	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
1,2-Dichloropropane	U		0.50	1.0	ug/L	1	04-Jun-2016 12:51
1,3-Dichlorobenzene	U		0.40	1.0	ug/L	1	04-Jun-2016 12:51
1,4-Dichlorobenzene	U		0.40	1.0	ug/L	1	04-Jun-2016 12:51
2-Butanone	U		0.50	2.0	ug/L	1	04-Jun-2016 12:51
2-Hexanone	U		1.0	2.0	ug/L	1	04-Jun-2016 12:51
4-Methyl-2-pentanone	U		0.70	2.0	ug/L	1	04-Jun-2016 12:51
Acetone	U		2.0	2.0	ug/L	1	04-Jun-2016 12:51
Benzene	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
Bromodichloromethane	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
Bromoform	U		0.40	1.0	ug/L	1	04-Jun-2016 12:51
Bromomethane	U		0.40	1.0	ug/L	1	04-Jun-2016 12:51
Carbon disulfide	U		0.60	2.0	ug/L	1	04-Jun-2016 12:51
Carbon tetrachloride	U		0.50	1.0	ug/L	1	04-Jun-2016 12:51
Chlorobenzene	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Chloroethane	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Chloroform	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
Chloromethane	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
cis-1,2-Dichloroethene	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
cis-1,3-Dichloropropene	U		0.10	1.0	ug/L	1	04-Jun-2016 12:51
Cyclohexane	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Dibromochloromethane	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Dichlorodifluoromethane	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Ethylbenzene	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Isopropylbenzene	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
m,p-Xylene	U		0.50	2.0	ug/L	1	04-Jun-2016 12:51
Methyl acetate	U		1.0	1.0	ug/L	1	04-Jun-2016 12:51
Methyl tert-butyl ether	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
Methylcyclohexane	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: EB-1  
 Collection Date: 24-May-2016 13:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051527  
 Lab ID:HS16051527-02  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>		Analyst: PC			
Methylene chloride	U		1.0	2.0	ug/L	1	04-Jun-2016 12:51
o-Xylene	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Styrene	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Tetrachloroethene	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Toluene	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
trans-1,2-Dichloroethene	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
trans-1,3-Dichloropropene	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
Trichloroethene	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
Trichlorofluoromethane	U		0.30	1.0	ug/L	1	04-Jun-2016 12:51
Vinyl chloride	U		0.20	1.0	ug/L	1	04-Jun-2016 12:51
Xylenes, Total	U		0.50	3.0	ug/L	1	04-Jun-2016 12:51
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>95.1</i>			<i>71-125</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 12:51</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>97.3</i>			<i>70-125</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 12:51</i>
<i>Surr: Dibromofluoromethane</i>	<i>75.2</i>			<i>74-125</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 12:51</i>
<i>Surr: Toluene-d8</i>	<i>97.6</i>			<i>75-125</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 12:51</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: EB-1  
 Collection Date: 24-May-2016 13:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051527  
 Lab ID:HS16051527-02  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3510 / 27-May-2016		Analyst: ACN
1,1'-Biphenyl	U		0.024	0.20	ug/L	1	04-Jun-2016 20:59
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	04-Jun-2016 20:59
2,4,6-Trichlorophenol	U		0.048	0.20	ug/L	1	04-Jun-2016 20:59
2,4-Dichlorophenol	U		0.043	0.20	ug/L	1	04-Jun-2016 20:59
2,4-Dimethylphenol	U		0.040	0.20	ug/L	1	04-Jun-2016 20:59
2,4-Dinitrophenol	U		0.10	1.0	ug/L	1	04-Jun-2016 20:59
2,4-Dinitrotoluene	U		0.058	0.20	ug/L	1	04-Jun-2016 20:59
2,6-Dinitrotoluene	U		0.042	0.20	ug/L	1	04-Jun-2016 20:59
2-Chloronaphthalene	U		0.021	0.20	ug/L	1	04-Jun-2016 20:59
2-Chlorophenol	U		0.036	0.20	ug/L	1	04-Jun-2016 20:59
2-Methylnaphthalene	U		0.019	0.10	ug/L	1	04-Jun-2016 20:59
2-Methylphenol	U		0.045	0.20	ug/L	1	04-Jun-2016 20:59
2-Nitroaniline	U		0.041	0.20	ug/L	1	04-Jun-2016 20:59
2-Nitrophenol	U		0.034	0.20	ug/L	1	04-Jun-2016 20:59
3&4-Methylphenol	U		0.036	0.20	ug/L	1	04-Jun-2016 20:59
3,3'-Dichlorobenzidine	U		0.044	0.20	ug/L	1	04-Jun-2016 20:59
3-Nitroaniline	U		0.049	0.20	ug/L	1	04-Jun-2016 20:59
4,6-Dinitro-2-methylphenol	U		0.020	0.20	ug/L	1	04-Jun-2016 20:59
4-Bromophenyl phenyl ether	U		0.051	0.20	ug/L	1	04-Jun-2016 20:59
4-Chloro-3-methylphenol	U		0.032	0.20	ug/L	1	04-Jun-2016 20:59
4-Chloroaniline	U		0.039	0.20	ug/L	1	04-Jun-2016 20:59
4-Chlorophenyl phenyl ether	U		0.044	0.20	ug/L	1	04-Jun-2016 20:59
4-Nitroaniline	U		0.035	0.20	ug/L	1	04-Jun-2016 20:59
4-Nitrophenol	U		0.047	1.0	ug/L	1	04-Jun-2016 20:59
Acenaphthene	U		0.027	0.10	ug/L	1	04-Jun-2016 20:59
Acenaphthylene	U		0.015	0.10	ug/L	1	04-Jun-2016 20:59
<b>Acetophenone</b>	<b>0.091</b>	J	<b>0.024</b>	<b>0.20</b>	<b>ug/L</b>	1	04-Jun-2016 20:59
Anthracene	U		0.014	0.10	ug/L	1	04-Jun-2016 20:59
Atrazine	U		0.033	0.20	ug/L	1	04-Jun-2016 20:59
Benz(a)anthracene	U		0.050	0.10	ug/L	1	04-Jun-2016 20:59
<b>Benzaldehyde</b>	<b>0.38</b>		<b>0.030</b>	<b>0.20</b>	<b>ug/L</b>	1	04-Jun-2016 20:59
Benzo(a)pyrene	U		0.020	0.10	ug/L	1	04-Jun-2016 20:59
Benzo(b)fluoranthene	U		0.023	0.10	ug/L	1	04-Jun-2016 20:59
Benzo(g,h,i)perylene	U		0.014	0.10	ug/L	1	04-Jun-2016 20:59
Benzo(k)fluoranthene	U		0.019	0.10	ug/L	1	04-Jun-2016 20:59
Bis(2-chloroethoxy)methane	U		0.030	0.20	ug/L	1	04-Jun-2016 20:59
Bis(2-chloroethyl)ether	U		0.026	0.20	ug/L	1	04-Jun-2016 20:59
Bis(2-chloroisopropyl)ether	U		0.070	0.20	ug/L	1	04-Jun-2016 20:59
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.070</b>	J	<b>0.037</b>	<b>0.20</b>	<b>ug/L</b>	1	04-Jun-2016 20:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: EB-1  
 Collection Date: 24-May-2016 13:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051527  
 Lab ID:HS16051527-02  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW-LEVEL SEMIVOLATILES</b>		<b>Method:SW8270</b>			Prep:SW3510 / 27-May-2016		Analyst: ACN
Butyl benzyl phthalate	U		0.019	0.20	ug/L	1	04-Jun-2016 20:59
Caprolactam	U		0.045	0.20	ug/L	1	04-Jun-2016 20:59
Carbazole	U		0.025	0.20	ug/L	1	04-Jun-2016 20:59
Chrysene	U		0.021	0.10	ug/L	1	04-Jun-2016 20:59
Dibenz(a,h)anthracene	U		0.024	0.10	ug/L	1	04-Jun-2016 20:59
Dibenzofuran	U		0.020	0.10	ug/L	1	04-Jun-2016 20:59
Diethyl phthalate	U		0.030	0.20	ug/L	1	04-Jun-2016 20:59
Dimethyl phthalate	U		0.041	0.20	ug/L	1	04-Jun-2016 20:59
<b>Di-n-butyl phthalate</b>	<b>0.041</b>	J	<b>0.020</b>	<b>0.20</b>	<b>ug/L</b>	1	04-Jun-2016 20:59
Di-n-octyl phthalate	U		0.020	0.20	ug/L	1	04-Jun-2016 20:59
Fluoranthene	U		0.010	0.10	ug/L	1	04-Jun-2016 20:59
Fluorene	U		0.030	0.10	ug/L	1	04-Jun-2016 20:59
Hexachlorobenzene	U		0.044	0.20	ug/L	1	04-Jun-2016 20:59
Hexachlorobutadiene	U		0.030	0.20	ug/L	1	04-Jun-2016 20:59
Hexachlorocyclopentadiene	U		0.030	0.20	ug/L	1	04-Jun-2016 20:59
Hexachloroethane	U		0.059	0.20	ug/L	1	04-Jun-2016 20:59
Indeno(1,2,3-cd)pyrene	U		0.022	0.10	ug/L	1	04-Jun-2016 20:59
Isophorone	U		0.025	0.20	ug/L	1	04-Jun-2016 20:59
<b>Naphthalene</b>	<b>0.030</b>	J	<b>0.020</b>	<b>0.10</b>	<b>ug/L</b>	1	04-Jun-2016 20:59
Nitrobenzene	U		0.024	0.20	ug/L	1	04-Jun-2016 20:59
N-Nitrosodi-n-propylamine	U		0.032	0.20	ug/L	1	04-Jun-2016 20:59
N-Nitrosodiphenylamine	U		0.025	0.20	ug/L	1	04-Jun-2016 20:59
Pentachlorophenol	U		0.079	0.20	ug/L	1	04-Jun-2016 20:59
Phenanthrene	U		0.021	0.10	ug/L	1	04-Jun-2016 20:59
Phenol	U		0.035	0.20	ug/L	1	04-Jun-2016 20:59
Pyrene	U		0.019	0.10	ug/L	1	04-Jun-2016 20:59
<i>Surr: 2,4,6-Tribromophenol</i>	<i>64.8</i>			<i>34-129</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 20:59</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>48.8</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 20:59</i>
<i>Surr: 2-Fluorophenol</i>	<i>57.6</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 20:59</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>67.2</i>			<i>40-135</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 20:59</i>
<i>Surr: Nitrobenzene-d5</i>	<i>62.7</i>			<i>41-120</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 20:59</i>
<i>Surr: Phenol-d6</i>	<i>47.9</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>04-Jun-2016 20:59</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tetra Tech, Inc.  
 Project: GSA Goodfellow 103P1058231  
 Sample ID: EB-1  
 Collection Date: 24-May-2016 13:30

**ANALYTICAL REPORT**  
 WorkOrder:HS16051527  
 Lab ID:HS16051527-02  
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>PCBS BY SW8082A</b>			<b>Method:SW8082</b>			Prep:SW3510C/3665A / 27-May-2016	Analyst: NPI
Aroclor 1016	U		0.100	0.500	ug/L	1	31-May-2016 21:36
Aroclor 1221	U		0.500	0.500	ug/L	1	31-May-2016 21:36
Aroclor 1232	U		0.500	0.500	ug/L	1	31-May-2016 21:36
Aroclor 1242	U		0.500	0.500	ug/L	1	31-May-2016 21:36
Aroclor 1248	U		0.500	0.500	ug/L	1	31-May-2016 21:36
Aroclor 1254	U		0.500	0.500	ug/L	1	31-May-2016 21:36
Aroclor 1260	U		0.100	0.500	ug/L	1	31-May-2016 21:36
<i>Surr: Decachlorobiphenyl</i>		96.9		54-140	%REC	1	31-May-2016 21:36
<i>Surr: Tetrachloro-m-xylene</i>		90.6		53-137	%REC	1	31-May-2016 21:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**WEIGHT LOG**

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**Batch ID:** 104752      **Method:** LOW-LEVEL SEMIVOLATILES      **Prep:** 3510\_B\_LOW

SampleID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS16051527-02	1	1000	1 (mL)	0.001

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
<b>Batch ID</b> 104752		<b>Test Name :</b> LOW-LEVEL SEMIVOLATILES		<b>Matrix:</b> Water		
HS16051527-02	EB-1	24 May 2016 13:30		27 May 2016 11:45	04 Jun 2016 20:59	1
<b>Batch ID</b> 104756a		<b>Test Name :</b> PCBS BY SW8082A		<b>Matrix:</b> Water		
HS16051527-01	DPTGW-101	23 May 2016 15:35		27 May 2016 11:50	31 May 2016 21:19	1
HS16051527-02	EB-1	24 May 2016 13:30		27 May 2016 11:50	31 May 2016 21:36	1
<b>Batch ID</b> R275707		<b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C		<b>Matrix:</b> Water		
HS16051527-02	EB-1	24 May 2016 13:30			04 Jun 2016 12:51	1



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

**Batch ID:** 104756a      **Instrument:** ECD\_7      **Method:** SW8082

MBLK		Sample ID: MBLK-104756			Units: ug/L		Analysis Date: 31-May-2016 16:44			
Client ID:		Run ID: ECD_7_275427			SeqNo: 3706222		PrepDate: 27-May-2016		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
<i>Surr: Decachlorobiphenyl</i>	0.2073	0.0500	0.2	0	104	54 - 140				
<i>Surr: Tetrachloro-m-xylene</i>	0.1965	0.0500	0.2	0	98.3	53 - 137				

LCS		Sample ID: LCS-104756			Units: ug/L		Analysis Date: 31-May-2016 17:16			
Client ID:		Run ID: ECD_7_275427			SeqNo: 3706223		PrepDate: 27-May-2016		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	3.759	0.500	5	0	75.2	54 - 138				
Aroclor 1260	4.311	0.500	5	0	86.2	57 - 136				
<i>Surr: Decachlorobiphenyl</i>	0.168	0.0500	0.2	0	84.0	54 - 140				
<i>Surr: Tetrachloro-m-xylene</i>	0.1576	0.0500	0.2	0	78.8	53 - 137				

LCSD		Sample ID: LCSD-104756			Units: ug/L		Analysis Date: 31-May-2016 17:32			
Client ID:		Run ID: ECD_7_275427			SeqNo: 3706224		PrepDate: 27-May-2016		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.19	0.500	5	0	83.8	54 - 138	3.759	10.9	20	
Aroclor 1260	4.955	0.500	5	0	99.1	57 - 136	4.311	13.9	20	
<i>Surr: Decachlorobiphenyl</i>	0.2012	0.0500	0.2	0	101	54 - 140	0.168	18	20	
<i>Surr: Tetrachloro-m-xylene</i>	0.1815	0.0500	0.2	0	90.7	53 - 137	0.1576	14.1	20	

The following samples were analyzed in this batch: HS16051527-01      HS16051527-02

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: 104752		Instrument: SV-7		Method: SW8270						
MBLK	Sample ID: MBLK-104752	Units: ug/L			Analysis Date: 03-Jun-2016 13:38					
Client ID:	Run ID: SV-7_275728	SeqNo: 3711246	PrepDate: 27-May-2016	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	U	0.20								
2,4,5-Trichlorophenol	U	0.20								
2,4,6-Trichlorophenol	U	0.20								
2,4-Dichlorophenol	U	0.20								
2,4-Dimethylphenol	U	0.20								
2,4-Dinitrophenol	U	1.0								
2,4-Dinitrotoluene	U	0.20								
2,6-Dinitrotoluene	U	0.20								
2-Chloronaphthalene	U	0.20								
2-Chlorophenol	U	0.20								
2-Methylnaphthalene	U	0.10								
2-Methylphenol	U	0.20								
2-Nitroaniline	U	0.20								
2-Nitrophenol	U	0.20								
3&4-Methylphenol	U	0.20								
3,3'-Dichlorobenzidine	U	0.20								
3-Nitroaniline	U	0.20								
4,6-Dinitro-2-methylphenol	U	0.20								
4-Bromophenyl phenyl ether	U	0.20								
4-Chloro-3-methylphenol	U	0.20								
4-Chloroaniline	U	0.20								
4-Chlorophenyl phenyl ether	U	0.20								
4-Nitroaniline	U	0.20								
4-Nitrophenol	U	1.0								
Acenaphthene	U	0.10								
Acenaphthylene	U	0.10								
Acetophenone	U	0.20								
Anthracene	U	0.10								
Atrazine	U	0.20								
Benz(a)anthracene	U	0.10								
Benzaldehyde	U	0.20								
Benzo(a)pyrene	U	0.10								
Benzo(b)fluoranthene	U	0.10								
Benzo(g,h,i)perylene	U	0.10								

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: 104752		Instrument: SV-7		Method: SW8270						
MBLK	Sample ID: MBLK-104752	Units: ug/L			Analysis Date: 03-Jun-2016 13:38					
Client ID:	Run ID: SV-7_275728	SeqNo: 3711246	PrepDate: 27-May-2016	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	U	0.10								
Bis(2-chloroethoxy)methane	U	0.20								
Bis(2-chloroethyl)ether	U	0.20								
Bis(2-chloroisopropyl)ether	U	0.20								
Bis(2-ethylhexyl)phthalate	U	0.20								
Butyl benzyl phthalate	U	0.20								
Caprolactam	U	0.20								
Carbazole	U	0.20								
Chrysene	U	0.10								
Dibenz(a,h)anthracene	U	0.10								
Dibenzofuran	U	0.10								
Diethyl phthalate	U	0.20								
Dimethyl phthalate	U	0.20								
Di-n-butyl phthalate	U	0.20								
Di-n-octyl phthalate	U	0.20								
Fluoranthene	U	0.10								
Fluorene	U	0.10								
Hexachlorobenzene	U	0.20								
Hexachlorobutadiene	U	0.20								
Hexachlorocyclopentadiene	U	0.20								
Hexachloroethane	U	0.20								
Indeno(1,2,3-cd)pyrene	U	0.10								
Isophorone	U	0.20								
Naphthalene	U	0.10								
Nitrobenzene	U	0.20								
N-Nitrosodi-n-propylamine	U	0.20								
N-Nitrosodiphenylamine	U	0.20								
Pentachlorophenol	U	0.20								
Phenanthrene	U	0.10								
Phenol	U	0.20								
Pyrene	U	0.10								
Surr: 2,4,6-Tribromophenol	3.453	0.20	5	0	69.1	34 - 129				
Surr: 2-Fluorobiphenyl	3.002	0.20	5	0	60.0	40 - 125				
Surr: 2-Fluorophenol	3.386	0.20	5	0	67.7	20 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: 104752		Instrument: SV-7		Method: SW8270						
MBLK	Sample ID: MBLK-104752	Units: ug/L			Analysis Date: 03-Jun-2016 13:38					
Client ID:	Run ID: SV-7_275728	SeqNo: 3711246		PrepDate: 27-May-2016		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Surr: 4-Terphenyl-d14	3.672	0.20	5	0	73.4	40 - 135				
Surr: Nitrobenzene-d5	3.42	0.20	5	0	68.4	41 - 120				
Surr: Phenol-d6	3.313	0.20	5	0	66.3	20 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: 104752		Instrument: SV-7			Method: SW8270					
LCS	Sample ID: LCS-104752	Units: ug/L			Analysis Date: 03-Jun-2016 13:57					
Client ID:	Run ID: SV-7_275728	SeqNo: 3711247			PrepDate: 27-May-2016		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	3.071	0.20	5	0	61.4	45 - 125				
2,4,5-Trichlorophenol	3.633	0.20	5	0	72.7	46 - 120				
2,4,6-Trichlorophenol	3.407	0.20	5	0	68.1	42 - 120				
2,4-Dichlorophenol	3.907	0.20	5	0	78.1	49 - 120				
2,4-Dimethylphenol	3.364	0.20	5	0	67.3	35 - 120				
2,4-Dinitrophenol	3.488	1.0	5	0	69.8	15 - 120				
2,4-Dinitrotoluene	3.532	0.20	5	0	70.6	50 - 122				
2,6-Dinitrotoluene	4.109	0.20	5	0	82.2	50 - 120				
2-Chloronaphthalene	2.913	0.20	5	0	58.3	50 - 120				
2-Chlorophenol	3.224	0.20	5	0	64.5	40 - 120				
2-Methylnaphthalene	3.716	0.10	5	0	74.3	50 - 120				
2-Methylphenol	3.322	0.20	5	0	66.4	45 - 120				
2-Nitroaniline	3.893	0.20	5	0	77.9	28 - 139				
2-Nitrophenol	4.25	0.20	5	0	85.0	40 - 120				
3&4-Methylphenol	3.501	0.20	5	0	70.0	35 - 120				
3,3'-Dichlorobenzidine	5.241	0.20	5	0	105	15 - 120				
3-Nitroaniline	4.512	0.20	5	0	90.2	30 - 120				
4,6-Dinitro-2-methylphenol	4.091	0.20	5	0	81.8	25 - 121				
4-Bromophenyl phenyl ether	3.708	0.20	5	0	74.2	45 - 120				
4-Chloro-3-methylphenol	4.055	0.20	5	0	81.1	47 - 120				
4-Chloroaniline	4.086	0.20	5	0	81.7	20 - 120				
4-Chlorophenyl phenyl ether	3.279	0.20	5	0	65.6	50 - 120				
4-Nitroaniline	4.263	0.20	5	0	85.3	30 - 133				
4-Nitrophenol	4.294	1.0	5	0	85.9	30 - 130				
Acenaphthene	3.112	0.10	5	0	62.2	45 - 120				
Acenaphthylene	3.069	0.10	5	0	61.4	47 - 120				
Acetophenone	3.627	0.20	5	0	72.5	40 - 120				
Anthracene	3.728	0.10	5	0	74.6	45 - 120				
Atrazine	4.272	0.20	5	0	85.4	40 - 130				
Benz(a)anthracene	3.719	0.10	5	0	74.4	40 - 120				
Benzaldehyde	1.64	0.20	5	0	32.8	15 - 120				
Benzo(a)pyrene	3.854	0.10	5	0	77.1	45 - 120				
Benzo(b)fluoranthene	3.885	0.10	5	0	77.7	50 - 120				
Benzo(g,h,i)perylene	3.905	0.10	5	0	78.1	42 - 127				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: 104752		Instrument: SV-7		Method: SW8270						
LCS	Sample ID: LCS-104752	Units: ug/L			Analysis Date: 03-Jun-2016 13:57					
Client ID:	Run ID: SV-7_275728	SeqNo: 3711247		PrepDate: 27-May-2016		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	3.615	0.10	5	0	72.3	45 - 127				
Bis(2-chloroethoxy)methane	3.654	0.20	5	0	73.1	45 - 120				
Bis(2-chloroethyl)ether	3.206	0.20	5	0	64.1	37 - 121				
Bis(2-chloroisopropyl)ether	3.184	0.20	5	0	63.7	40 - 120				
Bis(2-ethylhexyl)phthalate	4.407	0.20	5	0	88.1	40 - 139				
Butyl benzyl phthalate	4.443	0.20	5	0	88.9	47 - 123				
Caprolactam	4.352	0.20	5	0	87.0	35 - 134				
Carbazole	4.414	0.20	5	0	88.3	42 - 128				
Chrysene	4.035	0.10	5	0	80.7	43 - 120				
Dibenz(a,h)anthracene	4.016	0.10	5	0	80.3	45 - 125				
Dibenzofuran	3.103	0.10	5	0	62.1	50 - 120				
Diethyl phthalate	3.358	0.20	5	0	67.2	41 - 120				
Dimethyl phthalate	3.273	0.20	5	0	65.5	40 - 122				
Di-n-butyl phthalate	4.116	0.20	5	0	82.3	45 - 123				
Di-n-octyl phthalate	4.049	0.20	5	0	81.0	45 - 129				
Fluoranthene	3.868	0.10	5	0	77.4	45 - 125				
Fluorene	3.322	0.10	5	0	66.4	49 - 120				
Hexachlorobenzene	3.615	0.20	5	0	72.3	48 - 120				
Hexachlorobutadiene	3.991	0.20	5	0	79.8	40 - 120				
Hexachlorocyclopentadiene	3.133	0.20	5	0	62.7	34 - 136				
Hexachloroethane	3.302	0.20	5	0	66.0	40 - 120				
Indeno(1,2,3-cd)pyrene	4.163	0.10	5	0	83.3	41 - 128				
Isophorone	3.799	0.20	5	0	76.0	40 - 121				
Naphthalene	3.534	0.10	5	0	70.7	45 - 120				
Nitrobenzene	3.85	0.20	5	0	77.0	44 - 120				
N-Nitrosodi-n-propylamine	3.406	0.20	5	0	68.1	40 - 120				
N-Nitrosodiphenylamine	3.715	0.20	5	0	74.3	40 - 125				
Pentachlorophenol	3.412	0.20	5	0	68.2	19 - 121				
Phenanthrene	3.498	0.10	5	0	70.0	45 - 121				
Phenol	3.31	0.20	5	0	66.2	20 - 124				
Pyrene	3.717	0.10	5	0	74.3	40 - 130				
<i>Surr: 2,4,6-Tribromophenol</i>	<i>3.846</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>76.9</i>	<i>34 - 129</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>3.008</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>60.2</i>	<i>40 - 125</i>				
<i>Surr: 2-Fluorophenol</i>	<i>3.393</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>67.9</i>	<i>20 - 120</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: 104752		Instrument: SV-7		Method: SW8270						
<b>LCS</b>	Sample ID: <b>LCS-104752</b>	Units: <b>ug/L</b>			Analysis Date: <b>03-Jun-2016 13:57</b>					
Client ID:	Run ID: <b>SV-7_275728</b>	SeqNo: <b>3711247</b>		PrepDate: <b>27-May-2016</b>		DF: <b>1</b>				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
<i>Surr: 4-Terphenyl-d14</i>	3.593	0.20	5	0	71.9	40 - 135				
<i>Surr: Nitrobenzene-d5</i>	3.721	0.20	5	0	74.4	41 - 120				
<i>Surr: Phenol-d6</i>	3.386	0.20	5	0	67.7	20 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: 104752		Instrument: SV-7			Method: SW8270					
LCSD		Sample ID: LCSD-104752			Units: ug/L		Analysis Date: 03-Jun-2016 14:17			
Client ID:		Run ID: SV-7_275728			SeqNo: 3711248		PrepDate: 27-May-2016		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	2.978	0.20	5	0	59.6	45 - 125	3.071	3.08	20	
2,4,5-Trichlorophenol	3.638	0.20	5	0	72.8	46 - 120	3.633	0.153	20	
2,4,6-Trichlorophenol	3.313	0.20	5	0	66.3	42 - 120	3.407	2.78	20	
2,4-Dichlorophenol	3.652	0.20	5	0	73.0	49 - 120	3.907	6.72	20	
2,4-Dimethylphenol	2.92	0.20	5	0	58.4	35 - 120	3.364	14.1	20	
2,4-Dinitrophenol	4.14	1.0	5	0	82.8	15 - 120	3.488	17.1	50	
2,4-Dinitrotoluene	3.517	0.20	5	0	70.3	50 - 122	3.532	0.435	20	
2,6-Dinitrotoluene	3.831	0.20	5	0	76.6	50 - 120	4.109	6.99	20	
2-Chloronaphthalene	3.079	0.20	5	0	61.6	50 - 120	2.913	5.52	20	
2-Chlorophenol	3.343	0.20	5	0	66.9	40 - 120	3.224	3.62	20	
2-Methylnaphthalene	3.377	0.10	5	0	67.5	50 - 120	3.716	9.57	20	
2-Methylphenol	3.333	0.20	5	0	66.7	45 - 120	3.322	0.353	20	
2-Nitroaniline	3.965	0.20	5	0	79.3	28 - 139	3.893	1.85	20	
2-Nitrophenol	4.07	0.20	5	0	81.4	40 - 120	4.25	4.32	20	
3&4-Methylphenol	3.549	0.20	5	0	71.0	35 - 120	3.501	1.34	20	
3,3'-Dichlorobenzidine	4.873	0.20	5	0	97.5	15 - 120	5.241	7.27	20	
3-Nitroaniline	4.324	0.20	5	0	86.5	30 - 120	4.512	4.25	20	
4,6-Dinitro-2-methylphenol	4.654	0.20	5	0	93.1	25 - 121	4.091	12.9	30	
4-Bromophenyl phenyl ether	3.613	0.20	5	0	72.3	45 - 120	3.708	2.59	20	
4-Chloro-3-methylphenol	3.831	0.20	5	0	76.6	47 - 120	4.055	5.7	20	
4-Chloroaniline	3.86	0.20	5	0	77.2	20 - 120	4.086	5.69	20	
4-Chlorophenyl phenyl ether	3.395	0.20	5	0	67.9	50 - 120	3.279	3.48	20	
4-Nitroaniline	4.183	0.20	5	0	83.7	30 - 133	4.263	1.89	20	
4-Nitrophenol	4.375	1.0	5	0	87.5	30 - 130	4.294	1.88	20	
Acenaphthene	3.008	0.10	5	0	60.2	45 - 120	3.112	3.41	20	
Acenaphthylene	3.014	0.10	5	0	60.3	47 - 120	3.069	1.79	20	
Acetophenone	3.387	0.20	5	0	67.7	40 - 120	3.627	6.82	20	
Anthracene	3.593	0.10	5	0	71.9	45 - 120	3.728	3.7	20	
Atrazine	4.172	0.20	5	0	83.4	40 - 130	4.272	2.38	20	
Benz(a)anthracene	3.689	0.10	5	0	73.8	40 - 120	3.719	0.793	20	
Benzaldehyde	1.878	0.20	5	0	37.6	15 - 120	1.64	13.5	30	
Benzo(a)pyrene	4.001	0.10	5	0	80.0	45 - 120	3.854	3.76	20	
Benzo(b)fluoranthene	4.009	0.10	5	0	80.2	50 - 120	3.885	3.14	20	
Benzo(g,h,i)perylene	3.883	0.10	5	0	77.7	42 - 127	3.905	0.557	20	

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: 104752		Instrument: SV-7		Method: SW8270						
LCSD	Sample ID: LCSD-104752	Units: ug/L			Analysis Date: 03-Jun-2016 14:17					
Client ID:	Run ID: SV-7_275728	SeqNo: 3711248	PrepDate: 27-May-2016	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	3.685	0.10	5	0	73.7	45 - 127	3.615	1.93	20	
Bis(2-chloroethoxy)methane	3.437	0.20	5	0	68.7	45 - 120	3.654	6.09	20	
Bis(2-chloroethyl)ether	2.718	0.20	5	0	54.4	37 - 121	3.206	16.5	20	
Bis(2-chloroisopropyl)ether	3.091	0.20	5	0	61.8	40 - 120	3.184	2.98	20	
Bis(2-ethylhexyl)phthalate	4.416	0.20	5	0	88.3	40 - 139	4.407	0.191	20	
Butyl benzyl phthalate	4.433	0.20	5	0	88.7	47 - 123	4.443	0.228	20	
Caprolactam	4.233	0.20	5	0	84.7	35 - 134	4.352	2.77	20	
Carbazole	4.104	0.20	5	0	82.1	42 - 128	4.414	7.28	20	
Chrysene	4.062	0.10	5	0	81.2	43 - 120	4.035	0.654	20	
Dibenz(a,h)anthracene	4.235	0.10	5	0	84.7	45 - 125	4.016	5.32	20	
Dibenzofuran	3.198	0.10	5	0	64.0	50 - 120	3.103	3.03	20	
Diethyl phthalate	3.482	0.20	5	0	69.6	41 - 120	3.358	3.64	20	
Dimethyl phthalate	3.322	0.20	5	0	66.4	40 - 122	3.273	1.51	20	
Di-n-butyl phthalate	3.999	0.20	5	0	80.0	45 - 123	4.116	2.87	20	
Di-n-octyl phthalate	4.001	0.20	5	0	80.0	45 - 129	4.049	1.2	20	
Fluoranthene	3.742	0.10	5	0	74.8	45 - 125	3.868	3.33	20	
Fluorene	3.374	0.10	5	0	67.5	49 - 120	3.322	1.54	20	
Hexachlorobenzene	3.472	0.20	5	0	69.4	48 - 120	3.615	4.04	20	
Hexachlorobutadiene	3.683	0.20	5	0	73.7	40 - 120	3.991	8.03	20	
Hexachlorocyclopentadiene	3.034	0.20	5	0	60.7	34 - 136	3.133	3.21	20	
Hexachloroethane	3.337	0.20	5	0	66.7	40 - 120	3.302	1.05	20	
Indeno(1,2,3-cd)pyrene	4.355	0.10	5	0	87.1	41 - 128	4.163	4.5	20	
Isophorone	3.648	0.20	5	0	73.0	40 - 121	3.799	4.06	20	
Naphthalene	3.338	0.10	5	0	66.8	45 - 120	3.534	5.7	20	
Nitrobenzene	3.624	0.20	5	0	72.5	44 - 120	3.85	6.06	20	
N-Nitrosodi-n-propylamine	3.457	0.20	5	0	69.1	40 - 120	3.406	1.48	20	
N-Nitrosodiphenylamine	3.916	0.20	5	0	78.3	40 - 125	3.715	5.25	20	
Pentachlorophenol	3.593	0.20	5	0	71.9	19 - 121	3.412	5.19	20	
Phenanthrene	3.43	0.10	5	0	68.6	45 - 121	3.498	1.97	20	
Phenol	3.403	0.20	5	0	68.1	20 - 124	3.31	2.76	20	
Pyrene	3.496	0.10	5	0	69.9	40 - 130	3.717	6.11	20	
Surr: 2,4,6-Tribromophenol	3.761	0.20	5	0	75.2	34 - 129	3.846	2.24	20	
Surr: 2-Fluorobiphenyl	2.91	0.20	5	0	58.2	40 - 125	3.008	3.31	20	
Surr: 2-Fluorophenol	3.988	0.20	5	0	79.8	20 - 120	3.393	16.1	20	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

**Batch ID:** 104752      **Instrument:** SV-7      **Method:** SW8270

LCSD		Sample ID: LCSD-104752		Units: ug/L		Analysis Date: 03-Jun-2016 14:17				
Client ID:		Run ID: SV-7_275728		SeqNo: 3711248		PrepDate: 27-May-2016		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 4-Terphenyl-d14	3.48	0.20	5	0	69.6	40 - 135	3.593	3.2	20	
Surr: Nitrobenzene-d5	3.344	0.20	5	0	66.9	41 - 120	3.721	10.7	20	
Surr: Phenol-d6	3.422	0.20	5	0	68.4	20 - 120	3.386	1.05	20	

The following samples were analyzed in this batch: HS16051527-02

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: R275707		Instrument: VOA6		Method: SW8260						
MBLK	Sample ID: VBLKW-160604	Units: ug/L			Analysis Date: 04-Jun-2016 12:27					
Client ID:	Run ID: VOA6_275707	SeqNo: 3711199	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1,2,2-Tetrachloroethane	U	1.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	1.0								
1,1,2-Trichloroethane	U	1.0								
1,1-Dichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2,4-Trichlorobenzene	U	1.0								
1,2-Dibromo-3-chloropropane	U	1.0								
1,2-Dibromoethane	U	1.0								
1,2-Dichlorobenzene	U	1.0								
1,2-Dichloroethane	U	1.0								
1,2-Dichloropropane	U	1.0								
1,3-Dichlorobenzene	U	1.0								
1,4-Dichlorobenzene	U	1.0								
2-Butanone	U	2.0								
2-Hexanone	U	2.0								
4-Methyl-2-pentanone	U	2.0								
Acetone	U	2.0								
Benzene	U	1.0								
Bromodichloromethane	U	1.0								
Bromoform	U	1.0								
Bromomethane	U	1.0								
Carbon disulfide	U	2.0								
Carbon tetrachloride	U	1.0								
Chlorobenzene	U	1.0								
Chloroethane	U	1.0								
Chloroform	U	1.0								
Chloromethane	U	1.0								
cis-1,2-Dichloroethene	U	1.0								
cis-1,3-Dichloropropene	U	1.0								
Cyclohexane	U	1.0								
Dibromochloromethane	U	1.0								
Dichlorodifluoromethane	U	1.0								
Ethylbenzene	U	1.0								

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: R275707		Instrument: VOA6		Method: SW8260						
<b>MBLK</b>	Sample ID: <b>VBLKW-160604</b>	Units: <b>ug/L</b>			Analysis Date: <b>04-Jun-2016 12:27</b>					
Client ID:	Run ID: <b>VOA6_275707</b>	SeqNo: <b>3711199</b>		PrepDate:			DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	1.0								
m,p-Xylene	U	2.0								
Methyl acetate	U	1.0								
Methyl tert-butyl ether	U	1.0								
Methylcyclohexane	U	1.0								
Methylene chloride	U	2.0								
o-Xylene	U	1.0								
Styrene	U	1.0								
Tetrachloroethene	U	1.0								
Toluene	U	1.0								
trans-1,2-Dichloroethene	U	1.0								
trans-1,3-Dichloropropene	U	1.0								
Trichloroethene	U	1.0								
Trichlorofluoromethane	U	1.0								
Vinyl chloride	U	1.0								
Xylenes, Total	U	3.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>46.18</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>92.4</i>	<i>71 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>47.37</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>94.7</i>	<i>70 - 125</i>				
<i>Surr: Dibromofluoromethane</i>	<i>47.82</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>95.6</i>	<i>74 - 125</i>				
<i>Surr: Toluene-d8</i>	<i>48.01</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>96.0</i>	<i>75 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: R275707		Instrument: VOA6			Method: SW8260					
LCS	Sample ID: VLCSW-160604	Units: ug/L			Analysis Date: 04-Jun-2016 11:15					
Client ID:	Run ID: VOA6_275707	SeqNo: 3711198			PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51.06	1.0	50	0	102	75 - 130				
1,1,2,2-Tetrachloroethane	42.77	1.0	50	0	85.5	74 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	54.93	1.0	50	0	110	70 - 130				
1,1,2-Trichloroethane	46.81	1.0	50	0	93.6	80 - 120				
1,1-Dichloroethane	49.33	1.0	50	0	98.7	76 - 120				
1,1-Dichloroethene	51.95	1.0	50	0	104	75 - 130				
1,2,4-Trichlorobenzene	51.07	1.0	50	0	102	75 - 126				
1,2-Dibromo-3-chloropropane	41.14	1.0	50	0	82.3	65 - 125				
1,2-Dibromoethane	48.08	1.0	50	0	96.2	80 - 121				
1,2-Dichlorobenzene	48.55	1.0	50	0	97.1	80 - 120				
1,2-Dichloroethane	50.44	1.0	50	0	101	76 - 120				
1,2-Dichloropropane	49.64	1.0	50	0	99.3	80 - 120				
1,3-Dichlorobenzene	48.12	1.0	50	0	96.2	80 - 120				
1,4-Dichlorobenzene	47.95	1.0	50	0	95.9	80 - 120				
2-Butanone	84.43	2.0	100	0	84.4	60 - 140				
2-Hexanone	80.15	2.0	100	0	80.2	60 - 131				
4-Methyl-2-pentanone	80.07	2.0	100	0	80.1	60 - 135				
Acetone	91.79	2.0	100	0	91.8	60 - 140				
Benzene	50.76	1.0	50	0	102	75 - 122				
Bromodichloromethane	50.35	1.0	50	0	101	75 - 125				
Bromoform	46.94	1.0	50	0	93.9	70 - 130				
Bromomethane	54.59	1.0	50	0	109	60 - 140				
Carbon disulfide	99.92	2.0	100	0	99.9	70 - 130				
Carbon tetrachloride	51.47	1.0	50	0	103	75 - 125				
Chlorobenzene	49.21	1.0	50	0	98.4	80 - 120				
Chloroethane	48.35	1.0	50	0	96.7	70 - 130				
Chloroform	50.66	1.0	50	0	101	70 - 130				
Chloromethane	48.8	1.0	50	0	97.6	65 - 130				
cis-1,2-Dichloroethene	50.56	1.0	50	0	101	75 - 125				
cis-1,3-Dichloropropene	49.68	1.0	50	0	99.4	79 - 125				
Cyclohexane	52.8	1.0	50	0	106	70 - 130				
Dibromochloromethane	49.44	1.0	50	0	98.9	70 - 130				
Dichlorodifluoromethane	53.93	1.0	50	0	108	60 - 140				
Ethylbenzene	49.98	1.0	50	0	100.0	80 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: R275707		Instrument: VOA6		Method: SW8260						
<b>LCS</b>	Sample ID: <b>VLCSW-160604</b>	Units: <b>ug/L</b>			Analysis Date: <b>04-Jun-2016 11:15</b>					
Client ID:	Run ID: <b>VOA6_275707</b>	SeqNo: <b>3711198</b>		PrepDate:			DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Isopropylbenzene	50.06	1.0	50	0	100	75 - 130				
m,p-Xylene	97.89	2.0	100	0	97.9	80 - 120				
Methyl acetate	44.62	1.0	50	0	89.2	76 - 122				
Methyl tert-butyl ether	42.1	1.0	50	0	84.2	70 - 130				
Methylcyclohexane	50.78	1.0	50	0	102	70 - 126				
Methylene chloride	54.12	2.0	50	0	108	65 - 133				
o-Xylene	49.37	1.0	50	0	98.7	80 - 120				
Styrene	50.12	1.0	50	0	100	78 - 122				
Tetrachloroethene	50.09	1.0	50	0	100	75 - 130				
Toluene	48.83	1.0	50	0	97.7	75 - 121				
trans-1,2-Dichloroethene	52.12	1.0	50	0	104	75 - 125				
trans-1,3-Dichloropropene	47.68	1.0	50	0	95.4	76 - 125				
Trichloroethene	52.86	1.0	50	0	106	71 - 125				
Trichlorofluoromethane	53.74	1.0	50	0	107	67 - 132				
Vinyl chloride	49.96	1.0	50	0	99.9	70 - 135				
Xylenes, Total	147.3	3.0	150	0	98.2	79 - 124				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>45.75</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>91.5</i>	<i>71 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.34</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.7</i>	<i>70 - 125</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.39</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>96.8</i>	<i>74 - 125</i>				
<i>Surr: Toluene-d8</i>	<i>48.2</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>96.4</i>	<i>75 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: R275707		Instrument: VOA6		Method: SW8260						
MS	Sample ID: HS16060086-02MS	Units: ug/L			Analysis Date: 04-Jun-2016 14:26					
Client ID:	Run ID: VOA6_275707	SeqNo: 3711204	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	47.17	1.0	50	0	94.3	75 - 130				
1,1,2,2-Tetrachloroethane	39.51	1.0	50	0	79.0	74 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	51.22	1.0	50	0	102	70 - 130				
1,1,2-Trichloroethane	43.59	1.0	50	0	87.2	80 - 120				
1,1-Dichloroethane	45.74	1.0	50	0	91.5	76 - 120				
1,1-Dichloroethene	45.97	1.0	50	0	91.9	75 - 130				
1,2,4-Trichlorobenzene	42.83	1.0	50	0	85.7	75 - 126				
1,2-Dibromo-3-chloropropane	35.78	1.0	50	0	71.6	65 - 125				
1,2-Dibromoethane	44.08	1.0	50	0	88.2	80 - 121				
1,2-Dichlorobenzene	43.26	1.0	50	0	86.5	80 - 120				
1,2-Dichloroethane	47.73	1.0	50	0	95.5	76 - 120				
1,2-Dichloropropane	46.22	1.0	50	0	92.4	80 - 120				
1,3-Dichlorobenzene	43.16	1.0	50	0	86.3	80 - 120				
1,4-Dichlorobenzene	42.44	1.0	50	0	84.9	80 - 120				
2-Butanone	80.51	2.0	100	0	80.5	60 - 140				
2-Hexanone	78.11	2.0	100	0	78.1	60 - 131				
4-Methyl-2-pentanone	79.2	2.0	100	0	79.2	60 - 135				
Acetone	84.05	2.0	100	0	84.0	60 - 140				
Benzene	47.49	1.0	50	0	95.0	75 - 122				
Bromodichloromethane	46.93	1.0	50	0	93.9	75 - 125				
Bromoform	42.9	1.0	50	0	85.8	70 - 130				
Bromomethane	49.9	1.0	50	0	99.8	60 - 140				
Carbon disulfide	93.5	2.0	100	0	93.5	70 - 130				
Carbon tetrachloride	47.87	1.0	50	0	95.7	79 - 120				
Chlorobenzene	44.66	1.0	50	0	89.3	80 - 120				
Chloroethane	45.35	1.0	50	0	90.7	70 - 130				
Chloroform	46.88	1.0	50	0	93.8	70 - 130				
Chloromethane	44.59	1.0	50	0	89.2	65 - 130				
cis-1,2-Dichloroethene	46.74	1.0	50	0	93.5	75 - 125				
cis-1,3-Dichloropropene	44.98	1.0	50	0	90.0	79 - 125				
Cyclohexane	51.68	1.0	50	0	103	70 - 130				
Dibromochloromethane	44.68	1.0	50	0	89.4	70 - 130				
Dichlorodifluoromethane	47.5	1.0	50	0	95.0	60 - 140				
Ethylbenzene	45.67	1.0	50	0	91.3	80 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: R275707		Instrument: VOA6		Method: SW8260						
MS	Sample ID: HS16060086-02MS	Units: ug/L			Analysis Date: 04-Jun-2016 14:26					
Client ID:	Run ID: VOA6_275707	SeqNo: 3711204	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	45.28	1.0	50	0	90.6	75 - 130				
m,p-Xylene	88.87	2.0	100	0	88.9	80 - 120				
Methyl acetate	44.11	1.0	50	0	88.2	76 - 122				
Methyl tert-butyl ether	48.52	1.0	50	1.01	95.0	70 - 130				
Methylcyclohexane	45.4	1.0	50	0	90.8	70 - 126				
Methylene chloride	50.54	2.0	50	0	101	65 - 133				
o-Xylene	44.9	1.0	50	0	89.8	80 - 120				
Styrene	45.05	1.0	50	0	90.1	78 - 122				
Tetrachloroethene	46.76	1.0	50	0	93.5	75 - 130				
Toluene	44.9	1.0	50	0	89.8	75 - 121				
trans-1,2-Dichloroethene	47.3	1.0	50	0	94.6	75 - 125				
trans-1,3-Dichloropropene	45.3	1.0	50	0	90.6	76 - 125				
Trichloroethene	49.06	1.0	50	0	98.1	71 - 125				
Trichlorofluoromethane	50.16	1.0	50	0	100	67 - 132				
Vinyl chloride	45.36	1.0	50	0	90.7	70 - 135				
Xylenes, Total	133.8	3.0	150	0	89.2	80 - 124				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>46.92</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>93.8</i>	<i>71 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.97</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>99.9</i>	<i>70 - 125</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.65</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.3</i>	<i>74 - 125</i>				
<i>Surr: Toluene-d8</i>	<i>48.12</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>96.2</i>	<i>75 - 125</i>				

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: R275707		Instrument: VOA6		Method: SW8260						
MSD	Sample ID: HS16060086-02MSD	Units: ug/L			Analysis Date: 04-Jun-2016 14:50					
Client ID:	Run ID: VOA6_275707	SeqNo: 3711205	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	46.63	1.0	50	0	93.3	75 - 130	47.17	1.14	20	
1,1,2,2-Tetrachloroethane	39.58	1.0	50	0	79.2	74 - 123	39.51	0.187	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	49.6	1.0	50	0	99.2	70 - 130	51.22	3.23	20	
1,1,2-Trichloroethane	44.05	1.0	50	0	88.1	80 - 120	43.59	1.06	20	
1,1-Dichloroethane	44.89	1.0	50	0	89.8	76 - 120	45.74	1.88	20	
1,1-Dichloroethene	46.01	1.0	50	0	92.0	75 - 130	45.97	0.0797	20	
1,2,4-Trichlorobenzene	45.23	1.0	50	0	90.5	75 - 126	42.83	5.47	20	
1,2-Dibromo-3-chloropropane	37.07	1.0	50	0	74.1	65 - 125	35.78	3.54	20	
1,2-Dibromoethane	44.14	1.0	50	0	88.3	80 - 121	44.08	0.137	20	
1,2-Dichlorobenzene	44.72	1.0	50	0	89.4	80 - 120	43.26	3.31	20	
1,2-Dichloroethane	47.86	1.0	50	0	95.7	76 - 120	47.73	0.286	20	
1,2-Dichloropropane	45.25	1.0	50	0	90.5	80 - 120	46.22	2.12	20	
1,3-Dichlorobenzene	44.17	1.0	50	0	88.3	80 - 120	43.16	2.32	20	
1,4-Dichlorobenzene	43.51	1.0	50	0	87.0	80 - 120	42.44	2.48	20	
2-Butanone	78.87	2.0	100	0	78.9	60 - 140	80.51	2.06	20	
2-Hexanone	78.25	2.0	100	0	78.3	60 - 131	78.11	0.184	20	
4-Methyl-2-pentanone	80.63	2.0	100	0	80.6	60 - 135	79.2	1.79	20	
Acetone	78.63	2.0	100	0	78.6	60 - 140	84.05	6.66	20	
Benzene	46.19	1.0	50	0	92.4	75 - 122	47.49	2.77	20	
Bromodichloromethane	45.85	1.0	50	0	91.7	75 - 125	46.93	2.34	20	
Bromoform	43.13	1.0	50	0	86.3	70 - 130	42.9	0.556	20	
Bromomethane	48.71	1.0	50	0	97.4	60 - 140	49.9	2.4	20	
Carbon disulfide	92.82	2.0	100	0	92.8	70 - 130	93.5	0.735	20	
Carbon tetrachloride	46.06	1.0	50	0	92.1	75 - 125	47.87	3.84	20	
Chlorobenzene	45.49	1.0	50	0	91.0	80 - 120	44.66	1.85	20	
Chloroethane	44.58	1.0	50	0	89.2	70 - 130	45.35	1.72	20	
Chloroform	47.14	1.0	50	0	94.3	70 - 130	46.88	0.567	20	
Chloromethane	43.66	1.0	50	0	87.3	65 - 130	44.59	2.12	20	
cis-1,2-Dichloroethene	46.42	1.0	50	0	92.8	75 - 125	46.74	0.689	20	
cis-1,3-Dichloropropene	45.44	1.0	50	0	90.9	79 - 125	44.98	1.01	20	
Cyclohexane	50.39	1.0	50	0	101	70 - 130	51.68	2.53	20	
Dibromochloromethane	45.87	1.0	50	0	91.7	70 - 130	44.68	2.62	20	
Dichlorodifluoromethane	45.83	1.0	50	0	91.7	60 - 140	47.5	3.58	20	
Ethylbenzene	45.61	1.0	50	0	91.2	80 - 120	45.67	0.132	20	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QC BATCH REPORT**

Batch ID: R275707		Instrument: VOA6		Method: SW8260						
MSD	Sample ID: HS16060086-02MSD	Units: ug/L			Analysis Date: 04-Jun-2016 14:50					
Client ID:	Run ID: VOA6_275707	SeqNo: 3711205		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	45.63	1.0	50	0	91.3	75 - 130	45.28	0.769	20	
m,p-Xylene	89.19	2.0	100	0	89.2	80 - 120	88.87	0.358	20	
Methyl acetate	45.75	1.0	50	0	91.5	76 - 122	44.11	3.64	20	
Methyl tert-butyl ether	48.41	1.0	50	1.01	94.8	70 - 130	48.52	0.243	20	
Methylcyclohexane	36.22	1.0	50	0	72.4	70 - 126	45.4	22.5	20	R
Methylene chloride	50.27	2.0	50	0	101	65 - 133	50.54	0.533	20	
o-Xylene	45.24	1.0	50	0	90.5	80 - 120	44.9	0.746	20	
Styrene	45.68	1.0	50	0	91.4	78 - 122	45.05	1.39	20	
Tetrachloroethene	46.01	1.0	50	0	92.0	75 - 130	46.76	1.62	20	
Toluene	45.12	1.0	50	0	90.2	75 - 121	44.9	0.497	20	
trans-1,2-Dichloroethene	46.85	1.0	50	0	93.7	75 - 125	47.3	0.963	20	
trans-1,3-Dichloropropene	45.07	1.0	50	0	90.1	76 - 125	45.3	0.514	20	
Trichloroethene	47.82	1.0	50	0	95.6	71 - 125	49.06	2.55	20	
Trichlorofluoromethane	48.41	1.0	50	0	96.8	67 - 132	50.16	3.57	20	
Vinyl chloride	44.46	1.0	50	0	88.9	70 - 135	45.36	2.01	20	
Xylenes, Total	134.4	3.0	150	0	89.6	80 - 124	133.8	0.489	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	46.38	1.0	50	0	92.8	71 - 125	46.92	1.16	20	
<i>Surr: 4-Bromofluorobenzene</i>	50	1.0	50	0	100.0	70 - 125	49.97	0.0611	20	
<i>Surr: Dibromofluoromethane</i>	47.97	1.0	50	0	95.9	74 - 125	48.65	1.41	20	
<i>Surr: Toluene-d8</i>	48.34	1.0	50	0	96.7	75 - 125	48.12	0.452	20	

The following samples were analyzed in this batch: HS16051527-02

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**WorkOrder:** HS16051527

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

<b>Acronym</b>	<b>Description</b>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

**Unit Reported    Description**

Date

**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

<b>Agency</b>	<b>Number</b>	<b>Expire Date</b>
Arkansas	16-022-0	27-Mar-2017
California	2919	31-Jul-2016
Kansas	E-10352 2014-2015	31-Jul-2016
Kentucky	96 2016-2017	30-Apr-2017
Louisiana	03087 2015/2016	30-Jun-2016
North Carolina	624 - 2016	31-Dec-2016
North Dakota	R193 2016-2017	30-Apr-2017
Oklahoma	2015-047	31-Aug-2016
Texas	TX104704231-16-17	30-Apr-2017

**Client:** Tetra Tech, Inc.  
**Project:** GSA Goodfellow 103P1058231  
**Work Order:** HS16051527

**SAMPLE TRACKING**

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Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS16051527-01	DPTGW-101	Login	5/26/2016 3:19:45 PM	PMG	14C
HS16051527-02	EB-1	Login	5/26/2016 3:19:45 PM	PMG	14C
HS16051527-02	EB-1	Login	5/26/2016 3:19:45 PM	PMG	14C
HS16051527-02	EB-1	Login	5/26/2016 3:19:45 PM	PMG	VW-3
HS16051527-03	Trip Blank-TSP-05/20/16-01	Login	5/26/2016 3:19:45 PM	PMG	VW-3

Sample Receipt Checklist

Client Name: TETRATECH-KS CITY, MO  
 Work Order: HS16051527

Date/Time Received: **26-May-2016 08:50**  
 Received by: **RPG**

Checklist completed by: Paresh M. Giga 26-May-2016 Reviewed by: Dane J. Wacasey 27-May-2016  
 eSignature Date eSignature Date

Matrices: **Water** Carrier name: **FedEx**

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- TX1005 solids received in hermetically sealed vials? Yes  No  N/A
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No

Temperature(s)/Thermometer(s): 3.0c/3.7c U/C IR4  
 Cooler(s)/Kit(s): 25462  
 Date/Time sample(s) sent to storage: 5/26/16 15:30

- Water - VOA vials have zero headspace? Yes  No  No VOA vials submitted
  - Water - pH acceptable upon receipt? Yes  No  N/A
  - pH adjusted? Yes  No  N/A
- pH adjusted by:

Login Notes: **Both Trip Blank vials received broken in transit.**

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

[Redacted text block]

(b) (6)

(b) (6)

(b) (6)

 <b>ALS Environmental</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By:
	25462 Date: 5-25-16 Name: ADAM WATKINS Company: STRATTECH	Time: 12:00 Date: 05/26/16	C-77 05/26/16

25462

MAY 26 2016

1 of 2  
 TRK# 7832 0960 3346  
0201  
 ## MASTER ##

THU - 26 MAY 10:30A  
 PRIORITY OVERNIGHT

**NH SGRA**

77099  
 TX-US IAH





**APPENDIX H**  
**DATA VALIDATION REPORTS**

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-101	HS16051317-01	Percent Moisture	17.9		0.0100	0.0100	1	wt%	17.9	
DPTS-101	HS16051317-01	Aroclor 1016	0		0.0051	0.020	1	mg/Kg-dry	0.02	U
DPTS-101	HS16051317-01	Aroclor 1221	0		0.0068	0.020	1	mg/Kg-dry	0.02	U
DPTS-101	HS16051317-01	Aroclor 1232	0		0.0055	0.020	1	mg/Kg-dry	0.02	U
DPTS-101	HS16051317-01	Aroclor 1242	0		0.0072	0.020	1	mg/Kg-dry	0.02	U
DPTS-101	HS16051317-01	Aroclor 1248	0		0.0072	0.020	1	mg/Kg-dry	0.02	U
DPTS-101	HS16051317-01	Aroclor 1254	0		0.0057	0.020	1	mg/Kg-dry	0.02	U
DPTS-101	HS16051317-01	Aroclor 1260	0		0.0029	0.020	1	mg/Kg-dry	0.02	U
DPTS-102	HS16051317-02	Percent Moisture	22.5		0.0100	0.0100	1	wt%	22.5	
DPTS-102	HS16051317-02	Aroclor 1016	0		0.0054	0.021	1	mg/Kg-dry	0.021	U
DPTS-102	HS16051317-02	Aroclor 1221	0		0.0072	0.021	1	mg/Kg-dry	0.021	U
DPTS-102	HS16051317-02	Aroclor 1232	0		0.0058	0.021	1	mg/Kg-dry	0.021	U
DPTS-102	HS16051317-02	Aroclor 1242	0		0.0076	0.021	1	mg/Kg-dry	0.021	U
DPTS-102	HS16051317-02	Aroclor 1248	0		0.0076	0.021	1	mg/Kg-dry	0.021	U
DPTS-102	HS16051317-02	Aroclor 1254	0		0.0060	0.021	1	mg/Kg-dry	0.021	U
DPTS-102	HS16051317-02	Aroclor 1260	0		0.0031	0.021	1	mg/Kg-dry	0.021	U
DPTS-103	HS16051317-03	Percent Moisture	16.3		0.0100	0.0100	1	wt%	16.3	
DPTS-103	HS16051317-03	Aroclor 1016	0		0.0050	0.020	1	mg/Kg-dry	0.02	U
DPTS-103	HS16051317-03	Aroclor 1221	0		0.0067	0.020	1	mg/Kg-dry	0.02	U
DPTS-103	HS16051317-03	Aroclor 1232	0		0.0054	0.020	1	mg/Kg-dry	0.02	U
DPTS-103	HS16051317-03	Aroclor 1242	0		0.0070	0.020	1	mg/Kg-dry	0.02	U
DPTS-103	HS16051317-03	Aroclor 1248	0		0.0070	0.020	1	mg/Kg-dry	0.02	U
DPTS-103	HS16051317-03	Aroclor 1254	0		0.0056	0.020	1	mg/Kg-dry	0.02	U
DPTS-103	HS16051317-03	Aroclor 1260	0		0.0029	0.020	1	mg/Kg-dry	0.02	U
DPTS-104	HS16051317-04	Percent Moisture	19.5		0.0100	0.0100	1	wt%	19.5	
DPTS-104	HS16051317-04	Aroclor 1016	0		0.0052	0.021	1	mg/Kg-dry	0.021	U
DPTS-104	HS16051317-04	Aroclor 1221	0		0.0069	0.021	1	mg/Kg-dry	0.021	U
DPTS-104	HS16051317-04	Aroclor 1232	0		0.0056	0.021	1	mg/Kg-dry	0.021	U
DPTS-104	HS16051317-04	Aroclor 1242	0		0.0073	0.021	1	mg/Kg-dry	0.021	U
DPTS-104	HS16051317-04	Aroclor 1248	0		0.0073	0.021	1	mg/Kg-dry	0.021	U
DPTS-104	HS16051317-04	Aroclor 1254	0		0.0058	0.021	1	mg/Kg-dry	0.021	U
DPTS-104	HS16051317-04	Aroclor 1260	0		0.0030	0.021	1	mg/Kg-dry	0.021	U
DPTS-105	HS16051317-05	Percent Moisture	11.6		0.0100	0.0100	1	wt%	11.6	
DPTS-105	HS16051317-05	Aroclor 1016	0		0.0047	0.019	1	mg/Kg-dry	0.019	U
DPTS-105	HS16051317-05	Aroclor 1221	0		0.0063	0.019	1	mg/Kg-dry	0.019	U
DPTS-105	HS16051317-05	Aroclor 1232	0		0.0051	0.019	1	mg/Kg-dry	0.019	U
DPTS-105	HS16051317-05	Aroclor 1242	0		0.0067	0.019	1	mg/Kg-dry	0.019	U
DPTS-105	HS16051317-05	Aroclor 1248	0		0.0067	0.019	1	mg/Kg-dry	0.019	U
DPTS-105	HS16051317-05	Aroclor 1254	0		0.0053	0.019	1	mg/Kg-dry	0.019	U
DPTS-105	HS16051317-05	Aroclor 1260	0		0.0027	0.019	1	mg/Kg-dry	0.019	U
DPTS-106	HS16051317-06	Percent Moisture	22.3		0.0100	0.0100	1	wt%	22.3	
DPTS-106	HS16051317-06	Aroclor 1016	0		0.0054	0.021	1	mg/Kg-dry	0.021	U
DPTS-106	HS16051317-06	Aroclor 1221	0		0.0072	0.021	1	mg/Kg-dry	0.021	U
DPTS-106	HS16051317-06	Aroclor 1232	0		0.0058	0.021	1	mg/Kg-dry	0.021	U
DPTS-106	HS16051317-06	Aroclor 1242	0		0.0076	0.021	1	mg/Kg-dry	0.021	U
DPTS-106	HS16051317-06	Aroclor 1248	0		0.0076	0.021	1	mg/Kg-dry	0.021	U
DPTS-106	HS16051317-06	Aroclor 1254	0		0.0060	0.021	1	mg/Kg-dry	0.021	U
DPTS-106	HS16051317-06	Aroclor 1260	0		0.0031	0.021	1	mg/Kg-dry	0.021	U
DPTS-107	HS16051317-07	Percent Moisture	14.2		0.0100	0.0100	1	wt%	14.2	
DPTS-107	HS16051317-07	Aroclor 1016	0		0.0049	0.019	1	mg/Kg-dry	0.019	U
DPTS-107	HS16051317-07	Aroclor 1221	0		0.0065	0.019	1	mg/Kg-dry	0.019	U
DPTS-107	HS16051317-07	Aroclor 1232	0		0.0052	0.019	1	mg/Kg-dry	0.019	U
DPTS-107	HS16051317-07	Aroclor 1242	0		0.0068	0.019	1	mg/Kg-dry	0.019	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-107	HS16051317-07	Aroclor 1248	0		0.0068	0.019	1	mg/Kg-dry	0.019	U
DPTS-107	HS16051317-07	Aroclor 1254	0		0.0055	0.019	1	mg/Kg-dry	0.019	U
DPTS-107	HS16051317-07	Aroclor 1260	0		0.0028	0.019	1	mg/Kg-dry	0.019	U
DPTS-108	HS16051317-08	Percent Moisture	21.7		0.0100	0.0100	1	wt%	21.7	
DPTS-108	HS16051317-08	Aroclor 1016	0		0.0053	0.021	1	mg/Kg-dry	0.021	U
DPTS-108	HS16051317-08	Aroclor 1221	0		0.0071	0.021	1	mg/Kg-dry	0.021	U
DPTS-108	HS16051317-08	Aroclor 1232	0		0.0057	0.021	1	mg/Kg-dry	0.021	U
DPTS-108	HS16051317-08	Aroclor 1242	0		0.0075	0.021	1	mg/Kg-dry	0.021	U
DPTS-108	HS16051317-08	Aroclor 1248	0		0.0075	0.021	1	mg/Kg-dry	0.021	U
DPTS-108	HS16051317-08	Aroclor 1254	0		0.0060	0.021	1	mg/Kg-dry	0.021	U
DPTS-108	HS16051317-08	Aroclor 1260	0		0.0031	0.021	1	mg/Kg-dry	0.021	U
DPTS-109	HS16051317-09	Percent Moisture	20.7		0.0100	0.0100	1	wt%	20.7	
DPTS-109	HS16051317-09	Aroclor 1016	0		0.0053	0.021	1	mg/Kg-dry	0.021	U
DPTS-109	HS16051317-09	Aroclor 1221	0		0.0070	0.021	1	mg/Kg-dry	0.021	U
DPTS-109	HS16051317-09	Aroclor 1232	0		0.0056	0.021	1	mg/Kg-dry	0.021	U
DPTS-109	HS16051317-09	Aroclor 1242	0		0.0074	0.021	1	mg/Kg-dry	0.021	U
DPTS-109	HS16051317-09	Aroclor 1248	0		0.0074	0.021	1	mg/Kg-dry	0.021	U
DPTS-109	HS16051317-09	Aroclor 1254	0		0.0059	0.021	1	mg/Kg-dry	0.021	U
DPTS-109	HS16051317-09	Aroclor 1260	0		0.0030	0.021	1	mg/Kg-dry	0.021	U
DPTS-110	HS16051317-10	Percent Moisture	16.9		0.0100	0.0100	1	wt%	16.9	
DPTS-110	HS16051317-10	1,1,1-Trichloroethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,1,2,2-Tetrachloroethane	0		0.00079	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00069	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,1,2-Trichloroethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,1-Dichloroethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,1-Dichloroethene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,2,4-Trichlorobenzene	0		0.0011	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,2-Dibromo-3-chloropropane	0		0.0016	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,2-Dibromoethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,2-Dichlorobenzene	0		0.00099	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,2-Dichloroethane	0		0.00059	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,2-Dichloropropane	0		0.00079	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,3-Dichlorobenzene	0		0.0011	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	1,4-Dichlorobenzene	0		0.00099	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	2-Butanone	0		0.0013	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-110	HS16051317-10	2-Hexanone	0		0.0014	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-110	HS16051317-10	4-Methyl-2-pentanone	0		0.0020	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-110	HS16051317-10	Acetone	0.065		0.0031	0.020	1	mg/Kg-dry	0.065	J
DPTS-110	HS16051317-10	Benzene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Bromodichloromethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Bromoform	0		0.00059	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Bromomethane	0		0.00099	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-110	HS16051317-10	Carbon disulfide	0		0.00059	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-110	HS16051317-10	Carbon tetrachloride	0		0.00059	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Chlorobenzene	0		0.00059	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Chloroethane	0		0.00079	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-110	HS16051317-10	Chloroform	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Chloromethane	0		0.00049	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-110	HS16051317-10	cis-1,2-Dichloroethene	0		0.00079	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	cis-1,3-Dichloropropene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Cyclohexane	0		0.00099	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Dibromochloromethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Dichlorodifluoromethane	0		0.00069	0.0049	1	mg/Kg-dry	0.0049	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-110	HS16051317-10	Ethylbenzene	0		0.00069	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Isopropylbenzene	0		0.00089	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	m,p-Xylene	0		0.0016	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-110	HS16051317-10	Methyl acetate	0		0.00069	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Methyl tert-butyl ether	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Methylcyclohexane	0		0.0012	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Methylene chloride	0		0.00099	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-110	HS16051317-10	o-Xylene	0		0.00099	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Styrene	0		0.00069	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Tetrachloroethene	0		0.00069	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Toluene	0		0.00059	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	trans-1,2-Dichloroethene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	trans-1,3-Dichloropropene	0		0.00059	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Trichloroethene	0		0.00059	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Trichlorofluoromethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-110	HS16051317-10	Vinyl chloride	0		0.00079	0.0020	1	mg/Kg-dry	0.002	UJ
DPTS-110	HS16051317-10	Xylenes, Total	0		0.0024	0.0099	1	mg/Kg-dry	0.0099	UJ
DPTS-111	HS16051317-11	Percent Moisture	22.2		0.0100	0.0100	1	wt%	22.2	
DPTS-111	HS16051317-11	1,1,1-Trichloroethane	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,1,2,2-Tetrachloroethane	0		0.00092	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00080	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,1,2-Trichloroethane	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,1-Dichloroethane	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,1-Dichloroethene	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,2,4-Trichlorobenzene	0		0.0013	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,2-Dibromo-3-chloropropane	0		0.0018	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,2-Dibromoethane	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,2-Dichlorobenzene	0		0.0011	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,2-Dichloroethane	0		0.00069	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,2-Dichloropropane	0		0.00092	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,3-Dichlorobenzene	0		0.0013	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	1,4-Dichlorobenzene	0		0.0011	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	2-Butanone	0		0.0015	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-111	HS16051317-11	2-Hexanone	0		0.0016	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-111	HS16051317-11	4-Methyl-2-pentanone	0		0.0023	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-111	HS16051317-11	Acetone	0		0.0035	0.023	1	mg/Kg-dry	0.023	UJ
DPTS-111	HS16051317-11	Benzene	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Bromodichloromethane	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Bromoform	0		0.00069	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Bromomethane	0		0.0011	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-111	HS16051317-11	Carbon disulfide	0		0.00069	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-111	HS16051317-11	Carbon tetrachloride	0		0.00069	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Chlorobenzene	0		0.00069	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Chloroethane	0		0.00092	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-111	HS16051317-11	Chloroform	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Chloromethane	0		0.00057	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-111	HS16051317-11	cis-1,2-Dichloroethene	0		0.00092	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	cis-1,3-Dichloropropene	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Cyclohexane	0		0.0011	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Dibromochloromethane	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Dichlorodifluoromethane	0		0.00080	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Ethylbenzene	0		0.00080	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Isopropylbenzene	0		0.0010	0.0057	1	mg/Kg-dry	0.0057	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-111	HS16051317-11	m,p-Xylene	0		0.0018	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-111	HS16051317-11	Methyl acetate	0		0.00080	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Methyl tert-butyl ether	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Methylcyclohexane	0		0.0014	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Methylene chloride	0		0.0011	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-111	HS16051317-11	o-Xylene	0		0.0011	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Styrene	0		0.00080	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Tetrachloroethene	0		0.00080	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Toluene	0		0.00069	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	trans-1,2-Dichloroethene	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	trans-1,3-Dichloropropene	0		0.00069	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Trichloroethene	0		0.00069	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Trichlorofluoromethane	0		0.00057	0.0057	1	mg/Kg-dry	0.0057	UJ
DPTS-111	HS16051317-11	Vinyl chloride	0		0.00092	0.0023	1	mg/Kg-dry	0.0023	UJ
DPTS-111	HS16051317-11	Xylenes, Total	0		0.0027	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-112	HS16051317-12	Percent Moisture	11.7		0.0100	0.0100	1	wt%	11.7	
DPTS-112	HS16051317-12	1,1,1-Trichloroethane	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,1,2,2-Tetrachloroethane	0		0.00065	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00057	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,1,2-Trichloroethane	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,1-Dichloroethane	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,1-Dichloroethene	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,2,4-Trichlorobenzene	0		0.00090	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,2-Dibromo-3-chloropropane	0		0.0013	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,2-Dibromoethane	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,2-Dichlorobenzene	0		0.00082	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,2-Dichloroethane	0		0.00049	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,2-Dichloropropane	0		0.00065	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,3-Dichlorobenzene	0		0.00090	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	1,4-Dichlorobenzene	0		0.00082	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	2-Butanone	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-112	HS16051317-12	2-Hexanone	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-112	HS16051317-12	4-Methyl-2-pentanone	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-112	HS16051317-12	Acetone	0		0.0025	0.016	1	mg/Kg-dry	0.016	UJ
DPTS-112	HS16051317-12	Benzene	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Bromodichloromethane	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Bromoform	0		0.00049	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Bromomethane	0		0.00082	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-112	HS16051317-12	Carbon disulfide	0		0.00049	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-112	HS16051317-12	Carbon tetrachloride	0		0.00049	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Chlorobenzene	0		0.00049	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Chloroethane	0		0.00065	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-112	HS16051317-12	Chloroform	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Chloromethane	0		0.00041	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-112	HS16051317-12	cis-1,2-Dichloroethene	0		0.00065	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	cis-1,3-Dichloropropene	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Cyclohexane	0		0.00082	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Dibromochloromethane	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Dichlorodifluoromethane	0		0.00057	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Ethylbenzene	0		0.00057	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Isopropylbenzene	0		0.00073	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	m,p-Xylene	0		0.0013	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-112	HS16051317-12	Methyl acetate	0		0.00057	0.0041	1	mg/Kg-dry	0.0041	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-112	HS16051317-12	Methyl tert-butyl ether	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Methylcyclohexane	0		0.00098	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Methylene chloride	0		0.00082	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-112	HS16051317-12	o-Xylene	0		0.00082	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Styrene	0		0.00057	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Tetrachloroethene	0		0.00057	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Toluene	0		0.00049	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	trans-1,2-Dichloroethene	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	trans-1,3-Dichloropropene	0		0.00049	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Trichloroethene	0		0.00049	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Trichlorofluoromethane	0		0.00041	0.0041	1	mg/Kg-dry	0.0041	UJ
DPTS-112	HS16051317-12	Vinyl chloride	0		0.00065	0.0016	1	mg/Kg-dry	0.0016	UJ
DPTS-112	HS16051317-12	Xylenes, Total	0		0.0020	0.0082	1	mg/Kg-dry	0.0082	UJ
DPTS-113	HS16051317-13	Percent Moisture	13.8		0.0100	0.0100	1	wt%	13.8	
DPTS-113	HS16051317-13	1,1,1-Trichloroethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,1,2,2-Tetrachloroethane	0		0.00071	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,1,2-Trichloroethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,1-Dichloroethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,1-Dichloroethene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,2,4-Trichlorobenzene	0		0.00098	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,2-Dibromo-3-chloropropane	0		0.0014	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,2-Dibromoethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,2-Dichlorobenzene	0		0.00089	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,2-Dichloroethane	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,2-Dichloropropane	0		0.00071	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,3-Dichlorobenzene	0		0.00098	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	1,4-Dichlorobenzene	0		0.00089	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	2-Butanone	0		0.0012	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-113	HS16051317-13	2-Hexanone	0		0.0013	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-113	HS16051317-13	4-Methyl-2-pentanone	0		0.0018	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-113	HS16051317-13	Acetone	0		0.0028	0.018	1	mg/Kg-dry	0.018	UJ
DPTS-113	HS16051317-13	Benzene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Bromodichloromethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Bromoform	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Bromomethane	0		0.00089	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-113	HS16051317-13	Carbon disulfide	0		0.00054	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-113	HS16051317-13	Carbon tetrachloride	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Chlorobenzene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Chloroethane	0		0.00071	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-113	HS16051317-13	Chloroform	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Chloromethane	0		0.00045	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-113	HS16051317-13	cis-1,2-Dichloroethene	0		0.00071	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	cis-1,3-Dichloropropene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Cyclohexane	0		0.00089	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Dibromochloromethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Dichlorodifluoromethane	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Ethylbenzene	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Isopropylbenzene	0		0.00080	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	m,p-Xylene	0		0.0014	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-113	HS16051317-13	Methyl acetate	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Methyl tert-butyl ether	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Methylcyclohexane	0		0.0011	0.0045	1	mg/Kg-dry	0.0045	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-113	HS16051317-13	Methylene chloride	0		0.00089	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-113	HS16051317-13	o-Xylene	0		0.00089	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Styrene	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Tetrachloroethene	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Toluene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	trans-1,2-Dichloroethene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	trans-1,3-Dichloropropene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Trichloroethene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Trichlorofluoromethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-113	HS16051317-13	Vinyl chloride	0		0.00071	0.0018	1	mg/Kg-dry	0.0018	UJ
DPTS-113	HS16051317-13	Xylenes, Total	0		0.0021	0.0089	1	mg/Kg-dry	0.0089	UJ
DPTS-114	HS16051317-14	Percent Moisture	19.6		0.0100	0.0100	1	wt%	19.6	
DPTS-114	HS16051317-14	1,1,1-Trichloroethane	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,1,2,2-Tetrachloroethane	0		0.00085	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00074	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,1,2-Trichloroethane	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,1-Dichloroethane	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,1-Dichloroethene	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,2,4-Trichlorobenzene	0		0.0012	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,2-Dibromo-3-chloropropane	0		0.0017	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,2-Dibromoethane	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,2-Dichlorobenzene	0		0.0011	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,2-Dichloroethane	0		0.00063	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,2-Dichloropropane	0		0.00085	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,3-Dichlorobenzene	0		0.0012	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	1,4-Dichlorobenzene	0		0.0011	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	2-Butanone	0		0.0014	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-114	HS16051317-14	2-Hexanone	0		0.0015	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-114	HS16051317-14	4-Methyl-2-pentanone	0		0.0021	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-114	HS16051317-14	Acetone	0		0.0033	0.021	1	mg/Kg-dry	0.021	UJ
DPTS-114	HS16051317-14	Benzene	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Bromodichloromethane	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Bromoform	0		0.00063	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Bromomethane	0		0.0011	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-114	HS16051317-14	Carbon disulfide	0		0.00063	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-114	HS16051317-14	Carbon tetrachloride	0		0.00063	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Chlorobenzene	0		0.00063	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Chloroethane	0		0.00085	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-114	HS16051317-14	Chloroform	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Chloromethane	0		0.00053	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-114	HS16051317-14	cis-1,2-Dichloroethene	0		0.00085	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	cis-1,3-Dichloropropene	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Cyclohexane	0		0.0011	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Dibromochloromethane	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Dichlorodifluoromethane	0		0.00074	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Ethylbenzene	0		0.00074	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Isopropylbenzene	0		0.00095	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	m,p-Xylene	0		0.0017	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-114	HS16051317-14	Methyl acetate	0		0.00074	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Methyl tert-butyl ether	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Methylcyclohexane	0		0.0013	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Methylene chloride	0		0.0011	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-114	HS16051317-14	o-Xylene	0		0.0011	0.0053	1	mg/Kg-dry	0.0053	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-114	HS16051317-14	Styrene	0		0.00074	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Tetrachloroethene	0		0.00074	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Toluene	0		0.00063	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	trans-1,2-Dichloroethene	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	trans-1,3-Dichloropropene	0		0.00063	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Trichloroethene	0		0.00063	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Trichlorofluoromethane	0		0.00053	0.0053	1	mg/Kg-dry	0.0053	UJ
DPTS-114	HS16051317-14	Vinyl chloride	0		0.00085	0.0021	1	mg/Kg-dry	0.0021	UJ
DPTS-114	HS16051317-14	Xylenes, Total	0		0.0025	0.011	1	mg/Kg-dry	0.011	UJ
DPTS-115	HS16051317-15	Percent Moisture	21.8		0.0100	0.0100	1	wt%	21.8	
DPTS-115	HS16051317-15	1,1,1-Trichloroethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,1,2,2-Tetrachloroethane	0		0.00081	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,1,2-Trichloroethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,1-Dichloroethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,1-Dichloroethene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,2,4-Trichlorobenzene	0		0.0011	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,2-Dibromo-3-chloropropane	0		0.0016	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,2-Dibromoethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,2-Dichlorobenzene	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,2-Dichloroethane	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,2-Dichloropropane	0		0.00081	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,3-Dichlorobenzene	0		0.0011	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	1,4-Dichlorobenzene	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	2-Butanone	0		0.0013	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-115	HS16051317-15	2-Hexanone	0		0.0014	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-115	HS16051317-15	4-Methyl-2-pentanone	0		0.0020	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-115	HS16051317-15	Acetone	0		0.0031	0.020	1	mg/Kg-dry	0.02	UJ
DPTS-115	HS16051317-15	Benzene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Bromodichloromethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Bromoform	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Bromomethane	0		0.0010	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-115	HS16051317-15	Carbon disulfide	0		0.00061	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-115	HS16051317-15	Carbon tetrachloride	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Chlorobenzene	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Chloroethane	0		0.00081	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-115	HS16051317-15	Chloroform	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Chloromethane	0		0.00051	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-115	HS16051317-15	cis-1,2-Dichloroethene	0		0.00081	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	cis-1,3-Dichloropropene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Cyclohexane	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Dibromochloromethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Dichlorodifluoromethane	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Ethylbenzene	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Isopropylbenzene	0		0.00091	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	m,p-Xylene	0		0.0016	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-115	HS16051317-15	Methyl acetate	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Methyl tert-butyl ether	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Methylcyclohexane	0		0.0012	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Methylene chloride	0		0.0010	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-115	HS16051317-15	o-Xylene	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Styrene	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Tetrachloroethene	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ



Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-115	HS16051317-15	Toluene	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	trans-1,2-Dichloroethene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	trans-1,3-Dichloropropene	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Trichloroethene	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Trichlorofluoromethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-115	HS16051317-15	Vinyl chloride	0		0.00081	0.0020	1	mg/Kg-dry	0.002	UJ
DPTS-115	HS16051317-15	Xylenes, Total	0		0.0024	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-116	HS16051317-16	Percent Moisture	12.8		0.0100	0.0100	1	wt%	12.8	
DPTS-116	HS16051317-16	1,1,1-Trichloroethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,1,2,2-Tetrachloroethane	0		0.00070	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,1,2-Trichloroethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,1-Dichloroethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,1-Dichloroethene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,2,4-Trichlorobenzene	0		0.00096	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,2-Dibromo-3-chloropropane	0		0.0014	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,2-Dibromoethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,2-Dichlorobenzene	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,2-Dichloroethane	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,2-Dichloropropane	0		0.00070	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,3-Dichlorobenzene	0		0.00096	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	1,4-Dichlorobenzene	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	2-Butanone	0		0.0011	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-116	HS16051317-16	2-Hexanone	0		0.0012	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-116	HS16051317-16	4-Methyl-2-pentanone	0		0.0017	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-116	HS16051317-16	Acetone	0.044		0.0027	0.017	1	mg/Kg-dry	0.017	UJ
DPTS-116	HS16051317-16	Benzene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Bromodichloromethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Bromoform	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Bromomethane	0		0.00087	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-116	HS16051317-16	Carbon disulfide	0		0.00052	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-116	HS16051317-16	Carbon tetrachloride	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Chlorobenzene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Chloroethane	0		0.00070	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-116	HS16051317-16	Chloroform	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Chloromethane	0		0.00044	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-116	HS16051317-16	cis-1,2-Dichloroethene	0		0.00070	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	cis-1,3-Dichloropropene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Cyclohexane	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Dibromochloromethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Dichlorodifluoromethane	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Ethylbenzene	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Isopropylbenzene	0		0.00078	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	m,p-Xylene	0		0.0014	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-116	HS16051317-16	Methyl acetate	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Methyl tert-butyl ether	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Methylcyclohexane	0		0.0010	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Methylene chloride	0		0.00087	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-116	HS16051317-16	o-Xylene	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Styrene	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Tetrachloroethene	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Toluene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	trans-1,2-Dichloroethene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-116	HS16051317-16	trans-1,3-Dichloropropene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Trichloroethene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Trichlorofluoromethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-116	HS16051317-16	Vinyl chloride	0		0.00070	0.0017	1	mg/Kg-dry	0.0017	UJ
DPTS-116	HS16051317-16	Xylenes, Total	0		0.0021	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-117	HS16051317-17	Percent Moisture	19.3		0.0100	0.0100	1	wt%	19.3	
DPTS-117	HS16051317-17	1,1,1-Trichloroethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,1,2,2-Tetrachloroethane	0		0.00077	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00068	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,1,2-Trichloroethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,1-Dichloroethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,1-Dichloroethene	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,2,4-Trichlorobenzene	0		0.0011	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,2-Dibromo-3-chloropropane	0		0.0015	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,2-Dibromoethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,2-Dichlorobenzene	0		0.00097	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,2-Dichloroethane	0		0.00058	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,2-Dichloropropane	0		0.00077	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,3-Dichlorobenzene	0		0.0011	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	1,4-Dichlorobenzene	0		0.00097	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	2-Butanone	0		0.0013	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-117	HS16051317-17	2-Hexanone	0		0.0014	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-117	HS16051317-17	4-Methyl-2-pentanone	0		0.0019	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-117	HS16051317-17	Acetone	0		0.0030	0.019	1	mg/Kg-dry	0.019	UJ
DPTS-117	HS16051317-17	Benzene	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Bromodichloromethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Bromoform	0		0.00058	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Bromomethane	0		0.00097	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-117	HS16051317-17	Carbon disulfide	0		0.00058	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-117	HS16051317-17	Carbon tetrachloride	0		0.00058	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Chlorobenzene	0		0.00058	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Chloroethane	0		0.00077	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-117	HS16051317-17	Chloroform	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Chloromethane	0		0.00048	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-117	HS16051317-17	cis-1,2-Dichloroethene	0		0.00077	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	cis-1,3-Dichloropropene	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Cyclohexane	0		0.00097	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Dibromochloromethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Dichlorodifluoromethane	0		0.00068	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Ethylbenzene	0		0.00068	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Isopropylbenzene	0		0.00087	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	m,p-Xylene	0		0.0015	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-117	HS16051317-17	Methyl acetate	0		0.00068	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Methyl tert-butyl ether	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Methylcyclohexane	0		0.0012	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Methylene chloride	0		0.00097	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-117	HS16051317-17	o-Xylene	0		0.00097	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Styrene	0		0.00068	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Tetrachloroethene	0		0.00068	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Toluene	0		0.00058	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	trans-1,2-Dichloroethene	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	trans-1,3-Dichloropropene	0		0.00058	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Trichloroethene	0		0.00058	0.0048	1	mg/Kg-dry	0.0048	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-117	HS16051317-17	Trichlorofluoromethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-117	HS16051317-17	Vinyl chloride	0		0.00077	0.0019	1	mg/Kg-dry	0.0019	UJ
DPTS-117	HS16051317-17	Xylenes, Total	0		0.0023	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-118	HS16051317-18	Percent Moisture	15.8		0.0100	0.0100	1	wt%	15.8	
DPTS-118	HS16051317-18	1,1,1-Trichloroethane	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,1,2,2-Tetrachloroethane	0		0.00069	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00061	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,1,2-Trichloroethane	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,1-Dichloroethane	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,1-Dichloroethene	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,2,4-Trichlorobenzene	0		0.00095	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,2-Dibromo-3-chloropropane	0		0.0014	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,2-Dibromoethane	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,2-Dichlorobenzene	0		0.00087	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,2-Dichloroethane	0		0.00052	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,2-Dichloropropane	0		0.00069	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,3-Dichlorobenzene	0		0.00095	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	1,4-Dichlorobenzene	0		0.00087	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	2-Butanone	0		0.0011	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-118	HS16051317-18	2-Hexanone	0		0.0012	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-118	HS16051317-18	4-Methyl-2-pentanone	0		0.0017	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-118	HS16051317-18	Acetone	0		0.0027	0.017	1	mg/Kg-dry	0.017	UJ
DPTS-118	HS16051317-18	Benzene	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Bromodichloromethane	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Bromoform	0		0.00052	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Bromomethane	0		0.00087	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-118	HS16051317-18	Carbon disulfide	0		0.00052	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-118	HS16051317-18	Carbon tetrachloride	0		0.00052	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Chlorobenzene	0		0.00052	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Chloroethane	0		0.00069	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-118	HS16051317-18	Chloroform	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Chloromethane	0		0.00043	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-118	HS16051317-18	cis-1,2-Dichloroethene	0		0.00069	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	cis-1,3-Dichloropropene	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Cyclohexane	0		0.00087	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Dibromochloromethane	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Dichlorodifluoromethane	0		0.00061	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Ethylbenzene	0		0.00061	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Isopropylbenzene	0		0.00078	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	m,p-Xylene	0		0.0014	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-118	HS16051317-18	Methyl acetate	0		0.00061	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Methyl tert-butyl ether	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Methylcyclohexane	0		0.0010	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Methylene chloride	0		0.00087	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-118	HS16051317-18	o-Xylene	0		0.00087	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Styrene	0		0.00061	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Tetrachloroethene	0		0.00061	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Toluene	0		0.00052	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	trans-1,2-Dichloroethene	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	trans-1,3-Dichloropropene	0		0.00052	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Trichloroethene	0		0.00052	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Trichlorofluoromethane	0		0.00043	0.0043	1	mg/Kg-dry	0.0043	UJ
DPTS-118	HS16051317-18	Vinyl chloride	0		0.00069	0.0017	1	mg/Kg-dry	0.0017	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-118	HS16051317-18	Xylenes, Total	0		0.0021	0.0087	1	mg/Kg-dry	0.0087	UJ
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,1,1-Trichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,1,2,2-Tetrachloroethane	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.0010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,1,2-Trichloroethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,1-Dichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,1-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,2,4-Trichlorobenzene	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,2-Dibromo-3-chloropropane	0		0.0010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,2-Dibromoethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,2-Dichlorobenzene	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,2-Dichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,2-Dichloropropane	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,3-Dichlorobenzene	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	1,4-Dichlorobenzene	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	2-Butanone	0		0.00050	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	2-Hexanone	0		0.0010	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	4-Methyl-2-pentanone	0		0.00070	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Acetone	0		0.0020	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Benzene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Bromodichloromethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Bromoform	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Bromomethane	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Carbon disulfide	0		0.00060	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Carbon tetrachloride	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Chlorobenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Chloroethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Chloroform	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Chloromethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	cis-1,2-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	cis-1,3-Dichloropropene	0		0.00010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Cyclohexane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Dibromochloromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Dichlorodifluoromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Ethylbenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Isopropylbenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	m,p-Xylene	0		0.00050	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Methyl acetate	0		0.0010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Methyl tert-butyl ether	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Methylcyclohexane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Methylene chloride	0		0.0010	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	o-Xylene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Styrene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Tetrachloroethene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Toluene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	trans-1,2-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	trans-1,3-Dichloropropene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Trichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Trichlorofluoromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Vinyl chloride	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-01	HS16051317-19	Xylenes, Total	0		0.00050	0.0030	1	mg/L	0.003	U
DPTS-119	HS16051317-20	Percent Moisture	18.2		0.0100	0.0100	1	wt%	18.2	
DPTS-119	HS16051317-20	1,1'-Biphenyl	0		0.0021	0.0080	1	mg/Kg-dry	0.008	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-119	HS16051317-20	2,4,5-Trichlorophenol	0		0.0030	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2,4,6-Trichlorophenol	0		0.0021	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2,4-Dichlorophenol	0		0.0016	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2,4-Dimethylphenol	0		0.0040	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2,4-Dinitrophenol	0		0.0055	0.016	1	mg/Kg-dry	0.016	U
DPTS-119	HS16051317-20	2,4-Dinitrotoluene	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2,6-Dinitrotoluene	0		0.0040	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2-Chloronaphthalene	0		0.0016	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2-Chlorophenol	0		0.0016	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2-Methylnaphthalene	0		0.00061	0.0040	1	mg/Kg-dry	0.004	U
DPTS-119	HS16051317-20	2-Methylphenol	0		0.0013	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2-Nitroaniline	0		0.0023	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	2-Nitrophenol	0		0.0030	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	3&4-Methylphenol	0		0.0012	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	3,3'-Dichlorobenzidine	0		0.0030	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	3-Nitroaniline	0		0.0023	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	4,6-Dinitro-2-methylphenol	0		0.0026	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	4-Bromophenyl phenyl ether	0		0.0019	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	4-Chloro-3-methylphenol	0		0.00085	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	4-Chloroaniline	0		0.0013	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	4-Chlorophenyl phenyl ether	0		0.0018	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	4-Nitroaniline	0		0.0027	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	4-Nitrophenol	0		0.0023	0.016	1	mg/Kg-dry	0.016	U
DPTS-119	HS16051317-20	Acenaphthene	0		0.00061	0.0040	1	mg/Kg-dry	0.004	U
DPTS-119	HS16051317-20	Acenaphthylene	0		0.0012	0.0040	1	mg/Kg-dry	0.004	U
DPTS-119	HS16051317-20	Acetophenone	0		0.00097	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Anthracene	0.0017	J	0.00061	0.0040	1	mg/Kg-dry	0.0017	J
DPTS-119	HS16051317-20	Atrazine	0		0.0024	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Benz(a)anthracene	0.017		0.0019	0.0040	1	mg/Kg-dry	0.017	
DPTS-119	HS16051317-20	Benzaldehyde	0		0.0015	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Benzo(a)pyrene	0.018		0.0012	0.0040	1	mg/Kg-dry	0.018	
DPTS-119	HS16051317-20	Benzo(b)fluoranthene	0.023		0.0015	0.0040	1	mg/Kg-dry	0.023	
DPTS-119	HS16051317-20	Benzo(g,h,i)perylene	0.014		0.00085	0.0040	1	mg/Kg-dry	0.014	
DPTS-119	HS16051317-20	Benzo(k)fluoranthene	0.014		0.0011	0.0040	1	mg/Kg-dry	0.014	
DPTS-119	HS16051317-20	Bis(2-chloroethoxy)methane	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Bis(2-chloroethyl)ether	0		0.0013	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Bis(2-chloroisopropyl)ether	0		0.0017	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Bis(2-ethylhexyl)phthalate	0.15		0.0021	0.0080	1	mg/Kg-dry	0.15	
DPTS-119	HS16051317-20	Butyl benzyl phthalate	0		0.0016	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Caprolactam	0.0029	J	0.0015	0.0080	1	mg/Kg-dry	0.0029	J
DPTS-119	HS16051317-20	Carbazole	0.0021	J	0.0015	0.0080	1	mg/Kg-dry	0.0021	J
DPTS-119	HS16051317-20	Chrysene	0.024		0.00097	0.0040	1	mg/Kg-dry	0.024	
DPTS-119	HS16051317-20	Dibenz(a,h)anthracene	0.0030	J	0.0019	0.0040	1	mg/Kg-dry	0.003	J
DPTS-119	HS16051317-20	Dibenzofuran	0		0.00085	0.0040	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Diethyl phthalate	0		0.0012	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Dimethyl phthalate	0		0.00097	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Di-n-butyl phthalate	0		0.0015	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Di-n-octyl phthalate	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Fluoranthene	0.036		0.0013	0.0040	1	mg/Kg-dry	0.036	
DPTS-119	HS16051317-20	Fluorene	0		0.0013	0.0040	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Hexachlorobenzene	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Hexachlorobutadiene	0		0.0015	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Hexachlorocyclopentadiene	0		0.00097	0.0080	1	mg/Kg-dry	0.008	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-119	HS16051317-20	Hexachloroethane	0		0.0018	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Indeno(1,2,3-cd)pyrene	0.016		0.00097	0.0040	1	mg/Kg-dry	0.016	
DPTS-119	HS16051317-20	Isophorone	0		0.00097	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Naphthalene	0		0.00073	0.0040	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Nitrobenzene	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	N-Nitrosodi-n-propylamine	0		0.0013	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	N-Nitrosodiphenylamine	0		0.00085	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Pentachlorophenol	0		0.0040	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Phenanthrene	0.013		0.0018	0.0040	1	mg/Kg-dry	0.013	
DPTS-119	HS16051317-20	Phenol	0		0.0013	0.0080	1	mg/Kg-dry	0.008	U
DPTS-119	HS16051317-20	Pyrene	0.033		0.00073	0.0040	1	mg/Kg-dry	0.033	
DPTS-120	HS16051317-21	Percent Moisture	13.9		0.0100	0.0100	1	wt%	13.9	
DPTS-120	HS16051317-21	1,1'-Biphenyl	0		0.0039	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2,4,5-Trichlorophenol	0		0.0058	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2,4,6-Trichlorophenol	0		0.0039	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2,4-Dichlorophenol	0		0.0030	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2,4-Dimethylphenol	0		0.0076	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2,4-Dinitrophenol	0		0.010	0.030	1	mg/Kg-dry	0.03	U
DPTS-120	HS16051317-21	2,4-Dinitrotoluene	0		0.0021	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2,6-Dinitrotoluene	0		0.0076	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2-Chloronaphthalene	0		0.0030	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2-Chlorophenol	0		0.0030	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2-Methylnaphthalene	0		0.0012	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	2-Methylphenol	0		0.0025	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2-Nitroaniline	0		0.0044	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	2-Nitrophenol	0		0.0058	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	3&4-Methylphenol	0		0.0023	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	3,3'-Dichlorobenzidine	0		0.0058	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	3-Nitroaniline	0		0.0044	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	4,6-Dinitro-2-methylphenol	0		0.0049	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	4-Bromophenyl phenyl ether	0		0.0037	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	4-Chloro-3-methylphenol	0		0.0016	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	4-Chloroaniline	0		0.0025	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	4-Chlorophenyl phenyl ether	0		0.0035	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	4-Nitroaniline	0		0.0051	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	4-Nitrophenol	0		0.0044	0.030	1	mg/Kg-dry	0.03	U
DPTS-120	HS16051317-21	Acenaphthene	0		0.0012	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Acenaphthylene	0		0.0023	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Acetophenone	0		0.0018	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Anthracene	0		0.0012	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Atrazine	0		0.0046	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Benz(a)anthracene	0.0045	J	0.0037	0.0076	1	mg/Kg-dry	0.0045	J
DPTS-120	HS16051317-21	Benzaldehyde	0		0.0028	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Benzo(a)pyrene	0		0.0023	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Benzo(b)fluoranthene	0		0.0028	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Benzo(g,h,i)perylene	0		0.0016	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Benzo(k)fluoranthene	0		0.0021	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Bis(2-chloroethoxy)methane	0		0.0021	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Bis(2-chloroethyl)ether	0		0.0025	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Bis(2-chloroisopropyl)ether	0		0.0032	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Bis(2-ethylhexyl)phthalate	0		0.0039	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Butyl benzyl phthalate	0		0.0030	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Caprolactam	0		0.0028	0.015	1	mg/Kg-dry	0.015	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-120	HS16051317-21	Carbazole	0		0.0028	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Chrysene	0.0045	J	0.0018	0.0076	1	mg/Kg-dry	0.0045	J
DPTS-120	HS16051317-21	Dibenz(a,h)anthracene	0		0.0037	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Dibenzofuran	0		0.0016	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Diethyl phthalate	0		0.0023	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Dimethyl phthalate	0		0.0018	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Di-n-butyl phthalate	0		0.0028	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Di-n-octyl phthalate	0		0.0021	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Fluoranthene	0.0082		0.0025	0.0076	1	mg/Kg-dry	0.0082	
DPTS-120	HS16051317-21	Fluorene	0		0.0025	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Hexachlorobenzene	0		0.0021	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Hexachlorobutadiene	0		0.0028	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Hexachlorocyclopentadiene	0		0.0018	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Hexachloroethane	0		0.0035	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Indeno(1,2,3-cd)pyrene	0		0.0018	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Isophorone	0		0.0018	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Naphthalene	0		0.0014	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-120	HS16051317-21	Nitrobenzene	0		0.0021	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	N-Nitrosodi-n-propylamine	0		0.0025	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	N-Nitrosodiphenylamine	0		0.0016	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Pentachlorophenol	0		0.0076	0.015	1	mg/Kg-dry	0.015	U
DPTS-120	HS16051317-21	Phenanthrene	0.0045	J	0.0035	0.0076	1	mg/Kg-dry	0.0045	J
DPTS-120	HS16051317-21	Phenol	0		0.0025	0.015	1	mg/Kg-dry	0.015	
DPTS-120	HS16051317-21	Pyrene	0.0069	J	0.0014	0.0076	1	mg/Kg-dry	0.0069	J
DPTS-121	HS16051317-22	Percent Moisture	19.9		0.0100	0.0100	1	wt%	19.9	
DPTS-121	HS16051317-22	1,1'-Biphenyl	0		0.0021	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2,4,5-Trichlorophenol	0		0.0031	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2,4,6-Trichlorophenol	0		0.0021	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2,4-Dichlorophenol	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2,4-Dimethylphenol	0		0.0041	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2,4-Dinitrophenol	0		0.0056	0.016	1	mg/Kg-dry	0.016	U
DPTS-121	HS16051317-22	2,4-Dinitrotoluene	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2,6-Dinitrotoluene	0		0.0041	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2-Chloronaphthalene	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2-Chlorophenol	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2-Methylnaphthalene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	2-Methylphenol	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2-Nitroaniline	0		0.0024	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	2-Nitrophenol	0		0.0031	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	3&4-Methylphenol	0		0.0012	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	3,3'-Dichlorobenzidine	0		0.0031	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	3-Nitroaniline	0		0.0024	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	4,6-Dinitro-2-methylphenol	0		0.0026	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	4-Bromophenyl phenyl ether	0		0.0020	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	4-Chloro-3-methylphenol	0		0.00087	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	4-Chloroaniline	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	4-Chlorophenyl phenyl ether	0		0.0019	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	4-Nitroaniline	0		0.0027	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	4-Nitrophenol	0		0.0024	0.016	1	mg/Kg-dry	0.016	U
DPTS-121	HS16051317-22	Acenaphthene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Acenaphthylene	0		0.0012	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Acetophenone	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Anthracene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-121	HS16051317-22	Atrazine	0		0.0025	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Benz(a)anthracene	0		0.0020	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Benzaldehyde	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Benzo(a)pyrene	0		0.0012	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Benzo(b)fluoranthene	0		0.0015	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Benzo(g,h,i)perylene	0		0.00087	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Benzo(k)fluoranthene	0		0.0011	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Bis(2-chloroethoxy)methane	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Bis(2-chloroethyl)ether	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Bis(2-chloroisopropyl)ether	0		0.0017	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Bis(2-ethylhexyl)phthalate	0		0.0021	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Butyl benzyl phthalate	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Caprolactam	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Carbazole	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Chrysene	0		0.0010	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Dibenz(a,h)anthracene	0		0.0020	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Dibenzofuran	0		0.00087	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Diethyl phthalate	0		0.0012	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Dimethyl phthalate	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Di-n-butyl phthalate	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Di-n-octyl phthalate	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Fluoranthene	0		0.0014	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Fluorene	0		0.0014	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Hexachlorobenzene	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Hexachlorobutadiene	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Hexachlorocyclopentadiene	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Hexachloroethane	0		0.0019	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Indeno(1,2,3-cd)pyrene	0		0.0010	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Isophorone	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Naphthalene	0		0.00075	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Nitrobenzene	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	N-Nitrosodi-n-propylamine	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	N-Nitrosodiphenylamine	0		0.00087	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Pentachlorophenol	0		0.0041	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Phenanthrene	0		0.0019	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-121	HS16051317-22	Phenol	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-121	HS16051317-22	Pyrene	0		0.00075	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Percent Moisture	20.2		0.0100	0.0100	1	wt%	20.2	
DPTS-122	HS16051317-23	1,1'-Biphenyl	0		0.0021	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2,4,5-Trichlorophenol	0		0.0031	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2,4,6-Trichlorophenol	0		0.0021	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2,4-Dichlorophenol	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2,4-Dimethylphenol	0		0.0041	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2,4-Dinitrophenol	0		0.0056	0.016	1	mg/Kg-dry	0.016	U
DPTS-122	HS16051317-23	2,4-Dinitrotoluene	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2,6-Dinitrotoluene	0		0.0041	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2-Chloronaphthalene	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2-Chlorophenol	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2-Methylnaphthalene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	2-Methylphenol	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2-Nitroaniline	0		0.0024	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	2-Nitrophenol	0		0.0031	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	3&4-Methylphenol	0		0.0012	0.0082	1	mg/Kg-dry	0.0082	U



Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Reult	Vall Qualifier
DPTS-122	HS16051317-23	3,3'-Dichlorobenzidine	0		0.0031	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	3-Nitroaniline	0		0.0024	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	4,6-Dinitro-2-methylphenol	0		0.0026	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	4-Bromophenyl phenyl ether	0		0.0020	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	4-Chloro-3-methylphenol	0		0.00087	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	4-Chloroaniline	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	4-Chlorophenyl phenyl ether	0		0.0019	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	4-Nitroaniline	0		0.0027	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	4-Nitrophenol	0		0.0024	0.016	1	mg/Kg-dry	0.016	U
DPTS-122	HS16051317-23	Acenaphthene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Acenaphthylene	0		0.0012	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Acetophenone	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Anthracene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Atrazine	0		0.0025	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Benz(a)anthracene	0		0.0020	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Benzaldehyde	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Benzo(a)pyrene	0		0.0012	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Benzo(b)fluoranthene	0		0.0015	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Benzo(g,h,i)perylene	0		0.00087	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Benzo(k)fluoranthene	0		0.0011	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Bis(2-chloroethoxy)methane	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Bis(2-chloroethyl)ether	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Bis(2-chloroisopropyl)ether	0		0.0017	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Bis(2-ethylhexyl)phthalate	0.0085		0.0021	0.0082	1	mg/Kg-dry	0.0085	
DPTS-122	HS16051317-23	Butyl benzyl phthalate	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Caprolactam	0.010		0.0015	0.0082	1	mg/Kg-dry	0.01	
DPTS-122	HS16051317-23	Carbazole	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Chrysene	0		0.0010	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Dibenz(a,h)anthracene	0		0.0020	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Dibenzofuran	0		0.00087	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Diethyl phthalate	0		0.0012	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Dimethyl phthalate	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Di-n-butyl phthalate	0.011		0.0015	0.0082	1	mg/Kg-dry	0.011	
DPTS-122	HS16051317-23	Di-n-octyl phthalate	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Fluoranthene	0		0.0014	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Fluorene	0		0.0014	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Hexachlorobenzene	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Hexachlorobutadiene	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Hexachlorocyclopentadiene	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Hexachloroethane	0		0.0019	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Indeno(1,2,3-cd)pyrene	0		0.0010	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Isophorone	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Naphthalene	0		0.00075	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Nitrobenzene	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	N-Nitrosodi-n-propylamine	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	N-Nitrosodiphenylamine	0		0.00087	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Pentachlorophenol	0		0.0041	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Phenanthrene	0		0.0019	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-122	HS16051317-23	Phenol	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-122	HS16051317-23	Pyrene	0		0.00075	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-123	HS16051317-24	Percent Moisture	11.5		0.0100	0.0100	1	wt%	11.5	
DPTS-123	HS16051317-24	1,1'-Biphenyl	0		0.0019	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2,4,5-Trichlorophenol	0		0.0028	0.0074	1	mg/Kg-dry	0.0074	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-123	HS16051317-24	2,4,6-Trichlorophenol	0		0.0019	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2,4-Dichlorophenol	0		0.0015	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2,4-Dimethylphenol	0		0.0037	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2,4-Dinitrophenol	0		0.0051	0.015	1	mg/Kg-dry	0.015	U
DPTS-123	HS16051317-24	2,4-Dinitrotoluene	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2,6-Dinitrotoluene	0		0.0037	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2-Chloronaphthalene	0		0.0015	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2-Chlorophenol	0		0.0015	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2-Methylnaphthalene	0		0.00056	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	2-Methylphenol	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2-Nitroaniline	0		0.0021	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	2-Nitrophenol	0		0.0028	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	3&4-Methylphenol	0		0.0011	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	3,3'-Dichlorobenzidine	0		0.0028	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	3-Nitroaniline	0		0.0021	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	4,6-Dinitro-2-methylphenol	0		0.0024	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	4-Bromophenyl phenyl ether	0		0.0018	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	4-Chloro-3-methylphenol	0		0.00079	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	4-Chloroaniline	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	4-Chlorophenyl phenyl ether	0		0.0017	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	4-Nitroaniline	0		0.0025	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	4-Nitrophenol	0		0.0021	0.015	1	mg/Kg-dry	0.015	U
DPTS-123	HS16051317-24	Acenaphthene	0		0.00056	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Acenaphthylene	0		0.0011	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Acetophenone	0		0.00090	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Anthracene	0		0.00056	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Atrazine	0		0.0023	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Benz(a)anthracene	0		0.0018	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Benzaldehyde	0		0.0014	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Benzo(a)pyrene	0		0.0011	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Benzo(b)fluoranthene	0		0.0014	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Benzo(g,h,i)perylene	0		0.00079	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Benzo(k)fluoranthene	0		0.0010	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Bis(2-chloroethoxy)methane	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Bis(2-chloroethyl)ether	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Bis(2-chloroisopropyl)ether	0		0.0016	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Bis(2-ethylhexyl)phthalate	0.0056	J	0.0019	0.0074	1	mg/Kg-dry	0.0056	J
DPTS-123	HS16051317-24	Butyl benzyl phthalate	0		0.0015	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Caprolactam	0.0041	J	0.0014	0.0074	1	mg/Kg-dry	0.0041	J
DPTS-123	HS16051317-24	Carbazole	0		0.0014	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Chrysene	0		0.00090	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Dibenz(a,h)anthracene	0		0.0018	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Dibenzofuran	0		0.00079	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Diethyl phthalate	0		0.0011	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Dimethyl phthalate	0		0.00090	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Di-n-butyl phthalate	0.0058	J	0.0014	0.0074	1	mg/Kg-dry	0.0058	J
DPTS-123	HS16051317-24	Di-n-octyl phthalate	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Fluoranthene	0		0.0012	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Fluorene	0		0.0012	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Hexachlorobenzene	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Hexachlorobutadiene	0		0.0014	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Hexachlorocyclopentadiene	0		0.00090	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Hexachloroethane	0		0.0017	0.0074	1	mg/Kg-dry	0.0074	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Reult	Vall Qualifier
DPTS-123	HS16051317-24	Indeno(1,2,3-cd)pyrene	0		0.00090	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Isophorone	0		0.00090	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Naphthalene	0		0.00068	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Nitrobenzene	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	N-Nitrosodi-n-propylamine	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	N-Nitrosodiphenylamine	0		0.00079	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Pentachlorophenol	0		0.0037	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Phenanthrene	0		0.0017	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-123	HS16051317-24	Phenol	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-123	HS16051317-24	Pyrene	0		0.00068	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-124	HS16051317-25	Percent Moisture	20.3		0.0100	0.0100	1	wt%	20.3	
DPTS-124	HS16051317-25	1,1'-Biphenyl	0		0.0021	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2,4,5-Trichlorophenol	0		0.0031	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2,4,6-Trichlorophenol	0		0.0021	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2,4-Dichlorophenol	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2,4-Dimethylphenol	0		0.0041	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2,4-Dinitrophenol	0		0.0056	0.016	1	mg/Kg-dry	0.016	U
DPTS-124	HS16051317-25	2,4-Dinitrotoluene	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2,6-Dinitrotoluene	0		0.0041	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2-Chloronaphthalene	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2-Chlorophenol	0		0.0016	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2-Methylnaphthalene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-124	HS16051317-25	2-Methylphenol	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2-Nitroaniline	0		0.0024	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	2-Nitrophenol	0		0.0031	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	3&4-Methylphenol	0		0.0012	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	3,3'-Dichlorobenzidine	0		0.0031	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	3-Nitroaniline	0		0.0024	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	4,6-Dinitro-2-methylphenol	0		0.0026	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	4-Bromophenyl phenyl ether	0		0.0020	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	4-Chloro-3-methylphenol	0		0.00087	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	4-Chloroaniline	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	4-Chlorophenyl phenyl ether	0		0.0019	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	4-Nitroaniline	0		0.0027	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	4-Nitrophenol	0		0.0024	0.016	1	mg/Kg-dry	0.016	U
DPTS-124	HS16051317-25	Acenaphthene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-124	HS16051317-25	Acenaphthylene	0		0.0012	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-124	HS16051317-25	Acetophenone	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Anthracene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-124	HS16051317-25	Atrazine	0		0.0025	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Benz(a)anthracene	0.0040	J	0.0020	0.0041	1	mg/Kg-dry	0.004	J
DPTS-124	HS16051317-25	Benzaldehyde	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Benzo(a)pyrene	0.0085		0.0012	0.0041	1	mg/Kg-dry	0.0085	
DPTS-124	HS16051317-25	Benzo(b)fluoranthene	0.013		0.0015	0.0041	1	mg/Kg-dry	0.013	
DPTS-124	HS16051317-25	Benzo(g,h,i)perylene	0.037		0.00087	0.0041	1	mg/Kg-dry	0.037	
DPTS-124	HS16051317-25	Benzo(k)fluoranthene	0.0070		0.0011	0.0041	1	mg/Kg-dry	0.007	
DPTS-124	HS16051317-25	Bis(2-chloroethoxy)methane	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Bis(2-chloroethyl)ether	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Bis(2-chloroisopropyl)ether	0		0.0017	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Bis(2-ethylhexyl)phthalate	0.0057	J	0.0021	0.0082	1	mg/Kg-dry	0.0057	J
DPTS-124	HS16051317-25	Butyl benzyl phthalate	0.0030	J	0.0016	0.0082	1	mg/Kg-dry	0.003	J
DPTS-124	HS16051317-25	Caprolactam	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Carbazole	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-124	HS16051317-25	Chrysene	0.011		0.0010	0.0041	1	mg/Kg-dry	0.011	
DPTS-124	HS16051317-25	Dibenz(a,h)anthracene	0.0038	J	0.0020	0.0041	1	mg/Kg-dry	0.0038	J
DPTS-124	HS16051317-25	Dibenzofuran	0		0.00087	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-124	HS16051317-25	Diethyl phthalate	0		0.0012	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Dimethyl phthalate	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Di-n-butyl phthalate	0.0068	J	0.0015	0.0082	1	mg/Kg-dry	0.0068	J
DPTS-124	HS16051317-25	Di-n-octyl phthalate	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Fluoranthene	0.0052		0.0014	0.0041	1	mg/Kg-dry	0.0052	
DPTS-124	HS16051317-25	Fluorene	0		0.0014	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-124	HS16051317-25	Hexachlorobenzene	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Hexachlorobutadiene	0		0.0015	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Hexachlorocyclopentadiene	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Hexachloroethane	0		0.0019	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Indeno(1,2,3-cd)pyrene	0.011		0.0010	0.0041	1	mg/Kg-dry	0.011	
DPTS-124	HS16051317-25	Isophorone	0		0.0010	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Naphthalene	0		0.00075	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-124	HS16051317-25	Nitrobenzene	0		0.0011	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	N-Nitrosodi-n-propylamine	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	N-Nitrosodiphenylamine	0		0.00087	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Pentachlorophenol	0		0.0041	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Phenanthrene	0		0.0019	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-124	HS16051317-25	Phenol	0		0.0014	0.0082	1	mg/Kg-dry	0.0082	U
DPTS-124	HS16051317-25	Pyrene	0.0050		0.00075	0.0041	1	mg/Kg-dry	0.005	
DPTS-125	HS16051317-26	Percent Moisture	20.6		0.0100	0.0100	1	wt%	20.6	
DPTS-125	HS16051317-26	1,1'-Biphenyl	0		0.0021	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2,4,5-Trichlorophenol	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2,4,6-Trichlorophenol	0		0.0021	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2,4-Dichlorophenol	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2,4-Dimethylphenol	0		0.0041	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2,4-Dinitrophenol	0		0.0056	0.017	1	mg/Kg-dry	0.017	U
DPTS-125	HS16051317-26	2,4-Dinitrotoluene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2,6-Dinitrotoluene	0		0.0041	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2-Chloronaphthalene	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2-Chlorophenol	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2-Methylnaphthalene	0		0.00063	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-125	HS16051317-26	2-Methylphenol	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2-Nitroaniline	0		0.0024	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	2-Nitrophenol	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	3&4-Methylphenol	0		0.0013	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	3,3'-Dichlorobenzidine	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	3-Nitroaniline	0		0.0024	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	4,6-Dinitro-2-methylphenol	0		0.0026	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	4-Bromophenyl phenyl ether	0		0.0020	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	4-Chloro-3-methylphenol	0		0.00088	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	4-Chloroaniline	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	4-Chlorophenyl phenyl ether	0		0.0019	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	4-Nitroaniline	0		0.0028	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	4-Nitrophenol	0		0.0024	0.017	1	mg/Kg-dry	0.017	U
DPTS-125	HS16051317-26	Acenaphthene	0		0.00063	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-125	HS16051317-26	Acenaphthylene	0		0.0013	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-125	HS16051317-26	Acetophenone	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Anthracene	0.0021	J	0.00063	0.0041	1	mg/Kg-dry	0.0021	J
DPTS-125	HS16051317-26	Atrazine	0		0.0025	0.0083	1	mg/Kg-dry	0.0083	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-125	HS16051317-26	Benz(a)anthracene	0.0067		0.0020	0.0041	1	mg/Kg-dry	0.0067	
DPTS-125	HS16051317-26	Benzaldehyde	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Benzo(a)pyrene	0.0069		0.0013	0.0041	1	mg/Kg-dry	0.0069	
DPTS-125	HS16051317-26	Benzo(b)fluoranthene	0.0085		0.0015	0.0041	1	mg/Kg-dry	0.0085	
DPTS-125	HS16051317-26	Benzo(g,h,i)perylene	0.0086		0.00088	0.0041	1	mg/Kg-dry	0.0086	
DPTS-125	HS16051317-26	Benzo(k)fluoranthene	0.0038	J	0.0011	0.0041	1	mg/Kg-dry	0.0038	J
DPTS-125	HS16051317-26	Bis(2-chloroethoxy)methane	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Bis(2-chloroethyl)ether	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Bis(2-chloroisopropyl)ether	0		0.0018	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Bis(2-ethylhexyl)phthalate	0.010		0.0021	0.0083	1	mg/Kg-dry	0.01	
DPTS-125	HS16051317-26	Butyl benzyl phthalate	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Caprolactam	0.012		0.0015	0.0083	1	mg/Kg-dry	0.012	
DPTS-125	HS16051317-26	Carbazole	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Chrysene	0.0082		0.0010	0.0041	1	mg/Kg-dry	0.0082	
DPTS-125	HS16051317-26	Dibenz(a,h)anthracene	0		0.0020	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-125	HS16051317-26	Dibenzofuran	0		0.00088	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-125	HS16051317-26	Diethyl phthalate	0.0021	J	0.0013	0.0083	1	mg/Kg-dry	0.0021	J
DPTS-125	HS16051317-26	Dimethyl phthalate	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Di-n-butyl phthalate	0.012		0.0015	0.0083	1	mg/Kg-dry	0.012	
DPTS-125	HS16051317-26	Di-n-octyl phthalate	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Fluoranthene	0.014		0.0014	0.0041	1	mg/Kg-dry	0.014	
DPTS-125	HS16051317-26	Fluorene	0		0.0014	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-125	HS16051317-26	Hexachlorobenzene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Hexachlorobutadiene	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Hexachlorocyclopentadiene	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Hexachloroethane	0		0.0019	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Indeno(1,2,3-cd)pyrene	0.0070		0.0010	0.0041	1	mg/Kg-dry	0.007	
DPTS-125	HS16051317-26	Isophorone	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Naphthalene	0		0.00075	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-125	HS16051317-26	Nitrobenzene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	N-Nitrosodi-n-propylamine	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	N-Nitrosodiphenylamine	0		0.00088	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Pentachlorophenol	0		0.0041	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Phenanthrene	0.0084		0.0019	0.0041	1	mg/Kg-dry	0.0084	
DPTS-125	HS16051317-26	Phenol	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-125	HS16051317-26	Pyrene	0.014		0.00075	0.0041	1	mg/Kg-dry	0.014	
DPTS-126	HS16051317-27	Percent Moisture	13.2		0.0100	0.0100	1	wt%	13.2	
DPTS-126	HS16051317-27	1,1'-Biphenyl	0		0.0020	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2,4,5-Trichlorophenol	0		0.0029	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2,4,6-Trichlorophenol	0		0.0020	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2,4-Dichlorophenol	0		0.0015	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2,4-Dimethylphenol	0		0.0038	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2,4-Dinitrophenol	0		0.0052	0.015	1	mg/Kg-dry	0.015	U
DPTS-126	HS16051317-27	2,4-Dinitrotoluene	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2,6-Dinitrotoluene	0		0.0038	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2-Chloronaphthalene	0		0.0015	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2-Chlorophenol	0		0.0015	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2-Methylnaphthalene	0		0.00057	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	2-Methylphenol	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2-Nitroaniline	0		0.0022	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	2-Nitrophenol	0		0.0029	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	3&4-Methylphenol	0		0.0011	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	3,3'-Dichlorobenzidine	0		0.0029	0.0076	1	mg/Kg-dry	0.0076	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-126	HS16051317-27	3-Nitroaniline	0		0.0022	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	4,6-Dinitro-2-methylphenol	0		0.0024	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	4-Bromophenyl phenyl ether	0		0.0018	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	4-Chloro-3-methylphenol	0		0.00080	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	4-Chloroaniline	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	4-Chlorophenyl phenyl ether	0		0.0017	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	4-Nitroaniline	0		0.0025	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	4-Nitrophenol	0		0.0022	0.015	1	mg/Kg-dry	0.015	U
DPTS-126	HS16051317-27	Acenaphthene	0		0.00057	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Acenaphthylene	0		0.0011	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Acetophenone	0		0.00092	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Anthracene	0		0.00057	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Atrazine	0		0.0023	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Benz(a)anthracene	0		0.0018	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Benzaldehyde	0		0.0014	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Benzo(a)pyrene	0		0.0011	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Benzo(b)fluoranthene	0.0084		0.0014	0.0038	1	mg/Kg-dry	0.0084	
DPTS-126	HS16051317-27	Benzo(g,h,i)perylene	0.0027	J	0.00080	0.0038	1	mg/Kg-dry	0.0027	J
DPTS-126	HS16051317-27	Benzo(k)fluoranthene	0.0027	J	0.0010	0.0038	1	mg/Kg-dry	0.0027	J
DPTS-126	HS16051317-27	Bis(2-chloroethoxy)methane	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Bis(2-chloroethyl)ether	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Bis(2-chloroisopropyl)ether	0		0.0016	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Bis(2-ethylhexyl)phthalate	0.011		0.0020	0.0076	1	mg/Kg-dry	0.011	
DPTS-126	HS16051317-27	Butyl benzyl phthalate	0.0070	J	0.0015	0.0076	1	mg/Kg-dry	0.007	J
DPTS-126	HS16051317-27	Caprolactam	0.011		0.0014	0.0076	1	mg/Kg-dry	0.011	
DPTS-126	HS16051317-27	Carbazole	0		0.0014	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Chrysene	0.0077		0.00092	0.0038	1	mg/Kg-dry	0.0077	
DPTS-126	HS16051317-27	Dibenz(a,h)anthracene	0		0.0018	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Dibenzofuran	0		0.00080	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Diethyl phthalate	0.0023	J	0.0011	0.0076	1	mg/Kg-dry	0.0023	J
DPTS-126	HS16051317-27	Dimethyl phthalate	0		0.00092	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Di-n-butyl phthalate	0.011		0.0014	0.0076	1	mg/Kg-dry	0.011	
DPTS-126	HS16051317-27	Di-n-octyl phthalate	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Fluoranthene	0.0039		0.0013	0.0038	1	mg/Kg-dry	0.0039	
DPTS-126	HS16051317-27	Fluorene	0		0.0013	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Hexachlorobenzene	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Hexachlorobutadiene	0		0.0014	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Hexachlorocyclopentadiene	0		0.00092	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Hexachloroethane	0		0.0017	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Indeno(1,2,3-cd)pyrene	0.0026	J	0.00092	0.0038	1	mg/Kg-dry	0.0026	J
DPTS-126	HS16051317-27	Isophorone	0		0.00092	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Naphthalene	0		0.00069	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Nitrobenzene	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	N-Nitrosodi-n-propylamine	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	N-Nitrosodiphenylamine	0		0.00080	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Pentachlorophenol	0		0.0038	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Phenanthrene	0		0.0017	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-126	HS16051317-27	Phenol	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-126	HS16051317-27	Pyrene	0.0035	J	0.00069	0.0038	1	mg/Kg-dry	0.0035	J
DPTS-127	HS16051317-28	Percent Moisture	18.6		0.0100	0.0100	1	wt%	18.6	
DPTS-127	HS16051317-28	1,1,1-Trichloroethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,1,2,2-Tetrachloroethane	0		0.00076	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-127	HS16051317-28	1,1,2-Trichloroethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,1-Dichloroethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,1-Dichloroethene	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,2,4-Trichlorobenzene	0		0.0010	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,2-Dibromo-3-chloropropane	0		0.0015	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,2-Dibromoethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,2-Dichlorobenzene	0		0.00095	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,2-Dichloroethane	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,2-Dichloropropane	0		0.00076	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,3-Dichlorobenzene	0		0.0010	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	1,4-Dichlorobenzene	0		0.00095	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	2-Butanone	0		0.0012	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-127	HS16051317-28	2-Hexanone	0		0.0013	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-127	HS16051317-28	4-Methyl-2-pentanone	0		0.0019	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-127	HS16051317-28	Acetone	0.081		0.0029	0.019	1	mg/Kg-dry	0.081	J
DPTS-127	HS16051317-28	Benzene	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Bromodichloromethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Bromoform	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Bromomethane	0		0.00095	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-127	HS16051317-28	Carbon disulfide	0		0.00057	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-127	HS16051317-28	Carbon tetrachloride	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Chlorobenzene	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Chloroethane	0		0.00076	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-127	HS16051317-28	Chloroform	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Chloromethane	0		0.00047	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-127	HS16051317-28	cis-1,2-Dichloroethene	0		0.00076	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	cis-1,3-Dichloropropene	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Cyclohexane	0		0.00095	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Dibromochloromethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Dichlorodifluoromethane	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Ethylbenzene	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Isopropylbenzene	0		0.00085	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	m,p-Xylene	0		0.0015	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-127	HS16051317-28	Methyl acetate	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Methyl tert-butyl ether	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Methylcyclohexane	0		0.0011	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Methylene chloride	0		0.00095	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-127	HS16051317-28	o-Xylene	0		0.00095	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Styrene	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Tetrachloroethene	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Toluene	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	trans-1,2-Dichloroethene	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	trans-1,3-Dichloropropene	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Trichloroethene	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Trichlorofluoromethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-127	HS16051317-28	Vinyl chloride	0		0.00076	0.0019	1	mg/Kg-dry	0.0019	UJ
DPTS-127	HS16051317-28	Xylenes, Total	0		0.0023	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-128	HS16051317-29	Percent Moisture	16.5		0.0100	0.0100	1	wt%	16.5	
DPTS-128	HS16051317-29	1,1'-Biphenyl	0		0.0020	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2,4,5-Trichlorophenol	0		0.0030	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2,4,6-Trichlorophenol	0		0.0020	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2,4-Dichlorophenol	0		0.0015	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2,4-Dimethylphenol	0		0.0039	0.0079	1	mg/Kg-dry	0.0079	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Reult	Vall Qualifier
DPTS-128	HS16051317-29	2,4-Dinitrophenol	0		0.0054	0.016	1	mg/Kg-dry	0.016	U
DPTS-128	HS16051317-29	2,4-Dinitrotoluene	0		0.0011	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2,6-Dinitrotoluene	0		0.0039	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2-Chloronaphthalene	0		0.0015	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2-Chlorophenol	0		0.0015	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2-Methylnaphthalene	0		0.00060	0.0039	1	mg/Kg-dry	0.0039	U
DPTS-128	HS16051317-29	2-Methylphenol	0		0.0013	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2-Nitroaniline	0		0.0023	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	2-Nitrophenol	0		0.0030	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	3&4-Methylphenol	0		0.0012	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	3,3'-Dichlorobenzidine	0		0.0030	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	3-Nitroaniline	0		0.0023	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	4,6-Dinitro-2-methylphenol	0		0.0025	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	4-Bromophenyl phenyl ether	0		0.0019	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	4-Chloro-3-methylphenol	0		0.00083	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	4-Chloroaniline	0		0.0013	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	4-Chlorophenyl phenyl ether	0		0.0018	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	4-Nitroaniline	0		0.0026	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	4-Nitrophenol	0		0.0023	0.016	1	mg/Kg-dry	0.016	U
DPTS-128	HS16051317-29	Acenaphthene	0.013		0.00060	0.0039	1	mg/Kg-dry	0.013	
DPTS-128	HS16051317-29	Acenaphthylene	0.0030	J	0.0012	0.0039	1	mg/Kg-dry	0.003	J
DPTS-128	HS16051317-29	Acetophenone	0		0.00095	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Anthracene	0.048		0.00060	0.0039	1	mg/Kg-dry	0.048	
DPTS-128	HS16051317-29	Atrazine	0		0.0024	0.0079	1	mg/Kg-dry	0.0079	
DPTS-128	HS16051317-29	Benz(a)anthracene	0.21		0.0019	0.0039	1	mg/Kg-dry	0.21	
DPTS-128	HS16051317-29	Benzaldehyde	0.013		0.0014	0.0079	1	mg/Kg-dry	0.013	
DPTS-128	HS16051317-29	Benzo(a)pyrene	0.22		0.0012	0.0039	1	mg/Kg-dry	0.22	
DPTS-128	HS16051317-29	Benzo(b)fluoranthene	0.34		0.0014	0.0039	1	mg/Kg-dry	0.34	
DPTS-128	HS16051317-29	Benzo(g,h,i)perylene	0.16		0.00083	0.0039	1	mg/Kg-dry	0.16	
DPTS-128	HS16051317-29	Benzo(k)fluoranthene	0.12		0.0011	0.0039	1	mg/Kg-dry	0.12	
DPTS-128	HS16051317-29	Bis(2-chloroethoxy)methane	0		0.0011	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Bis(2-chloroethyl)ether	0		0.0013	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Bis(2-chloroisopropyl)ether	0		0.0017	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Bis(2-ethylhexyl)phthalate	0.020		0.0020	0.0079	1	mg/Kg-dry	0.02	
DPTS-128	HS16051317-29	Butyl benzyl phthalate	0.0063	J	0.0015	0.0079	1	mg/Kg-dry	0.0063	J
DPTS-128	HS16051317-29	Caprolactam	0.021		0.0014	0.0079	1	mg/Kg-dry	0.021	
DPTS-128	HS16051317-29	Carbazole	0.038		0.0014	0.0079	1	mg/Kg-dry	0.038	
DPTS-128	HS16051317-29	Chrysene	0.26		0.00095	0.0039	1	mg/Kg-dry	0.26	
DPTS-128	HS16051317-29	Dibenz(a,h)anthracene	0.036		0.0019	0.0039	1	mg/Kg-dry	0.036	
DPTS-128	HS16051317-29	Dibenzofuran	0.0054		0.00083	0.0039	1	mg/Kg-dry	0.0054	
DPTS-128	HS16051317-29	Diethyl phthalate	0.0022	J	0.0012	0.0079	1	mg/Kg-dry	0.0022	J
DPTS-128	HS16051317-29	Dimethyl phthalate	0		0.00095	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Di-n-butyl phthalate	0.013		0.0014	0.0079	1	mg/Kg-dry	0.013	
DPTS-128	HS16051317-29	Di-n-octyl phthalate	0		0.0011	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Fluoranthene	0.53		0.0052	0.016	4	mg/Kg-dry	0.53	
DPTS-128	HS16051317-29	Fluorene	0.013		0.0013	0.0039	1	mg/Kg-dry	0.013	
DPTS-128	HS16051317-29	Hexachlorobenzene	0		0.0011	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Hexachlorobutadiene	0		0.0014	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Hexachlorocyclopentadiene	0		0.00095	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Hexachloroethane	0		0.0018	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Indeno(1,2,3-cd)pyrene	0.21		0.00095	0.0039	1	mg/Kg-dry	0.21	
DPTS-128	HS16051317-29	Isophorone	0		0.00095	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Naphthalene	0		0.00072	0.0039	1	mg/Kg-dry	0.0039	U



Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-128	HS16051317-29	Nitrobenzene	0		0.0011	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	N-Nitrosodi-n-propylamine	0		0.0013	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	N-Nitrosodiphenylamine	0		0.00083	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Pentachlorophenol	0		0.0039	0.0079	1	mg/Kg-dry	0.0079	U
DPTS-128	HS16051317-29	Phenanthrene	0.24		0.0018	0.0039	1	mg/Kg-dry	0.24	
DPTS-128	HS16051317-29	Phenol	0.0022	J	0.0013	0.0079	1	mg/Kg-dry	0.0022	J
DPTS-128	HS16051317-29	Pyrene	0.42		0.0029	0.016	4	mg/Kg-dry	0.42	
DPTS-129	HS16051317-30	Percent Moisture	20.6		0.0100	0.0100	1	wt%	20.6	
DPTS-129	HS16051317-30	1,1,1-Trichloroethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,1,2,2-Tetrachloroethane	0		0.00077	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00067	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,1,2-Trichloroethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,1-Dichloroethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,1-Dichloroethene	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,2,4-Trichlorobenzene	0		0.0011	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,2-Dibromo-3-chloropropane	0		0.0015	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,2-Dibromoethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,2-Dichlorobenzene	0		0.00096	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,2-Dichloroethane	0		0.00057	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,2-Dichloropropane	0		0.00077	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,3-Dichlorobenzene	0		0.0011	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	1,4-Dichlorobenzene	0		0.00096	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	2-Butanone	0		0.0012	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	2-Hexanone	0		0.0013	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	4-Methyl-2-pentanone	0		0.0019	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	Acetone	0		0.0030	0.019	1	mg/Kg-dry	0.019	UJ
DPTS-129	HS16051317-30	Benzene	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Bromodichloromethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Bromoform	0		0.00057	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Bromomethane	0		0.00096	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	Carbon disulfide	0		0.00057	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	Carbon tetrachloride	0		0.00057	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Chlorobenzene	0		0.00057	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Chloroethane	0		0.00077	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	Chloroform	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Chloromethane	0		0.00048	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	cis-1,2-Dichloroethene	0		0.00077	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	cis-1,3-Dichloropropene	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Cyclohexane	0		0.00096	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Dibromochloromethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Dichlorodifluoromethane	0		0.00067	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Ethylbenzene	0		0.00067	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Isopropylbenzene	0		0.00086	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	m,p-Xylene	0		0.0015	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	Methyl acetate	0		0.00067	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Methyl tert-butyl ether	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Methylcyclohexane	0		0.0011	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Methylene chloride	0		0.00096	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	o-Xylene	0		0.00096	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Styrene	0		0.00067	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Tetrachloroethene	0		0.00067	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Toluene	0		0.00057	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	trans-1,2-Dichloroethene	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-129	HS16051317-30	trans-1,3-Dichloropropene	0		0.00057	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Trichloroethene	0		0.00057	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Trichlorofluoromethane	0		0.00048	0.0048	1	mg/Kg-dry	0.0048	UJ
DPTS-129	HS16051317-30	Vinyl chloride	0		0.00077	0.0019	1	mg/Kg-dry	0.0019	UJ
DPTS-129	HS16051317-30	Xylenes, Total	0		0.0023	0.0096	1	mg/Kg-dry	0.0096	UJ
DPTS-129	HS16051317-30	1,1'-Biphenyl	0		0.0021	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2,4,5-Trichlorophenol	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2,4,6-Trichlorophenol	0		0.0021	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2,4-Dichlorophenol	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2,4-Dimethylphenol	0		0.0041	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2,4-Dinitrophenol	0		0.0056	0.017	1	mg/Kg-dry	0.017	U
DPTS-129	HS16051317-30	2,4-Dinitrotoluene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2,6-Dinitrotoluene	0		0.0041	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2-Chloronaphthalene	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2-Chlorophenol	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2-Methylnaphthalene	0		0.00063	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-129	HS16051317-30	2-Methylphenol	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2-Nitroaniline	0		0.0024	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	2-Nitrophenol	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	3&4-Methylphenol	0		0.0013	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	3,3'-Dichlorobenzidine	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	3-Nitroaniline	0		0.0024	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	4,6-Dinitro-2-methylphenol	0		0.0026	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	4-Bromophenyl phenyl ether	0		0.0020	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	4-Chloro-3-methylphenol	0		0.00088	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	4-Chloroaniline	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	4-Chlorophenyl phenyl ether	0		0.0019	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	4-Nitroaniline	0		0.0028	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	4-Nitrophenol	0		0.0024	0.017	1	mg/Kg-dry	0.017	U
DPTS-129	HS16051317-30	Acenaphthene	0		0.00063	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-129	HS16051317-30	Acenaphthylene	0		0.0013	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-129	HS16051317-30	Acetophenone	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Anthracene	0		0.00063	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-129	HS16051317-30	Atrazine	0		0.0025	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Benz(a)anthracene	0.0033	J	0.0020	0.0041	1	mg/Kg-dry	0.0033	J
DPTS-129	HS16051317-30	Benzaldehyde	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Benzo(a)pyrene	0.0036	J	0.0013	0.0041	1	mg/Kg-dry	0.0036	J
DPTS-129	HS16051317-30	Benzo(b)fluoranthene	0.0063		0.0015	0.0041	1	mg/Kg-dry	0.0063	
DPTS-129	HS16051317-30	Benzo(g,h,i)perylene	0.0047		0.00088	0.0041	1	mg/Kg-dry	0.0047	
DPTS-129	HS16051317-30	Benzo(k)fluoranthene	0.0024	J	0.0011	0.0041	1	mg/Kg-dry	0.0024	J
DPTS-129	HS16051317-30	Bis(2-chloroethoxy)methane	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Bis(2-chloroethyl)ether	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Bis(2-chloroisopropyl)ether	0		0.0018	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Bis(2-ethylhexyl)phthalate	0.011		0.0021	0.0083	1	mg/Kg-dry	0.011	
DPTS-129	HS16051317-30	Butyl benzyl phthalate	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Caprolactam	0.014		0.0015	0.0083	1	mg/Kg-dry	0.014	
DPTS-129	HS16051317-30	Carbazole	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Chrysene	0.0035	J	0.0010	0.0041	1	mg/Kg-dry	0.0035	J
DPTS-129	HS16051317-30	Dibenz(a,h)anthracene	0		0.0020	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-129	HS16051317-30	Dibenzofuran	0		0.00088	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-129	HS16051317-30	Diethyl phthalate	0.0026	J	0.0013	0.0083	1	mg/Kg-dry	0.0026	J
DPTS-129	HS16051317-30	Dimethyl phthalate	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Di-n-butyl phthalate	0.014		0.0015	0.0083	1	mg/Kg-dry	0.014	

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-129	HS16051317-30	Di-n-octyl phthalate	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Fluoranthene	0.0055		0.0014	0.0041	1	mg/Kg-dry	0.0055	
DPTS-129	HS16051317-30	Fluorene	0		0.0014	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-129	HS16051317-30	Hexachlorobenzene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Hexachlorobutadiene	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Hexachlorocyclopentadiene	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Hexachloroethane	0		0.0019	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Indeno(1,2,3-cd)pyrene	0.0043		0.0010	0.0041	1	mg/Kg-dry	0.0043	
DPTS-129	HS16051317-30	Isophorone	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Naphthalene	0		0.00075	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-129	HS16051317-30	Nitrobenzene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	N-Nitrosodi-n-propylamine	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	N-Nitrosodiphenylamine	0		0.00088	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Pentachlorophenol	0		0.0041	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Phenanthrene	0.0025	J	0.0019	0.0041	1	mg/Kg-dry	0.0025	J
DPTS-129	HS16051317-30	Phenol	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-129	HS16051317-30	Pyrene	0.0049		0.00075	0.0041	1	mg/Kg-dry	0.0049	
DPTS-130	HS16051317-31	Percent Moisture	7.67		0.0100	0.0100	1	wt%	7.67	
DPTS-130	HS16051317-31	1,1,1-Trichloroethane	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,1,2,2-Tetrachloroethane	0		0.00067	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00058	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,1,2-Trichloroethane	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,1-Dichloroethane	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,1-Dichloroethene	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,2,4-Trichlorobenzene	0		0.00092	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,2-Dibromo-3-chloropropane	0		0.0013	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,2-Dibromoethane	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,2-Dichlorobenzene	0		0.00083	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,2-Dichloroethane	0		0.00050	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,2-Dichloropropane	0		0.00067	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,3-Dichlorobenzene	0		0.00092	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	1,4-Dichlorobenzene	0		0.00083	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	2-Butanone	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	2-Hexanone	0		0.0012	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	4-Methyl-2-pentanone	0		0.0017	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	Acetone	0		0.0026	0.017	1	mg/Kg-dry	0.017	UJ
DPTS-130	HS16051317-31	Benzene	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Bromodichloromethane	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Bromoform	0		0.00050	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Bromomethane	0		0.00083	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	Carbon disulfide	0		0.00050	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	Carbon tetrachloride	0		0.00050	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Chlorobenzene	0		0.00050	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Chloroethane	0		0.00067	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	Chloroform	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Chloromethane	0		0.00042	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	cis-1,2-Dichloroethene	0		0.00067	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	cis-1,3-Dichloropropene	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Cyclohexane	0		0.00083	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Dibromochloromethane	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Dichlorodifluoromethane	0		0.00058	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Ethylbenzene	0		0.00058	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Isopropylbenzene	0		0.00075	0.0042	1	mg/Kg-dry	0.0042	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-130	HS16051317-31	m,p-Xylene	0		0.0013	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	Methyl acetate	0		0.00058	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Methyl tert-butyl ether	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Methylcyclohexane	0		0.0010	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Methylene chloride	0		0.00083	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	o-Xylene	0		0.00083	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Styrene	0		0.00058	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Tetrachloroethene	0		0.00058	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Toluene	0		0.00050	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	trans-1,2-Dichloroethene	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	trans-1,3-Dichloropropene	0		0.00050	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Trichloroethene	0		0.00050	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Trichlorofluoromethane	0		0.00042	0.0042	1	mg/Kg-dry	0.0042	UJ
DPTS-130	HS16051317-31	Vinyl chloride	0		0.00067	0.0017	1	mg/Kg-dry	0.0017	UJ
DPTS-130	HS16051317-31	Xylenes, Total	0		0.0020	0.0083	1	mg/Kg-dry	0.0083	UJ
DPTS-130	HS16051317-31	1,1'-Biphenyl	0		0.0018	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2,4,5-Trichlorophenol	0		0.0027	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2,4,6-Trichlorophenol	0		0.0018	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2,4-Dichlorophenol	0		0.0014	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2,4-Dimethylphenol	0		0.0036	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2,4-Dinitrophenol	0		0.0049	0.014	1	mg/Kg-dry	0.014	U
DPTS-130	HS16051317-31	2,4-Dinitrotoluene	0		0.00097	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2,6-Dinitrotoluene	0		0.0036	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2-Chloronaphthalene	0		0.0014	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2-Chlorophenol	0		0.0014	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2-Methylnaphthalene	0		0.00054	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	2-Methylphenol	0		0.0012	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2-Nitroaniline	0		0.0021	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	2-Nitrophenol	0		0.0027	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	3&4-Methylphenol	0		0.0011	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	3,3'-Dichlorobenzidine	0		0.0027	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	3-Nitroaniline	0		0.0021	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	4,6-Dinitro-2-methylphenol	0		0.0023	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	4-Bromophenyl phenyl ether	0		0.0017	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	4-Chloro-3-methylphenol	0		0.00076	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	4-Chloroaniline	0		0.0012	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	4-Chlorophenyl phenyl ether	0		0.0016	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	4-Nitroaniline	0		0.0024	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	4-Nitrophenol	0		0.0021	0.014	1	mg/Kg-dry	0.014	U
DPTS-130	HS16051317-31	Acenaphthene	0		0.00054	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Acenaphthylene	0		0.0011	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Acetophenone	0		0.00086	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Anthracene	0		0.00054	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Atrazine	0		0.0022	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Benz(a)anthracene	0		0.0017	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Benzaldehyde	0		0.0013	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Benzo(a)pyrene	0		0.0011	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Benzo(b)fluoranthene	0		0.0013	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Benzo(g,h,i)perylene	0		0.00076	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Benzo(k)fluoranthene	0		0.00097	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Bis(2-chloroethoxy)methane	0		0.00097	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Bis(2-chloroethyl)ether	0		0.0012	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Bis(2-chloroisopropyl)ether	0		0.0015	0.0071	1	mg/Kg-dry	0.0071	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-130	HS16051317-31	Bis(2-ethylhexyl)phthalate	0.0062	J	0.0018	0.0071	1	mg/Kg-dry	0.0062	J
DPTS-130	HS16051317-31	Butyl benzyl phthalate	0.0050	J	0.0014	0.0071	1	mg/Kg-dry	0.005	J
DPTS-130	HS16051317-31	Caprolactam	0.0068	J	0.0013	0.0071	1	mg/Kg-dry	0.0068	J
DPTS-130	HS16051317-31	Carbazole	0		0.0013	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Chrysene	0		0.00086	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Dibenz(a,h)anthracene	0		0.0017	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Dibenzofuran	0		0.00076	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Diethyl phthalate	0		0.0011	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Dimethyl phthalate	0		0.00086	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Di-n-butyl phthalate	0.0069	J	0.0013	0.0071	1	mg/Kg-dry	0.0069	J
DPTS-130	HS16051317-31	Di-n-octyl phthalate	0		0.00097	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Fluoranthene	0		0.0012	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Fluorene	0		0.0012	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Hexachlorobenzene	0		0.00097	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Hexachlorobutadiene	0		0.0013	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Hexachlorocyclopentadiene	0		0.00086	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Hexachloroethane	0		0.0016	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Indeno(1,2,3-cd)pyrene	0		0.00086	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Isophorone	0		0.00086	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Naphthalene	0		0.00065	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Nitrobenzene	0		0.00097	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	N-Nitrosodi-n-propylamine	0		0.0012	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	N-Nitrosodiphenylamine	0		0.00076	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Pentachlorophenol	0		0.0036	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Phenanthrene	0		0.0016	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-130	HS16051317-31	Phenol	0		0.0012	0.0071	1	mg/Kg-dry	0.0071	U
DPTS-130	HS16051317-31	Pyrene	0		0.00065	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-131	HS16051317-32	Percent Moisture	20.8		0.0100	0.0100	1	wt%	20.8	
DPTS-131	HS16051317-32	1,1,1-Trichloroethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,1,2,2-Tetrachloroethane	0		0.00078	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,1,2-Trichloroethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,1-Dichloroethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,1-Dichloroethene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,2,4-Trichlorobenzene	0		0.0011	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,2-Dibromo-3-chloropropane	0		0.0016	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,2-Dibromoethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,2-Dichlorobenzene	0		0.00097	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,2-Dichloroethane	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,2-Dichloropropane	0		0.00078	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,3-Dichlorobenzene	0		0.0011	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	1,4-Dichlorobenzene	0		0.00097	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	2-Butanone	0		0.0013	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	2-Hexanone	0		0.0014	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	4-Methyl-2-pentanone	0		0.0019	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	Acetone	0.027		0.0030	0.019	1	mg/Kg-dry	0.027	J
DPTS-131	HS16051317-32	Benzene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Bromodichloromethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Bromoform	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Bromomethane	0		0.00097	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	Carbon disulfide	0		0.00058	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	Carbon tetrachloride	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Chlorobenzene	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-131	HS16051317-32	Chloroethane	0		0.00078	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	Chloroform	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Chloromethane	0		0.00049	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	cis-1,2-Dichloroethene	0		0.00078	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	cis-1,3-Dichloropropene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Cyclohexane	0		0.00097	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Dibromochloromethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Dichlorodifluoromethane	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Ethylbenzene	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Isopropylbenzene	0		0.00088	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	m,p-Xylene	0		0.0016	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	Methyl acetate	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Methyl tert-butyl ether	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Methylcyclohexane	0		0.0012	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Methylene chloride	0		0.00097	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	o-Xylene	0		0.00097	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Styrene	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Tetrachloroethene	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Toluene	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	trans-1,2-Dichloroethene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	trans-1,3-Dichloropropene	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Trichloroethene	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Trichlorofluoromethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-131	HS16051317-32	Vinyl chloride	0		0.00078	0.0019	1	mg/Kg-dry	0.0019	UJ
DPTS-131	HS16051317-32	Xylenes, Total	0		0.0023	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-131	HS16051317-32	1,1'-Biphenyl	0.015		0.0021	0.0083	1	mg/Kg-dry	0.015	
DPTS-131	HS16051317-32	2,4,5-Trichlorophenol	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2,4,6-Trichlorophenol	0		0.0021	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2,4-Dichlorophenol	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2,4-Dimethylphenol	0		0.0041	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2,4-Dinitrophenol	0		0.0056	0.017	1	mg/Kg-dry	0.017	U
DPTS-131	HS16051317-32	2,4-Dinitrotoluene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2,6-Dinitrotoluene	0		0.0041	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2-Chloronaphthalene	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2-Chlorophenol	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2-Methylnaphthalene	0.048		0.00063	0.0041	1	mg/Kg-dry	0.048	
DPTS-131	HS16051317-32	2-Methylphenol	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2-Nitroaniline	0		0.0024	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	2-Nitrophenol	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	3&4-Methylphenol	0.0035	J	0.0013	0.0083	1	mg/Kg-dry	0.0035	J
DPTS-131	HS16051317-32	3,3'-Dichlorobenzidine	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	3-Nitroaniline	0		0.0024	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	4,6-Dinitro-2-methylphenol	0		0.0026	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	4-Bromophenyl phenyl ether	0		0.0020	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	4-Chloro-3-methylphenol	0		0.00088	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	4-Chloroaniline	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	4-Chlorophenyl phenyl ether	0		0.0019	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	4-Nitroaniline	0		0.0028	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	4-Nitrophenol	0		0.0024	0.017	1	mg/Kg-dry	0.017	U
DPTS-131	HS16051317-32	Acenaphthene	0.20		0.00063	0.0041	1	mg/Kg-dry	0.2	
DPTS-131	HS16051317-32	Acenaphthylene	0.0047		0.0013	0.0041	1	mg/Kg-dry	0.0047	
DPTS-131	HS16051317-32	Acetophenone	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Anthracene	0.46		0.0031	0.021	5	mg/Kg-dry	0.46	

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Reult	Vall Qualifier
DPTS-131	HS16051317-32	Atrazine	0		0.0025	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Benz(a)anthracene	0.66		0.010	0.021	5	mg/Kg-dry	0.66	
DPTS-131	HS16051317-32	Benzaldehyde	0.0042	J	0.0015	0.0083	1	mg/Kg-dry	0.0042	J
DPTS-131	HS16051317-32	Benzo(a)pyrene	0.57		0.0063	0.021	5	mg/Kg-dry	0.57	
DPTS-131	HS16051317-32	Benzo(b)fluoranthene	0.66		0.0075	0.021	5	mg/Kg-dry	0.66	
DPTS-131	HS16051317-32	Benzo(g,h,i)perylene	0.38		0.00088	0.0041	1	mg/Kg-dry	0.38	
DPTS-131	HS16051317-32	Benzo(k)fluoranthene	0.27		0.0011	0.0041	1	mg/Kg-dry	0.27	
DPTS-131	HS16051317-32	Bis(2-chloroethoxy)methane	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Bis(2-chloroethyl)ether	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Bis(2-chloroisopropyl)ether	0		0.0018	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Bis(2-ethylhexyl)phthalate	0.016		0.0021	0.0083	1	mg/Kg-dry	0.016	
DPTS-131	HS16051317-32	Butyl benzyl phthalate	0.0027	J	0.0016	0.0083	1	mg/Kg-dry	0.0027	J
DPTS-131	HS16051317-32	Caprolactam	0.022		0.0015	0.0083	1	mg/Kg-dry	0.022	
DPTS-131	HS16051317-32	Carbazole	0.22		0.0015	0.0083	1	mg/Kg-dry	0.22	
DPTS-131	HS16051317-32	Chrysene	0.64		0.0050	0.021	5	mg/Kg-dry	0.64	
DPTS-131	HS16051317-32	Dibenz(a,h)anthracene	0.085		0.0020	0.0041	1	mg/Kg-dry	0.085	
DPTS-131	HS16051317-32	Dibenzofuran	0.13		0.00088	0.0041	1	mg/Kg-dry	0.13	
DPTS-131	HS16051317-32	Diethyl phthalate	0.0033	J	0.0013	0.0083	1	mg/Kg-dry	0.0033	J
DPTS-131	HS16051317-32	Dimethyl phthalate	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Di-n-butyl phthalate	0.014		0.0015	0.0083	1	mg/Kg-dry	0.014	
DPTS-131	HS16051317-32	Di-n-octyl phthalate	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Fluoranthene	2.0		0.0069	0.021	5	mg/Kg-dry	2	
DPTS-131	HS16051317-32	Fluorene	0.16		0.0014	0.0041	1	mg/Kg-dry	0.16	
DPTS-131	HS16051317-32	Hexachlorobenzene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Hexachlorobutadiene	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Hexachlorocyclopentadiene	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Hexachloroethane	0		0.0019	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Indeno(1,2,3-cd)pyrene	0.40		0.0050	0.021	5	mg/Kg-dry	0.4	
DPTS-131	HS16051317-32	Isophorone	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Naphthalene	0.082		0.00075	0.0041	1	mg/Kg-dry	0.082	
DPTS-131	HS16051317-32	Nitrobenzene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	N-Nitrosodi-n-propylamine	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	N-Nitrosodiphenylamine	0		0.00088	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Pentachlorophenol	0		0.0041	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-131	HS16051317-32	Phenanthrene	1.8		0.0094	0.021	5	mg/Kg-dry	1.8	
DPTS-131	HS16051317-32	Phenol	0.0024	J	0.0014	0.0083	1	mg/Kg-dry	0.0024	J
DPTS-131	HS16051317-32	Pyrene	1.7		0.0038	0.021	5	mg/Kg-dry	1.7	
DPTS-132	HS16051317-33	Percent Moisture	13.5		0.0100	0.0100	1	wt%	13.5	
DPTS-132	HS16051317-33	1,1,1-Trichloroethane	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,1,2,2-Tetrachloroethane	0		0.00065	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00057	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,1,2-Trichloroethane	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,1-Dichloroethane	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,1-Dichloroethene	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,2,4-Trichlorobenzene	0		0.00089	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,2-Dibromo-3-chloropropane	0		0.0013	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,2-Dibromoethane	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,2-Dichlorobenzene	0		0.00081	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,2-Dichloroethane	0		0.00049	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,2-Dichloropropane	0		0.00065	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,3-Dichlorobenzene	0		0.00089	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	1,4-Dichlorobenzene	0		0.00081	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	2-Butanone	0		0.0011	0.0081	1	mg/Kg-dry	0.0081	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-132	HS16051317-33	2-Hexanone	0		0.0011	0.0081	1	mg/Kg-dry	0.0081	UJ
DPTS-132	HS16051317-33	4-Methyl-2-pentanone	0		0.0016	0.0081	1	mg/Kg-dry	0.0081	UJ
DPTS-132	HS16051317-33	Acetone	0		0.0025	0.016	1	mg/Kg-dry	0.016	UJ
DPTS-132	HS16051317-33	Benzene	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Bromodichloromethane	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Bromoform	0		0.00049	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Bromomethane	0		0.00081	0.0081	1	mg/Kg-dry	0.0081	UJ
DPTS-132	HS16051317-33	Carbon disulfide	0		0.00049	0.0081	1	mg/Kg-dry	0.0081	UJ
DPTS-132	HS16051317-33	Carbon tetrachloride	0		0.00049	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Chlorobenzene	0		0.00049	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Chloroethane	0		0.00065	0.0081	1	mg/Kg-dry	0.0081	UJ
DPTS-132	HS16051317-33	Chloroform	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Chloromethane	0		0.00040	0.0081	1	mg/Kg-dry	0.0081	UJ
DPTS-132	HS16051317-33	cis-1,2-Dichloroethene	0		0.00065	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	cis-1,3-Dichloropropene	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Cyclohexane	0		0.00081	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Dibromochloromethane	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Dichlorodifluoromethane	0		0.00057	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Ethylbenzene	0		0.00057	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Isopropylbenzene	0		0.00073	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	m,p-Xylene	0		0.0013	0.0081	1	mg/Kg-dry	0.0081	UJ
DPTS-132	HS16051317-33	Methyl acetate	0		0.00057	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Methyl tert-butyl ether	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Methylcyclohexane	0		0.00097	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Methylene chloride	0		0.00081	0.0081	1	mg/Kg-dry	0.0081	UJ
DPTS-132	HS16051317-33	o-Xylene	0		0.00081	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Styrene	0		0.00057	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Tetrachloroethene	0		0.00057	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Toluene	0		0.00049	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	trans-1,2-Dichloroethene	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	trans-1,3-Dichloropropene	0		0.00049	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Trichloroethene	0		0.00049	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Trichlorofluoromethane	0		0.00040	0.0040	1	mg/Kg-dry	0.004	UJ
DPTS-132	HS16051317-33	Vinyl chloride	0		0.00065	0.0016	1	mg/Kg-dry	0.0016	UJ
DPTS-132	HS16051317-33	Xylenes, Total	0		0.0019	0.0081	1	mg/Kg-dry	0.0081	UJ
DPTS-132	HS16051317-33	1,1'-Biphenyl	0		0.0020	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2,4,5-Trichlorophenol	0		0.0029	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2,4,6-Trichlorophenol	0		0.0020	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2,4-Dichlorophenol	0		0.0015	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2,4-Dimethylphenol	0		0.0038	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2,4-Dinitrophenol	0		0.0052	0.015	1	mg/Kg-dry	0.015	U
DPTS-132	HS16051317-33	2,4-Dinitrotoluene	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2,6-Dinitrotoluene	0		0.0038	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2-Chloronaphthalene	0		0.0015	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2-Chlorophenol	0		0.0015	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2-Methylnaphthalene	0		0.00058	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	2-Methylphenol	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2-Nitroaniline	0		0.0022	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	2-Nitrophenol	0		0.0029	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	3&4-Methylphenol	0		0.0012	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	3,3'-Dichlorobenzidine	0		0.0029	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	3-Nitroaniline	0		0.0022	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	4,6-Dinitro-2-methylphenol	0		0.0024	0.0076	1	mg/Kg-dry	0.0076	U



Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-132	HS16051317-33	4-Bromophenyl phenyl ether	0		0.0018	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	4-Chloro-3-methylphenol	0		0.00081	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	4-Chloroaniline	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	4-Chlorophenyl phenyl ether	0		0.0017	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	4-Nitroaniline	0		0.0025	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	4-Nitrophenol	0		0.0022	0.015	1	mg/Kg-dry	0.015	U
DPTS-132	HS16051317-33	Acenaphthene	0		0.00058	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Acenaphthylene	0		0.0012	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Acetophenone	0		0.00092	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Anthracene	0		0.00058	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Atrazine	0		0.0023	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Benz(a)anthracene	0		0.0018	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Benzaldehyde	0		0.0014	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Benzo(a)pyrene	0		0.0012	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Benzo(b)fluoranthene	0		0.0014	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Benzo(g,h,i)perylene	0		0.00081	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Benzo(k)fluoranthene	0		0.0010	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Bis(2-chloroethoxy)methane	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Bis(2-chloroethyl)ether	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Bis(2-chloroisopropyl)ether	0		0.0016	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Bis(2-ethylhexyl)phthalate	0.0091		0.0020	0.0076	1	mg/Kg-dry	0.0091	
DPTS-132	HS16051317-33	Butyl benzyl phthalate	0.0085		0.0015	0.0076	1	mg/Kg-dry	0.0085	
DPTS-132	HS16051317-33	Caprolactam	0.0063	J	0.0014	0.0076	1	mg/Kg-dry	0.0063	J
DPTS-132	HS16051317-33	Carbazole	0		0.0014	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Chrysene	0		0.00092	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Dibenz(a,h)anthracene	0		0.0018	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Dibenzofuran	0		0.00081	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Diethyl phthalate	0		0.0012	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Dimethyl phthalate	0		0.00092	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Di-n-butyl phthalate	0.012		0.0014	0.0076	1	mg/Kg-dry	0.012	
DPTS-132	HS16051317-33	Di-n-octyl phthalate	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Fluoranthene	0		0.0013	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Fluorene	0		0.0013	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Hexachlorobenzene	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Hexachlorobutadiene	0		0.0014	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Hexachlorocyclopentadiene	0		0.00092	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Hexachloroethane	0		0.0017	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Indeno(1,2,3-cd)pyrene	0		0.00092	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Isophorone	0		0.00092	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Naphthalene	0		0.00069	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Nitrobenzene	0		0.0010	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	N-Nitrosodi-n-propylamine	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	N-Nitrosodiphenylamine	0		0.00081	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Pentachlorophenol	0		0.0038	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Phenanthrene	0		0.0017	0.0038	1	mg/Kg-dry	0.0038	U
DPTS-132	HS16051317-33	Phenol	0		0.0013	0.0076	1	mg/Kg-dry	0.0076	U
DPTS-132	HS16051317-33	Pyrene	0		0.00069	0.0038	1	mg/Kg-dry	0.0038	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,1,1-Trichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,1,2,2-Tetrachloroethane	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.0010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,1,2-Trichloroethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,1-Dichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,1-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,2,4-Trichlorobenzene	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,2-Dibromo-3-chloropropane	0		0.0010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,2-Dibromoethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,2-Dichlorobenzene	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,2-Dichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,2-Dichloropropane	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,3-Dichlorobenzene	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	1,4-Dichlorobenzene	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	2-Butanone	0		0.00050	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	2-Hexanone	0		0.0010	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	4-Methyl-2-pentanone	0		0.00070	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Acetone	0		0.0020	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Benzene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Bromodichloromethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Bromoform	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Bromomethane	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Carbon disulfide	0		0.00060	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Carbon tetrachloride	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Chlorobenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Chloroethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Chloroform	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Chloromethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	cis-1,2-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	cis-1,3-Dichloropropene	0		0.00010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Cyclohexane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Dibromochloromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Dichlorodifluoromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Ethylbenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Isopropylbenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	m,p-Xylene	0		0.00050	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Methyl acetate	0		0.0010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Methyl tert-butyl ether	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Methylcyclohexane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Methylene chloride	0		0.0010	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	o-Xylene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Styrene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Tetrachloroethene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Toluene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	trans-1,2-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	trans-1,3-Dichloropropene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Trichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Trichlorofluoromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Vinyl chloride	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-05/12/16-02	HS16051317-34	Xylenes, Total	0		0.00050	0.0030	1	mg/L	0.003	U
DPTS-133	HS16051317-35	Percent Moisture	17.5		0.0100	0.0100	1	wt%	17.5	
DPTS-133	HS16051317-35	1,1,1-Trichloroethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,1,2,2-Tetrachloroethane	0		0.00076	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,1,2-Trichloroethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,1-Dichloroethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,1-Dichloroethene	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,2,4-Trichlorobenzene	0		0.0010	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,2-Dibromo-3-chloropropane	0		0.0015	0.0047	1	mg/Kg-dry	0.0047	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-133	HS16051317-35	1,2-Dibromoethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,2-Dichlorobenzene	0		0.00095	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,2-Dichloroethane	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,2-Dichloropropane	0		0.00076	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,3-Dichlorobenzene	0		0.0010	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	1,4-Dichlorobenzene	0		0.00095	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	2-Butanone	0		0.0012	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-133	HS16051317-35	2-Hexanone	0		0.0013	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-133	HS16051317-35	4-Methyl-2-pentanone	0		0.0019	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-133	HS16051317-35	Acetone	0.065		0.0029	0.019	1	mg/Kg-dry	0.065	I
DPTS-133	HS16051317-35	Benzene	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Bromodichloromethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Bromoform	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Bromomethane	0		0.00095	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-133	HS16051317-35	Carbon disulfide	0		0.00057	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-133	HS16051317-35	Carbon tetrachloride	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Chlorobenzene	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Chloroethane	0		0.00076	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-133	HS16051317-35	Chloroform	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Chloromethane	0		0.00047	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-133	HS16051317-35	cis-1,2-Dichloroethene	0		0.00076	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	cis-1,3-Dichloropropene	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Cyclohexane	0		0.00095	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Dibromochloromethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Dichlorodifluoromethane	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Ethylbenzene	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Isopropylbenzene	0		0.00085	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	m,p-Xylene	0		0.0015	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-133	HS16051317-35	Methyl acetate	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Methyl tert-butyl ether	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Methylcyclohexane	0		0.0011	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Methylene chloride	0		0.00095	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-133	HS16051317-35	o-Xylene	0		0.00095	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Styrene	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Tetrachloroethene	0		0.00066	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Toluene	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	trans-1,2-Dichloroethene	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	trans-1,3-Dichloropropene	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Trichloroethene	0		0.00057	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Trichlorofluoromethane	0		0.00047	0.0047	1	mg/Kg-dry	0.0047	UJ
DPTS-133	HS16051317-35	Vinyl chloride	0		0.00076	0.0019	1	mg/Kg-dry	0.0019	UJ
DPTS-133	HS16051317-35	Xylenes, Total	0		0.0023	0.0095	1	mg/Kg-dry	0.0095	UJ
DPTS-134	HS16051317-36	Percent Moisture	21.0		0.0100	0.0100	1	wt%	21	
DPTS-134	HS16051317-36	1,1,1-Trichloroethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,1,2,2-Tetrachloroethane	0		0.00081	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,1,2-Trichloroethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,1-Dichloroethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,1-Dichloroethene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,2,4-Trichlorobenzene	0		0.0011	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,2-Dibromo-3-chloropropane	0		0.0016	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,2-Dibromoethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,2-Dichlorobenzene	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-134	HS16051317-36	1,2-Dichloroethane	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,2-Dichloropropane	0		0.00081	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,3-Dichlorobenzene	0		0.0011	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	1,4-Dichlorobenzene	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	2-Butanone	0		0.0013	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	2-Hexanone	0		0.0014	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	4-Methyl-2-pentanone	0		0.0020	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	Acetone	0.025		0.0031	0.020	1	mg/Kg-dry	0.025	J
DPTS-134	HS16051317-36	Benzene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Bromodichloromethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Bromoform	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Bromomethane	0		0.0010	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	Carbon disulfide	0		0.00061	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	Carbon tetrachloride	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Chlorobenzene	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Chloroethane	0		0.00081	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	Chloroform	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Chloromethane	0		0.00051	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	cis-1,2-Dichloroethene	0		0.00081	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	cis-1,3-Dichloropropene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Cyclohexane	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Dibromochloromethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Dichlorodifluoromethane	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Ethylbenzene	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Isopropylbenzene	0		0.00091	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	m,p-Xylene	0		0.0016	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	Methyl acetate	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Methyl tert-butyl ether	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Methylcyclohexane	0		0.0012	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Methylene chloride	0		0.0010	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	o-Xylene	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Styrene	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Tetrachloroethene	0		0.00071	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Toluene	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	trans-1,2-Dichloroethene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	trans-1,3-Dichloropropene	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Trichloroethene	0		0.00061	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Trichlorofluoromethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-134	HS16051317-36	Vinyl chloride	0		0.00081	0.0020	1	mg/Kg-dry	0.002	UJ
DPTS-134	HS16051317-36	Xylenes, Total	0		0.0024	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-134	HS16051317-36	1,1'-Biphenyl	0		0.0021	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2,4,5-Trichlorophenol	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2,4,6-Trichlorophenol	0		0.0021	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2,4-Dichlorophenol	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2,4-Dimethylphenol	0		0.0042	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2,4-Dinitrophenol	0		0.0057	0.017	1	mg/Kg-dry	0.017	U
DPTS-134	HS16051317-36	2,4-Dinitrotoluene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2,6-Dinitrotoluene	0		0.0042	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2-Chloronaphthalene	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2-Chlorophenol	0		0.0016	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2-Methylnaphthalene	0		0.00063	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	2-Methylphenol	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	2-Nitroaniline	0		0.0024	0.0083	1	mg/Kg-dry	0.0083	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-134	HS16051317-36	2-Nitrophenol	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	3&4-Methylphenol	0		0.0013	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	3,3'-Dichlorobenzidine	0		0.0031	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	3-Nitroaniline	0		0.0024	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	4,6-Dinitro-2-methylphenol	0		0.0026	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	4-Bromophenyl phenyl ether	0		0.0020	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	4-Chloro-3-methylphenol	0		0.00088	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	4-Chloroaniline	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	4-Chlorophenyl phenyl ether	0		0.0019	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	4-Nitroaniline	0		0.0028	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	4-Nitrophenol	0		0.0024	0.017	1	mg/Kg-dry	0.017	U
DPTS-134	HS16051317-36	Acenaphthene	0		0.00063	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Acenaphthylene	0		0.0013	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Acetophenone	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Anthracene	0		0.00063	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Atrazine	0		0.0025	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Benz(a)anthracene	0		0.0020	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Benzaldehyde	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Benzo(a)pyrene	0		0.0013	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Benzo(b)fluoranthene	0		0.0015	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Benzo(g,h,i)perylene	0		0.00088	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Benzo(k)fluoranthene	0		0.0011	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Bis(2-chloroethoxy)methane	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Bis(2-chloroethyl)ether	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Bis(2-chloroisopropyl)ether	0		0.0018	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Bis(2-ethylhexyl)phthalate	0.010		0.0021	0.0083	1	mg/Kg-dry	0.01	
DPTS-134	HS16051317-36	Butyl benzyl phthalate	0.0031	J	0.0016	0.0083	1	mg/Kg-dry	0.0031	J
DPTS-134	HS16051317-36	Caprolactam	0.015		0.0015	0.0083	1	mg/Kg-dry	0.015	
DPTS-134	HS16051317-36	Carbazole	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Chrysene	0		0.0010	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Dibenz(a,h)anthracene	0		0.0020	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Dibenzofuran	0		0.00088	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Diethyl phthalate	0.0031	J	0.0013	0.0083	1	mg/Kg-dry	0.0031	J
DPTS-134	HS16051317-36	Dimethyl phthalate	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Di-n-butyl phthalate	0.013		0.0015	0.0083	1	mg/Kg-dry	0.013	
DPTS-134	HS16051317-36	Di-n-octyl phthalate	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Fluoranthene	0		0.0014	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Fluorene	0		0.0014	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Hexachlorobenzene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Hexachlorobutadiene	0		0.0015	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Hexachlorocyclopentadiene	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Hexachloroethane	0		0.0019	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Indeno(1,2,3-cd)pyrene	0		0.0010	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Isophorone	0		0.0010	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Naphthalene	0		0.00076	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Nitrobenzene	0		0.0011	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	N-Nitrosodi-n-propylamine	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	N-Nitrosodiphenylamine	0		0.00088	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Pentachlorophenol	0		0.0042	0.0083	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Phenanthrene	0		0.0019	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-134	HS16051317-36	Phenol	0		0.0014	0.0083	1	mg/Kg-dry	0.0083	U
DPTS-134	HS16051317-36	Pyrene	0		0.00076	0.0042	1	mg/Kg-dry	0.0042	u
DPTS-135	HS16051317-37	Percent Moisture	17.8		0.0100	0.0100	1	wt%	17.8	

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Reult	Vall Qualifier
DPTS-135	HS16051317-37	1,1,1-Trichloroethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,1,2,2-Tetrachloroethane	0		0.00072	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,1,2-Trichloroethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,1-Dichloroethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,1-Dichloroethene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,2,4-Trichlorobenzene	0		0.00099	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,2-Dibromo-3-chloropropane	0		0.0014	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,2-Dibromoethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,2-Dichlorobenzene	0		0.00090	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,2-Dichloroethane	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,2-Dichloropropane	0		0.00072	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,3-Dichlorobenzene	0		0.00099	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	1,4-Dichlorobenzene	0		0.00090	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	2-Butanone	0		0.0012	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	2-Hexanone	0		0.0013	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	4-Methyl-2-pentanone	0		0.0018	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	Acetone	0		0.0028	0.018	1	mg/Kg-dry	0.018	UJ
DPTS-135	HS16051317-37	Benzene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Bromodichloromethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Bromoform	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Bromomethane	0		0.00090	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	Carbon disulfide	0		0.00054	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	Carbon tetrachloride	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Chlorobenzene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Chloroethane	0		0.00072	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	Chloroform	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Chloromethane	0		0.00045	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	cis-1,2-Dichloroethene	0		0.00072	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	cis-1,3-Dichloropropene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Cyclohexane	0		0.00090	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Dibromochloromethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Dichlorodifluoromethane	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Ethylbenzene	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Isopropylbenzene	0		0.00081	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	m,p-Xylene	0		0.0014	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	Methyl acetate	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Methyl tert-butyl ether	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Methylcyclohexane	0		0.0011	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Methylene chloride	0		0.00090	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	o-Xylene	0		0.00090	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Styrene	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Tetrachloroethene	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Toluene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	trans-1,2-Dichloroethene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	trans-1,3-Dichloropropene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Trichloroethene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Trichlorofluoromethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-135	HS16051317-37	Vinyl chloride	0		0.00072	0.0018	1	mg/Kg-dry	0.0018	UJ
DPTS-135	HS16051317-37	Xylenes, Total	0		0.0022	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-135	HS16051317-37	1,1'-Biphenyl	0		0.0021	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2,4,5-Trichlorophenol	0		0.0030	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2,4,6-Trichlorophenol	0		0.0021	0.0080	1	mg/Kg-dry	0.008	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-135	HS16051317-37	2,4-Dichlorophenol	0		0.0016	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2,4-Dimethylphenol	0		0.0040	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2,4-Dinitrophenol	0		0.0054	0.016	1	mg/Kg-dry	0.016	U
DPTS-135	HS16051317-37	2,4-Dinitrotoluene	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2,6-Dinitrotoluene	0		0.0040	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2-Chloronaphthalene	0		0.0016	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2-Chlorophenol	0		0.0016	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2-Methylnaphthalene	0		0.00060	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	2-Methylphenol	0		0.0013	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2-Nitroaniline	0		0.0023	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	2-Nitrophenol	0		0.0030	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	3&4-Methylphenol	0		0.0012	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	3,3'-Dichlorobenzidine	0		0.0030	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	3-Nitroaniline	0		0.0023	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	4,6-Dinitro-2-methylphenol	0		0.0025	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	4-Bromophenyl phenyl ether	0		0.0019	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	4-Chloro-3-methylphenol	0		0.00085	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	4-Chloroaniline	0		0.0013	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	4-Chlorophenyl phenyl ether	0		0.0018	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	4-Nitroaniline	0		0.0027	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	4-Nitrophenol	0		0.0023	0.016	1	mg/Kg-dry	0.016	U
DPTS-135	HS16051317-37	Acenaphthene	0		0.00060	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Acenaphthylene	0		0.0012	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Acetophenone	0		0.00097	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Anthracene	0		0.00060	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Atrazine	0		0.0024	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Benz(a)anthracene	0		0.0019	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Benzaldehyde	0		0.0015	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Benzo(a)pyrene	0		0.0012	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Benzo(b)fluoranthene	0		0.0015	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Benzo(g,h,i)perylene	0		0.00085	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Benzo(k)fluoranthene	0		0.0011	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Bis(2-chloroethoxy)methane	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Bis(2-chloroethyl)ether	0		0.0013	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Bis(2-chloroisopropyl)ether	0		0.0017	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Bis(2-ethylhexyl)phthalate	0.011		0.0021	0.0080	1	mg/Kg-dry	0.011	
DPTS-135	HS16051317-37	Butyl benzyl phthalate	0.0027	J	0.0016	0.0080	1	mg/Kg-dry	0.0027	J
DPTS-135	HS16051317-37	Caprolactam	0.018		0.0015	0.0080	1	mg/Kg-dry	0.018	
DPTS-135	HS16051317-37	Carbazole	0		0.0015	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Chrysene	0		0.00097	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Dibenz(a,h)anthracene	0		0.0019	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Dibenzofuran	0		0.00085	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Diethyl phthalate	0.0031	J	0.0012	0.0080	1	mg/Kg-dry	0.0031	J
DPTS-135	HS16051317-37	Dimethyl phthalate	0		0.00097	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Di-n-butyl phthalate	0.013		0.0015	0.0080	1	mg/Kg-dry	0.013	
DPTS-135	HS16051317-37	Di-n-octyl phthalate	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Fluoranthene	0		0.0013	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Fluorene	0		0.0013	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Hexachlorobenzene	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Hexachlorobutadiene	0		0.0015	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Hexachlorocyclopentadiene	0		0.00097	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Hexachloroethane	0		0.0018	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Indeno(1,2,3-cd)pyrene	0		0.00097	0.0040	1	mg/Kg-dry	0.004	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-135	HS16051317-37	Isophorone	0		0.00097	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Naphthalene	0		0.00073	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Nitrobenzene	0		0.0011	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	N-Nitrosodi-n-propylamine	0		0.0013	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	N-Nitrosodiphenylamine	0		0.00085	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Pentachlorophenol	0		0.0040	0.0080	1	mg/Kg-dry	0.008	U
DPTS-135	HS16051317-37	Phenanthrene	0		0.0018	0.0040	1	mg/Kg-dry	0.004	U
DPTS-135	HS16051317-37	Phenol	0.0022	J	0.0013	0.0080	1	mg/Kg-dry	0.0022	J
DPTS-135	HS16051317-37	Pyrene	0		0.00073	0.0040	1	mg/Kg-dry	0.004	U
DPTS-136	HS16051317-38	Percent Moisture	22.0		0.0100	0.0100	1	wt%	22	
DPTS-136	HS16051317-38	1,1,1-Trichloroethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,1,2,2-Tetrachloroethane	0		0.00082	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00072	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,1,2-Trichloroethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,1-Dichloroethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,1-Dichloroethene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,2,4-Trichlorobenzene	0		0.0011	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,2-Dibromo-3-chloropropane	0		0.0016	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,2-Dibromoethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,2-Dichlorobenzene	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,2-Dichloroethane	0		0.00062	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,2-Dichloropropane	0		0.00082	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,3-Dichlorobenzene	0		0.0011	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	1,4-Dichlorobenzene	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	2-Butanone	0		0.0013	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	2-Hexanone	0		0.0014	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	4-Methyl-2-pentanone	0		0.0021	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	Acetone	0		0.0032	0.021	1	mg/Kg-dry	0.021	UJ
DPTS-136	HS16051317-38	Benzene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Bromodichloromethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Bromoform	0		0.00062	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Bromomethane	0		0.0010	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	Carbon disulfide	0		0.00062	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	Carbon tetrachloride	0		0.00062	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Chlorobenzene	0		0.00062	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Chloroethane	0		0.00082	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	Chloroform	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Chloromethane	0		0.00051	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	cis-1,2-Dichloroethene	0		0.00082	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	cis-1,3-Dichloropropene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Cyclohexane	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Dibromochloromethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Dichlorodifluoromethane	0		0.00072	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Ethylbenzene	0		0.00072	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Isopropylbenzene	0		0.00092	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	m,p-Xylene	0		0.0016	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	Methyl acetate	0		0.00072	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Methyl tert-butyl ether	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Methylcyclohexane	0		0.0012	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Methylene chloride	0		0.0010	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	o-Xylene	0		0.0010	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Styrene	0		0.00072	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Tetrachloroethene	0		0.00072	0.0051	1	mg/Kg-dry	0.0051	UJ



Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-136	HS16051317-38	Toluene	0		0.00062	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	trans-1,2-Dichloroethene	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	trans-1,3-Dichloropropene	0		0.00062	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Trichloroethene	0		0.00062	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Trichlorofluoromethane	0		0.00051	0.0051	1	mg/Kg-dry	0.0051	UJ
DPTS-136	HS16051317-38	Vinyl chloride	0		0.00082	0.0021	1	mg/Kg-dry	0.0021	UJ
DPTS-136	HS16051317-38	Xylenes, Total	0		0.0025	0.010	1	mg/Kg-dry	0.01	UJ
DPTS-136	HS16051317-38	1,1'-Biphenyl	0		0.0022	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2,4,5-Trichlorophenol	0		0.0032	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2,4,6-Trichlorophenol	0		0.0022	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2,4-Dichlorophenol	0		0.0017	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2,4-Dimethylphenol	0		0.0042	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2,4-Dinitrophenol	0		0.0057	0.017	1	mg/Kg-dry	0.017	U
DPTS-136	HS16051317-38	2,4-Dinitrotoluene	0		0.0011	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2,6-Dinitrotoluene	0		0.0042	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2-Chloronaphthalene	0		0.0017	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2-Chlorophenol	0		0.0017	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2-Methylnaphthalene	0		0.00064	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-136	HS16051317-38	2-Methylphenol	0		0.0014	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2-Nitroaniline	0		0.0024	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	2-Nitrophenol	0		0.0032	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	3&4-Methylphenol	0		0.0013	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	3,3'-Dichlorobenzidine	0		0.0032	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	3-Nitroaniline	0		0.0024	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	4,6-Dinitro-2-methylphenol	0		0.0027	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	4-Bromophenyl phenyl ether	0		0.0020	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	4-Chloro-3-methylphenol	0		0.00089	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	4-Chloroaniline	0		0.0014	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	4-Chlorophenyl phenyl ether	0		0.0019	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	4-Nitroaniline	0		0.0028	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	4-Nitrophenol	0		0.0024	0.017	1	mg/Kg-dry	0.017	U
DPTS-136	HS16051317-38	Acenaphthene	0		0.00064	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-136	HS16051317-38	Acenaphthylene	0		0.0013	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-136	HS16051317-38	Acetophenone	0		0.0010	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Anthracene	0.0052		0.00064	0.0042	1	mg/Kg-dry	0.0052	
DPTS-136	HS16051317-38	Atrazine	0		0.0026	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Benz(a)anthracene	0.037		0.0020	0.0042	1	mg/Kg-dry	0.037	
DPTS-136	HS16051317-38	Benzaldehyde	0		0.0015	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Benzo(a)pyrene	0.042		0.0013	0.0042	1	mg/Kg-dry	0.042	
DPTS-136	HS16051317-38	Benzo(b)fluoranthene	0.065		0.0015	0.0042	1	mg/Kg-dry	0.065	
DPTS-136	HS16051317-38	Benzo(g,h,i)perylene	0.035		0.00089	0.0042	1	mg/Kg-dry	0.035	
DPTS-136	HS16051317-38	Benzo(k)fluoranthene	0.069		0.0011	0.0042	1	mg/Kg-dry	0.069	
DPTS-136	HS16051317-38	Bis(2-chloroethoxy)methane	0		0.0011	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Bis(2-chloroethyl)ether	0		0.0014	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Bis(2-chloroisopropyl)ether	0		0.0018	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Bis(2-ethylhexyl)phthalate	0.039		0.0022	0.0084	1	mg/Kg-dry	0.039	
DPTS-136	HS16051317-38	Butyl benzyl phthalate	0.0048	J	0.0017	0.0084	1	mg/Kg-dry	0.0048	J
DPTS-136	HS16051317-38	Caprolactam	0.011		0.0015	0.0084	1	mg/Kg-dry	0.011	
DPTS-136	HS16051317-38	Carbazole	0.0039	J	0.0015	0.0084	1	mg/Kg-dry	0.0039	J
DPTS-136	HS16051317-38	Chrysene	0.045		0.0010	0.0042	1	mg/Kg-dry	0.045	
DPTS-136	HS16051317-38	Dibenz(a,h)anthracene	0.0077		0.0020	0.0042	1	mg/Kg-dry	0.0077	
DPTS-136	HS16051317-38	Dibenzofuran	0		0.00089	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-136	HS16051317-38	Diethyl phthalate	0.0024	J	0.0013	0.0084	1	mg/Kg-dry	0.0024	J

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-136	HS16051317-38	Dimethyl phthalate	0		0.0010	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Di-n-butyl phthalate	0.014		0.0015	0.0084	1	mg/Kg-dry	0.014	
DPTS-136	HS16051317-38	Di-n-octyl phthalate	0		0.0011	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Fluoranthene	0.079		0.0014	0.0042	1	mg/Kg-dry	0.079	
DPTS-136	HS16051317-38	Fluorene	0		0.0014	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-136	HS16051317-38	Hexachlorobenzene	0		0.0011	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Hexachlorobutadiene	0		0.0015	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Hexachlorocyclopentadiene	0		0.0010	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Hexachloroethane	0		0.0019	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Indeno(1,2,3-cd)pyrene	0.039		0.0010	0.0042	1	mg/Kg-dry	0.039	
DPTS-136	HS16051317-38	Isophorone	0		0.0010	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Naphthalene	0		0.00077	0.0042	1	mg/Kg-dry	0.0042	U
DPTS-136	HS16051317-38	Nitrobenzene	0		0.0011	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	N-Nitrosodi-n-propylamine	0		0.0014	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	N-Nitrosodiphenylamine	0		0.00089	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Pentachlorophenol	0		0.0042	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Phenanthrene	0.027		0.0019	0.0042	1	mg/Kg-dry	0.027	
DPTS-136	HS16051317-38	Phenol	0		0.0014	0.0084	1	mg/Kg-dry	0.0084	U
DPTS-136	HS16051317-38	Pyrene	0.067		0.00077	0.0042	1	mg/Kg-dry	0.067	
DPTS-137	HS16051317-39	Percent Moisture	9.26		0.0100	0.0100	1	wt%	9.26	
DPTS-137	HS16051317-39	1,1,1-Trichloroethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,1,2,2-Tetrachloroethane	0		0.00070	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,1,2-Trichloroethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,1-Dichloroethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,1-Dichloroethene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,2,4-Trichlorobenzene	0		0.00096	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,2-Dibromo-3-chloropropane	0		0.0014	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,2-Dibromoethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,2-Dichlorobenzene	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,2-Dichloroethane	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,2-Dichloropropane	0		0.00070	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,3-Dichlorobenzene	0		0.00096	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	1,4-Dichlorobenzene	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	2-Butanone	0		0.0011	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	2-Hexanone	0		0.0012	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	4-Methyl-2-pentanone	0		0.0017	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	Acetone	0		0.0027	0.017	1	mg/Kg-dry	0.017	UJ
DPTS-137	HS16051317-39	Benzene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Bromodichloromethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Bromoform	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Bromomethane	0		0.00087	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	Carbon disulfide	0		0.00052	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	Carbon tetrachloride	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Chlorobenzene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Chloroethane	0		0.00070	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	Chloroform	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Chloromethane	0		0.00044	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	cis-1,2-Dichloroethene	0		0.00070	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	cis-1,3-Dichloropropene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Cyclohexane	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Dibromochloromethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Dichlorodifluoromethane	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-137	HS16051317-39	Ethylbenzene	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Isopropylbenzene	0		0.00078	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	m,p-Xylene	0		0.0014	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	Methyl acetate	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Methyl tert-butyl ether	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Methylcyclohexane	0		0.0010	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Methylene chloride	0		0.00087	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	o-Xylene	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Styrene	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Tetrachloroethene	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Toluene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	trans-1,2-Dichloroethene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	trans-1,3-Dichloropropene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Trichloroethene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Trichlorofluoromethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-137	HS16051317-39	Vinyl chloride	0		0.00070	0.0017	1	mg/Kg-dry	0.0017	UJ
DPTS-137	HS16051317-39	Xylenes, Total	0		0.0021	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-137	HS16051317-39	1,1'-Biphenyl	0		0.0019	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2,4,5-Trichlorophenol	0		0.0027	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2,4,6-Trichlorophenol	0		0.0019	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2,4-Dichlorophenol	0		0.0014	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2,4-Dimethylphenol	0		0.0036	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2,4-Dinitrophenol	0		0.0049	0.014	1	mg/Kg-dry	0.014	U
DPTS-137	HS16051317-39	2,4-Dinitrotoluene	0		0.00099	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2,6-Dinitrotoluene	0		0.0036	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2-Chloronaphthalene	0		0.0014	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2-Chlorophenol	0		0.0014	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2-Methylnaphthalene	0		0.00055	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	2-Methylphenol	0		0.0012	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2-Nitroaniline	0		0.0021	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	2-Nitrophenol	0		0.0027	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	3&4-Methylphenol	0		0.0011	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	3,3'-Dichlorobenzidine	0		0.0027	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	3-Nitroaniline	0		0.0021	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	4,6-Dinitro-2-methylphenol	0		0.0023	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	4-Bromophenyl phenyl ether	0		0.0018	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	4-Chloro-3-methylphenol	0		0.00077	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	4-Chloroaniline	0		0.0012	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	4-Chlorophenyl phenyl ether	0		0.0016	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	4-Nitroaniline	0		0.0024	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	4-Nitrophenol	0		0.0021	0.014	1	mg/Kg-dry	0.014	U
DPTS-137	HS16051317-39	Acenaphthene	0		0.00055	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Acenaphthylene	0		0.0011	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Acetophenone	0		0.00088	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Anthracene	0		0.00055	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Atrazine	0		0.0022	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Benz(a)anthracene	0		0.0018	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Benzaldehyde	0		0.0013	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Benzo(a)pyrene	0		0.0011	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Benzo(b)fluoranthene	0		0.0013	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Benzo(g,h,i)perylene	0		0.00077	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Benzo(k)fluoranthene	0		0.00099	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Bis(2-chloroethoxy)methane	0		0.00099	0.0072	1	mg/Kg-dry	0.0072	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-137	HS16051317-39	Bis(2-chloroethyl)ether	0		0.0012	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Bis(2-chloroisopropyl)ether	0		0.0015	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Bis(2-ethylhexyl)phthalate	0.010		0.0019	0.0072	1	mg/Kg-dry	0.01	
DPTS-137	HS16051317-39	Butyl benzyl phthalate	0.0053	J	0.0014	0.0072	1	mg/Kg-dry	0.0053	J
DPTS-137	HS16051317-39	Caprolactam	0		0.0013	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Carbazole	0		0.0013	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Chrysene	0		0.00088	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Dibenz(a,h)anthracene	0		0.0018	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Dibenzofuran	0		0.00077	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Diethyl phthalate	0.0019	J	0.0011	0.0072	1	mg/Kg-dry	0.0019	J
DPTS-137	HS16051317-39	Dimethyl phthalate	0		0.00088	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Di-n-butyl phthalate	0.012		0.0013	0.0072	1	mg/Kg-dry	0.012	
DPTS-137	HS16051317-39	Di-n-octyl phthalate	0		0.00099	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Fluoranthene	0		0.0012	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Fluorene	0		0.0012	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Hexachlorobenzene	0		0.00099	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Hexachlorobutadiene	0		0.0013	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Hexachlorocyclopentadiene	0		0.00088	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Hexachloroethane	0		0.0016	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Indeno(1,2,3-cd)pyrene	0		0.00088	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Isophorone	0		0.00088	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Naphthalene	0		0.00066	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Nitrobenzene	0		0.00099	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	N-Nitrosodi-n-propylamine	0		0.0012	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	N-Nitrosodiphenylamine	0		0.00077	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Pentachlorophenol	0		0.0036	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Phenanthrene	0		0.0016	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-137	HS16051317-39	Phenol	0		0.0012	0.0072	1	mg/Kg-dry	0.0072	U
DPTS-137	HS16051317-39	Pyrene	0		0.00066	0.0036	1	mg/Kg-dry	0.0036	U
DPTS-138	HS16051317-40	Percent Moisture	17.6		0.0100	0.0100	1	wt%	17.6	
DPTS-138	HS16051317-40	Aroclor 1016	0		0.0051	0.020	1	mg/Kg-dry	0.02	U
DPTS-138	HS16051317-40	Aroclor 1221	0		0.0068	0.020	1	mg/Kg-dry	0.02	U
DPTS-138	HS16051317-40	Aroclor 1232	0		0.0054	0.020	1	mg/Kg-dry	0.02	U
DPTS-138	HS16051317-40	Aroclor 1242	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-138	HS16051317-40	Aroclor 1248	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-138	HS16051317-40	Aroclor 1254	0		0.0057	0.020	1	mg/Kg-dry	0.02	U
DPTS-138	HS16051317-40	Aroclor 1260	0.020	J	0.0029	0.020	1	mg/Kg-dry	0.02	J
DPTS-139	HS16051317-41	Percent Moisture	7.90		0.0100	0.0100	1	wt%	7.9	
DPTS-139	HS16051317-41	Aroclor 1016	0		0.0045	0.018	1	mg/Kg-dry	0.018	U
DPTS-139	HS16051317-41	Aroclor 1221	0		0.0061	0.018	1	mg/Kg-dry	0.018	U
DPTS-139	HS16051317-41	Aroclor 1232	0		0.0049	0.018	1	mg/Kg-dry	0.018	U
DPTS-139	HS16051317-41	Aroclor 1242	0		0.0064	0.018	1	mg/Kg-dry	0.018	U
DPTS-139	HS16051317-41	Aroclor 1248	0		0.0064	0.018	1	mg/Kg-dry	0.018	U
DPTS-139	HS16051317-41	Aroclor 1254	0		0.0051	0.018	1	mg/Kg-dry	0.018	U
DPTS-139	HS16051317-41	Aroclor 1260	0.021		0.0026	0.018	1	mg/Kg-dry	0.021	
DPTS-140	HS16051317-42	Percent Moisture	17.0		0.0100	0.0100	1	wt%	17	
DPTS-140	HS16051317-42	Aroclor 1016	0		0.0050	0.020	1	mg/Kg-dry	0.02	U
DPTS-140	HS16051317-42	Aroclor 1221	0		0.0067	0.020	1	mg/Kg-dry	0.02	U
DPTS-140	HS16051317-42	Aroclor 1232	0		0.0054	0.020	1	mg/Kg-dry	0.02	U
DPTS-140	HS16051317-42	Aroclor 1242	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-140	HS16051317-42	Aroclor 1248	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-140	HS16051317-42	Aroclor 1254	0		0.0056	0.020	1	mg/Kg-dry	0.02	U
DPTS-140	HS16051317-42	Aroclor 1260	0		0.0029	0.020	1	mg/Kg-dry	0.02	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-141	HS16051317-43	Percent Moisture	20.4		0.0100	0.0100	1	wt%	20.4	
DPTS-141	HS16051317-43	Aroclor 1016	0		0.0053	0.021	1	mg/Kg-dry	0.021	U
DPTS-141	HS16051317-43	Aroclor 1221	0		0.0070	0.021	1	mg/Kg-dry	0.021	U
DPTS-141	HS16051317-43	Aroclor 1232	0		0.0056	0.021	1	mg/Kg-dry	0.021	U
DPTS-141	HS16051317-43	Aroclor 1242	0		0.0074	0.021	1	mg/Kg-dry	0.021	U
DPTS-141	HS16051317-43	Aroclor 1248	0		0.0074	0.021	1	mg/Kg-dry	0.021	U
DPTS-141	HS16051317-43	Aroclor 1254	0		0.0059	0.021	1	mg/Kg-dry	0.021	U
DPTS-141	HS16051317-43	Aroclor 1260	0		0.0030	0.021	1	mg/Kg-dry	0.021	U
DPTS-142	HS16051317-44	Percent Moisture	21.8		0.0100	0.0100	1	wt%	21.8	
DPTS-142	HS16051317-44	Aroclor 1016	0		0.0053	0.021	1	mg/Kg-dry	0.021	U
DPTS-142	HS16051317-44	Aroclor 1221	0		0.0071	0.021	1	mg/Kg-dry	0.021	U
DPTS-142	HS16051317-44	Aroclor 1232	0		0.0057	0.021	1	mg/Kg-dry	0.021	U
DPTS-142	HS16051317-44	Aroclor 1242	0		0.0075	0.021	1	mg/Kg-dry	0.021	U
DPTS-142	HS16051317-44	Aroclor 1248	0		0.0075	0.021	1	mg/Kg-dry	0.021	U
DPTS-142	HS16051317-44	Aroclor 1254	0		0.0060	0.021	1	mg/Kg-dry	0.021	U
DPTS-142	HS16051317-44	Aroclor 1260	0		0.0031	0.021	1	mg/Kg-dry	0.021	U
DPTS-143	HS16051317-45	Percent Moisture	16.9		0.0100	0.0100	1	wt%	16.9	
DPTS-143	HS16051317-45	Aroclor 1016	0		0.0051	0.020	1	mg/Kg-dry	0.02	U
DPTS-143	HS16051317-45	Aroclor 1221	0		0.0067	0.020	1	mg/Kg-dry	0.02	U
DPTS-143	HS16051317-45	Aroclor 1232	0		0.0054	0.020	1	mg/Kg-dry	0.02	U
DPTS-143	HS16051317-45	Aroclor 1242	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-143	HS16051317-45	Aroclor 1248	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-143	HS16051317-45	Aroclor 1254	0		0.0057	0.020	1	mg/Kg-dry	0.02	U
DPTS-143	HS16051317-45	Aroclor 1260	0		0.0029	0.020	1	mg/Kg-dry	0.02	U
DPTS-144	HS16051317-46	Percent Moisture	16.3		0.0100	0.0100	1	wt%	16.3	
DPTS-144	HS16051317-46	Aroclor 1016	0		0.0050	0.020	1	mg/Kg-dry	0.02	U
DPTS-144	HS16051317-46	Aroclor 1221	0		0.0067	0.020	1	mg/Kg-dry	0.02	U
DPTS-144	HS16051317-46	Aroclor 1232	0		0.0054	0.020	1	mg/Kg-dry	0.02	U
DPTS-144	HS16051317-46	Aroclor 1242	0		0.0070	0.020	1	mg/Kg-dry	0.02	U
DPTS-144	HS16051317-46	Aroclor 1248	0		0.0070	0.020	1	mg/Kg-dry	0.02	U
DPTS-144	HS16051317-46	Aroclor 1254	0		0.0056	0.020	1	mg/Kg-dry	0.02	U
DPTS-144	HS16051317-46	Aroclor 1260	0.024	P	0.0029	0.020	1	mg/Kg-dry	0.024	J
DPTS-145	HS16051317-47	Percent Moisture	11.3		0.0100	0.0100	1	wt%	11.3	
DPTS-145	HS16051317-47	Aroclor 1016	0		0.0047	0.019	1	mg/Kg-dry	0.019	U
DPTS-145	HS16051317-47	Aroclor 1221	0		0.0063	0.019	1	mg/Kg-dry	0.019	U
DPTS-145	HS16051317-47	Aroclor 1232	0		0.0051	0.019	1	mg/Kg-dry	0.019	U
DPTS-145	HS16051317-47	Aroclor 1242	0		0.0066	0.019	1	mg/Kg-dry	0.019	U
DPTS-145	HS16051317-47	Aroclor 1248	0		0.0066	0.019	1	mg/Kg-dry	0.019	U
DPTS-145	HS16051317-47	Aroclor 1254	0		0.0053	0.019	1	mg/Kg-dry	0.019	U
DPTS-145	HS16051317-47	Aroclor 1260	0		0.0027	0.019	1	mg/Kg-dry	0.019	U
DPTS-146	HS16051317-48	Percent Moisture	18.6		0.0100	0.0100	1	wt%	18.6	
DPTS-146	HS16051317-48	1,1,1-Trichloroethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,1,2,2-Tetrachloroethane	0		0.00078	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,1,2-Trichloroethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,1-Dichloroethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,1-Dichloroethene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,2,4-Trichlorobenzene	0		0.0011	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,2-Dibromo-3-chloropropane	0		0.0016	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,2-Dibromoethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,2-Dichlorobenzene	0		0.00097	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,2-Dichloroethane	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,2-Dichloropropane	0		0.00078	0.0049	1	mg/Kg-dry	0.0049	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-146	HS16051317-48	1,3-Dichlorobenzene	0		0.0011	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	1,4-Dichlorobenzene	0		0.00097	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	2-Butanone	0		0.0013	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-146	HS16051317-48	2-Hexanone	0		0.0014	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-146	HS16051317-48	4-Methyl-2-pentanone	0		0.0019	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-146	HS16051317-48	Acetone	0		0.0030	0.019	1	mg/Kg-dry	0.019	UJ
DPTS-146	HS16051317-48	Benzene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Bromodichloromethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Bromoform	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Bromomethane	0		0.00097	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-146	HS16051317-48	Carbon disulfide	0		0.00058	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-146	HS16051317-48	Carbon tetrachloride	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Chlorobenzene	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Chloroethane	0		0.00078	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-146	HS16051317-48	Chloroform	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Chloromethane	0		0.00049	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-146	HS16051317-48	cis-1,2-Dichloroethene	0		0.00078	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	cis-1,3-Dichloropropene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Cyclohexane	0		0.00097	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Dibromochloromethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Dichlorodifluoromethane	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Ethylbenzene	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Isopropylbenzene	0		0.00087	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	m,p-Xylene	0		0.0016	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-146	HS16051317-48	Methyl acetate	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Methyl tert-butyl ether	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Methylcyclohexane	0		0.0012	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Methylene chloride	0		0.00097	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-146	HS16051317-48	o-Xylene	0		0.00097	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Styrene	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Tetrachloroethene	0		0.00068	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Toluene	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	trans-1,2-Dichloroethene	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	trans-1,3-Dichloropropene	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Trichloroethene	0		0.00058	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Trichlorofluoromethane	0		0.00049	0.0049	1	mg/Kg-dry	0.0049	UJ
DPTS-146	HS16051317-48	Vinyl chloride	0		0.00078	0.0019	1	mg/Kg-dry	0.0019	UJ
DPTS-146	HS16051317-48	Xylenes, Total	0		0.0023	0.0097	1	mg/Kg-dry	0.0097	UJ
DPTS-147	HS16051317-49	Percent Moisture	19.2		0.0100	0.0100	1	wt%	19.2	
DPTS-147	HS16051317-49	1,1,1-Trichloroethane	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,1,2,2-Tetrachloroethane	0		0.00073	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00064	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,1,2-Trichloroethane	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,1-Dichloroethane	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,1-Dichloroethene	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,2,4-Trichlorobenzene	0		0.0010	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,2-Dibromo-3-chloropropane	0		0.0015	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,2-Dibromoethane	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,2-Dichlorobenzene	0		0.00092	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,2-Dichloroethane	0		0.00055	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,2-Dichloropropene	0		0.00073	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,3-Dichlorobenzene	0		0.0010	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	1,4-Dichlorobenzene	0		0.00092	0.0046	1	mg/Kg-dry	0.0046	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-147	HS16051317-49	2-Butanone	0		0.0012	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	2-Hexanone	0		0.0013	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	4-Methyl-2-pentanone	0		0.0018	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	Acetone	0		0.0028	0.018	1	mg/Kg-dry	0.018	UJ
DPTS-147	HS16051317-49	Benzene	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Bromodichloromethane	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Bromoform	0		0.00055	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Bromomethane	0		0.00092	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	Carbon disulfide	0		0.00055	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	Carbon tetrachloride	0		0.00055	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Chlorobenzene	0		0.00055	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Chloroethane	0		0.00073	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	Chloroform	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Chloromethane	0		0.00046	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	cis-1,2-Dichloroethene	0		0.00073	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	cis-1,3-Dichloropropene	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Cyclohexane	0		0.00092	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Dibromochloromethane	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Dichlorodifluoromethane	0		0.00064	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Ethylbenzene	0		0.00064	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Isopropylbenzene	0		0.00082	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	m,p-Xylene	0		0.0015	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	Methyl acetate	0		0.00064	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Methyl tert-butyl ether	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Methylcyclohexane	0		0.0011	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Methylene chloride	0		0.00092	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	o-Xylene	0		0.00092	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Styrene	0		0.00064	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Tetrachloroethene	0		0.00064	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Toluene	0		0.00055	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	trans-1,2-Dichloroethene	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	trans-1,3-Dichloropropene	0		0.00055	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Trichloroethene	0		0.00055	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Trichlorofluoromethane	0		0.00046	0.0046	1	mg/Kg-dry	0.0046	UJ
DPTS-147	HS16051317-49	Vinyl chloride	0		0.00073	0.0018	1	mg/Kg-dry	0.0018	UJ
DPTS-147	HS16051317-49	Xylenes, Total	0		0.0022	0.0092	1	mg/Kg-dry	0.0092	UJ
DPTS-147	HS16051317-49	1,1'-Biphenyl	0		0.0021	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2,4,5-Trichlorophenol	0		0.0031	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2,4,6-Trichlorophenol	0		0.0021	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2,4-Dichlorophenol	0		0.0016	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2,4-Dimethylphenol	0		0.0041	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2,4-Dinitrophenol	0		0.0055	0.016	1	mg/Kg-dry	0.016	U
DPTS-147	HS16051317-49	2,4-Dinitrotoluene	0		0.0011	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2,6-Dinitrotoluene	0		0.0041	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2-Chloronaphthalene	0		0.0016	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2-Chlorophenol	0		0.0016	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2-Methylnaphthalene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	2-Methylphenol	0		0.0014	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2-Nitroaniline	0		0.0023	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	2-Nitrophenol	0		0.0031	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	3&4-Methylphenol	0		0.0012	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	3,3'-Dichlorobenzidine	0		0.0031	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	3-Nitroaniline	0		0.0023	0.0081	1	mg/Kg-dry	0.0081	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-147	HS16051317-49	4,6-Dinitro-2-methylphenol	0		0.0026	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	4-Bromophenyl phenyl ether	0		0.0020	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	4-Chloro-3-methylphenol	0		0.00086	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	4-Chloroaniline	0		0.0014	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	4-Chlorophenyl phenyl ether	0		0.0018	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	4-Nitroaniline	0		0.0027	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	4-Nitrophenol	0		0.0023	0.016	1	mg/Kg-dry	0.016	U
DPTS-147	HS16051317-49	Acenaphthene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Acenaphthylene	0		0.0012	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Acetophenone	0		0.00098	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Anthracene	0		0.00062	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Atrazine	0		0.0025	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Benz(a)anthracene	0		0.0020	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Benzaldehyde	0		0.0015	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Benzo(a)pyrene	0		0.0012	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Benzo(b)fluoranthene	0		0.0015	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Benzo(g,h,i)perylene	0		0.00086	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Benzo(k)fluoranthene	0		0.0011	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Bis(2-chloroethoxy)methane	0		0.0011	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Bis(2-chloroethyl)ether	0		0.0014	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Bis(2-chloroisopropyl)ether	0		0.0017	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Bis(2-ethylhexyl)phthalate	0.0094		0.0021	0.0081	1	mg/Kg-dry	0.0094	
DPTS-147	HS16051317-49	Butyl benzyl phthalate	0.0026	J	0.0016	0.0081	1	mg/Kg-dry	0.0026	J
DPTS-147	HS16051317-49	Caprolactam	0.011		0.0015	0.0081	1	mg/Kg-dry	0.011	
DPTS-147	HS16051317-49	Carbazole	0		0.0015	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Chrysene	0		0.00098	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Dibenz(a,h)anthracene	0		0.0020	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Dibenzofuran	0		0.00086	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Diethyl phthalate	0.0023	J	0.0012	0.0081	1	mg/Kg-dry	0.0023	J
DPTS-147	HS16051317-49	Dimethyl phthalate	0		0.00098	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Di-n-butyl phthalate	0.012		0.0015	0.0081	1	mg/Kg-dry	0.012	
DPTS-147	HS16051317-49	Di-n-octyl phthalate	0		0.0011	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Fluoranthene	0		0.0014	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Fluorene	0		0.0014	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Hexachlorobenzene	0		0.0011	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Hexachlorobutadiene	0		0.0015	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Hexachlorocyclopentadiene	0		0.00098	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Hexachloroethane	0		0.0018	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Indeno(1,2,3-cd)pyrene	0		0.00098	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Isophorone	0		0.00098	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Naphthalene	0		0.00074	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Nitrobenzene	0		0.0011	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	N-Nitrosodi-n-propylamine	0		0.0014	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	N-Nitrosodiphenylamine	0		0.00086	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Pentachlorophenol	0		0.0041	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Phenanthrene	0		0.0018	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-147	HS16051317-49	Phenol	0		0.0014	0.0081	1	mg/Kg-dry	0.0081	U
DPTS-147	HS16051317-49	Pyrene	0		0.00074	0.0041	1	mg/Kg-dry	0.0041	U
DPTS-148	HS16051317-50	Percent Moisture	11.6		0.0100	0.0100	1	wt%	11.6	
DPTS-148	HS16051317-50	1,1,1-Trichloroethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,1,2,2-Tetrachloroethane	0		0.00070	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,1,2-Trichloroethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ



Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-148	HS16051317-50	1,1-Dichloroethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,1-Dichloroethene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,2,4-Trichlorobenzene	0		0.00096	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,2-Dibromo-3-chloropropane	0		0.0014	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,2-Dibromoethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,2-Dichlorobenzene	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,2-Dichloroethane	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,2-Dichloropropane	0		0.00070	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,3-Dichlorobenzene	0		0.00096	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	1,4-Dichlorobenzene	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	2-Butanone	0		0.0011	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	2-Hexanone	0		0.0012	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	4-Methyl-2-pentanone	0		0.0017	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	Acetone	0		0.0027	0.017	1	mg/Kg-dry	0.017	UJ
DPTS-148	HS16051317-50	Benzene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Bromodichloromethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Bromoform	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Bromomethane	0		0.00087	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	Carbon disulfide	0		0.00052	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	Carbon tetrachloride	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Chlorobenzene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Chloroethane	0		0.00070	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	Chloroform	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Chloromethane	0		0.00044	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	cis-1,2-Dichloroethene	0		0.00070	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	cis-1,3-Dichloropropene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Cyclohexane	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Dibromochloromethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Dichlorodifluoromethane	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Ethylbenzene	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Isopropylbenzene	0		0.00078	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	m,p-Xylene	0		0.0014	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	Methyl acetate	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Methyl tert-butyl ether	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Methylcyclohexane	0		0.0010	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Methylene chloride	0		0.00087	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	o-Xylene	0		0.00087	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Styrene	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Tetrachloroethene	0		0.00061	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Toluene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	trans-1,2-Dichloroethene	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	trans-1,3-Dichloropropene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Trichloroethene	0		0.00052	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Trichlorofluoromethane	0		0.00044	0.0044	1	mg/Kg-dry	0.0044	UJ
DPTS-148	HS16051317-50	Vinyl chloride	0		0.00070	0.0017	1	mg/Kg-dry	0.0017	UJ
DPTS-148	HS16051317-50	Xylenes, Total	0		0.0021	0.0087	1	mg/Kg-dry	0.0087	UJ
DPTS-148	HS16051317-50	1,1'-Biphenyl	0		0.0019	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2,4,5-Trichlorophenol	0		0.0028	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2,4,6-Trichlorophenol	0		0.0019	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2,4-Dichlorophenol	0		0.0015	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2,4-Dimethylphenol	0		0.0037	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2,4-Dinitrophenol	0		0.0051	0.015	1	mg/Kg-dry	0.015	U
DPTS-148	HS16051317-50	2,4-Dinitrotoluene	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-148	HS16051317-50	2,6-Dinitrotoluene	0		0.0037	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2-Chloronaphthalene	0		0.0015	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2-Chlorophenol	0		0.0015	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2-Methylnaphthalene	0		0.00056	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	2-Methylphenol	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2-Nitroaniline	0		0.0021	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	2-Nitrophenol	0		0.0028	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	3&4-Methylphenol	0		0.0011	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	3,3'-Dichlorobenzidine	0		0.0028	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	3-Nitroaniline	0		0.0021	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	4,6-Dinitro-2-methylphenol	0		0.0024	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	4-Bromophenyl phenyl ether	0		0.0018	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	4-Chloro-3-methylphenol	0		0.00079	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	4-Chloroaniline	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	4-Chlorophenyl phenyl ether	0		0.0017	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	4-Nitroaniline	0		0.0025	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	4-Nitrophenol	0		0.0021	0.015	1	mg/Kg-dry	0.015	U
DPTS-148	HS16051317-50	Acenaphthene	0		0.00056	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Acenaphthylene	0		0.0011	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Acetophenone	0		0.00090	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Anthracene	0		0.00056	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Atrazine	0		0.0023	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Benz(a)anthracene	0		0.0018	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Benzaldehyde	0		0.0014	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Benzo(a)pyrene	0		0.0011	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Benzo(b)fluoranthene	0		0.0014	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Benzo(g,h,i)perylene	0		0.00079	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Benzo(k)fluoranthene	0		0.0010	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Bis(2-chloroethoxy)methane	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Bis(2-chloroethyl)ether	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Bis(2-chloroisopropyl)ether	0		0.0016	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Bis(2-ethylhexyl)phthalate	0.011		0.0019	0.0074	1	mg/Kg-dry	0.011	
DPTS-148	HS16051317-50	Butyl benzyl phthalate	0.0067	J	0.0015	0.0074	1	mg/Kg-dry	0.0067	J
DPTS-148	HS16051317-50	Caprolactam	0.018		0.0014	0.0074	1	mg/Kg-dry	0.018	
DPTS-148	HS16051317-50	Carbazole	0		0.0014	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Chrysene	0		0.00090	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Dibenz(a,h)anthracene	0		0.0018	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Dibenzofuran	0		0.00079	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Diethyl phthalate	0.0026	J	0.0011	0.0074	1	mg/Kg-dry	0.0026	J
DPTS-148	HS16051317-50	Dimethyl phthalate	0		0.00090	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Di-n-butyl phthalate	0.012		0.0014	0.0074	1	mg/Kg-dry	0.012	
DPTS-148	HS16051317-50	Di-n-octyl phthalate	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Fluoranthene	0		0.0012	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Fluorene	0		0.0012	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Hexachlorobenzene	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Hexachlorobutadiene	0		0.0014	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Hexachlorocyclopentadiene	0		0.00090	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Hexachloroethane	0		0.0017	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Indeno(1,2,3-cd)pyrene	0		0.00090	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Isophorone	0		0.00090	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Naphthalene	0		0.00068	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Nitrobenzene	0		0.0010	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	N-Nitrosodi-n-propylamine	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-148	HS16051317-50	N-Nitrosodiphenylamine	0		0.00079	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Pentachlorophenol	0		0.0037	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Phenanthrene	0		0.0017	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-148	HS16051317-50	Phenol	0		0.0012	0.0074	1	mg/Kg-dry	0.0074	U
DPTS-148	HS16051317-50	Pyrene	0		0.00068	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Percent Moisture	12.0		0.0100	0.0100	1	wt%	12	
DPTS-149	HS16051317-51	1,1,1-Trichloroethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,1,2,2-Tetrachloroethane	0		0.00072	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,1,2-Trichloroethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,1-Dichloroethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,1-Dichloroethene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,2,4-Trichlorobenzene	0		0.00099	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,2-Dibromo-3-chloropropane	0		0.0014	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,2-Dibromoethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,2-Dichlorobenzene	0		0.00090	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,2-Dichloroethane	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,2-Dichloropropane	0		0.00072	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,3-Dichlorobenzene	0		0.00099	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	1,4-Dichlorobenzene	0		0.00090	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	2-Butanone	0		0.0012	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	2-Hexanone	0		0.0013	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	4-Methyl-2-pentanone	0		0.0018	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	Acetone	0		0.0028	0.018	1	mg/Kg-dry	0.018	UJ
DPTS-149	HS16051317-51	Benzene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Bromodichloromethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Bromoform	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Bromomethane	0		0.00090	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	Carbon disulfide	0		0.00054	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	Carbon tetrachloride	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Chlorobenzene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Chloroethane	0		0.00072	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	Chloroform	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Chloromethane	0		0.00045	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	cis-1,2-Dichloroethene	0		0.00072	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	cis-1,3-Dichloropropene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Cyclohexane	0		0.00090	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Dibromochloromethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Dichlorodifluoromethane	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Ethylbenzene	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Isopropylbenzene	0		0.00081	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	m,p-Xylene	0		0.0014	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	Methyl acetate	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Methyl tert-butyl ether	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Methylcyclohexane	0		0.0011	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Methylene chloride	0		0.00090	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	o-Xylene	0		0.00090	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Styrene	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Tetrachloroethene	0		0.00063	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Toluene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	trans-1,2-Dichloroethene	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	trans-1,3-Dichloropropene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Trichloroethene	0		0.00054	0.0045	1	mg/Kg-dry	0.0045	UJ

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-149	HS16051317-51	Trichlorofluoromethane	0		0.00045	0.0045	1	mg/Kg-dry	0.0045	UJ
DPTS-149	HS16051317-51	Vinyl chloride	0		0.00072	0.0018	1	mg/Kg-dry	0.0018	UJ
DPTS-149	HS16051317-51	Xylenes, Total	0		0.0022	0.0090	1	mg/Kg-dry	0.009	UJ
DPTS-149	HS16051317-51	1,1'-Biphenyl	0		0.0019	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2,4,5-Trichlorophenol	0		0.0028	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2,4,6-Trichlorophenol	0		0.0019	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2,4-Dichlorophenol	0		0.0015	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2,4-Dimethylphenol	0		0.0037	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2,4-Dinitrophenol	0		0.0051	0.015	1	mg/Kg-dry	0.015	U
DPTS-149	HS16051317-51	2,4-Dinitrotoluene	0		0.0010	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2,6-Dinitrotoluene	0		0.0037	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2-Chloronaphthalene	0		0.0015	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2-Chlorophenol	0		0.0015	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2-Methylnaphthalene	0		0.00057	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	2-Methylphenol	0		0.0012	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2-Nitroaniline	0		0.0022	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	2-Nitrophenol	0		0.0028	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	3&4-Methylphenol	0		0.0011	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	3,3'-Dichlorobenzidine	0		0.0028	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	3-Nitroaniline	0		0.0022	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	4,6-Dinitro-2-methylphenol	0		0.0024	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	4-Bromophenyl phenyl ether	0		0.0018	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	4-Chloro-3-methylphenol	0		0.00079	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	4-Chloroaniline	0		0.0012	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	4-Chlorophenyl phenyl ether	0		0.0017	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	4-Nitroaniline	0		0.0025	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	4-Nitrophenol	0		0.0022	0.015	1	mg/Kg-dry	0.015	U
DPTS-149	HS16051317-51	Acenaphthene	0		0.00057	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Acenaphthylene	0		0.0011	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Acetophenone	0		0.00091	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Anthracene	0		0.00057	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Atrazine	0		0.0023	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Benz(a)anthracene	0		0.0018	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Benzaldehyde	0		0.0014	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Benzo(a)pyrene	0		0.0011	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Benzo(b)fluoranthene	0		0.0014	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Benzo(g,h,i)perylene	0		0.00079	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Benzo(k)fluoranthene	0		0.0010	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Bis(2-chloroethoxy)methane	0		0.0010	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Bis(2-chloroethyl)ether	0		0.0012	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Bis(2-chloroisopropyl)ether	0		0.0016	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Bis(2-ethylhexyl)phthalate	0.0073	J	0.0019	0.0075	1	mg/Kg-dry	0.0073	J
DPTS-149	HS16051317-51	Butyl benzyl phthalate	0.0057	J	0.0015	0.0075	1	mg/Kg-dry	0.0057	J
DPTS-149	HS16051317-51	Caprolactam	0.0027	J	0.0014	0.0075	1	mg/Kg-dry	0.0027	J
DPTS-149	HS16051317-51	Carbazole	0		0.0014	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Chrysene	0		0.00091	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Dibenz(a,h)anthracene	0		0.0018	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Dibenzofuran	0		0.00079	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Diethyl phthalate	0		0.0011	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Dimethyl phthalate	0		0.00091	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Di-n-butyl phthalate	0.0078		0.0014	0.0075	1	mg/Kg-dry	0.0078	
DPTS-149	HS16051317-51	Di-n-octyl phthalate	0		0.0010	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Fluoranthene	0		0.0012	0.0037	1	mg/Kg-dry	0.0037	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-149	HS16051317-51	Fluorene	0		0.0012	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Hexachlorobenzene	0		0.0010	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Hexachlorobutadiene	0		0.0014	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Hexachlorocyclopentadiene	0		0.00091	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Hexachloroethane	0		0.0017	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Indeno(1,2,3-cd)pyrene	0		0.00091	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Isophorone	0		0.00091	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Naphthalene	0		0.00068	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Nitrobenzene	0		0.0010	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	N-Nitrosodi-n-propylamine	0		0.0012	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	N-Nitrosodiphenylamine	0		0.00079	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Pentachlorophenol	0		0.0037	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Phenanthrene	0		0.0017	0.0037	1	mg/Kg-dry	0.0037	U
DPTS-149	HS16051317-51	Phenol	0		0.0012	0.0075	1	mg/Kg-dry	0.0075	U
DPTS-149	HS16051317-51	Pyrene	0		0.00068	0.0037	1	mg/Kg-dry	0.0037	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,1,1-Trichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,1,2,2-Tetrachloroethane	0		0.00050	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.0010	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,1,2-Trichloroethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,1-Dichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,1-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,2,4-Trichlorobenzene	0		0.00050	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,2-Dibromo-3-chloropropane	0		0.0010	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,2-Dibromoethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,2-Dichlorobenzene	0		0.00050	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,2-Dichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,2-Dichloropropane	0		0.00050	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,3-Dichlorobenzene	0		0.00040	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	1,4-Dichlorobenzene	0		0.00040	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	2-Butanone	0		0.00050	0.0020	1	mg/L	0.002	U
Trip blank-TSP-05/12/16-03	HS16051317-52	2-Hexanone	0		0.0010	0.0020	1	mg/L	0.002	U
Trip blank-TSP-05/12/16-03	HS16051317-52	4-Methyl-2-pentanone	0		0.00070	0.0020	1	mg/L	0.002	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Acetone	0		0.0020	0.0020	1	mg/L	0.002	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Benzene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Bromodichloromethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Bromoform	0		0.00040	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Bromomethane	0		0.00040	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Carbon disulfide	0		0.00060	0.0020	1	mg/L	0.002	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Carbon tetrachloride	0		0.00050	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Chlorobenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Chloroethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Chloroform	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Chloromethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	cis-1,2-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	cis-1,3-Dichloropropene	0		0.00010	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Cyclohexane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Dibromochloromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Dichlorodifluoromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Ethylbenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Isopropylbenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	m,p-Xylene	0		0.00050	0.0020	1	mg/L	0.002	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Methyl acetate	0		0.0010	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Methyl tert-butyl ether	0		0.00020	0.0010	1	mg/L	0.001	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
Trip blank-TSP-05/12/16-03	HS16051317-52	Methylcyclohexane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Methylene chloride	0		0.0010	0.0020	1	mg/L	0.002	U
Trip blank-TSP-05/12/16-03	HS16051317-52	o-Xylene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Styrene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Tetrachloroethene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Toluene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	trans-1,2-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	trans-1,3-Dichloropropene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Trichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Trichlorofluoromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Vinyl chloride	0		0.00020	0.0010	1	mg/L	0.001	U
Trip blank-TSP-05/12/16-03	HS16051317-52	Xylenes, Total	0		0.00050	0.0030	1	mg/L	0.003	U
DPTS-150	HS16051317-53	Percent Moisture	21.4		0.0100	0.0100	1	wt%	21.4	
DPTS-150	HS16051317-53	Aroclor 1016	0		0.0053	0.021	1	mg/Kg-dry	0.021	U
DPTS-150	HS16051317-53	Aroclor 1221	0		0.0071	0.021	1	mg/Kg-dry	0.021	U
DPTS-150	HS16051317-53	Aroclor 1232	0		0.0057	0.021	1	mg/Kg-dry	0.021	U
DPTS-150	HS16051317-53	Aroclor 1242	0		0.0075	0.021	1	mg/Kg-dry	0.021	U
DPTS-150	HS16051317-53	Aroclor 1248	0		0.0075	0.021	1	mg/Kg-dry	0.021	U
DPTS-150	HS16051317-53	Aroclor 1254	0		0.0060	0.021	1	mg/Kg-dry	0.021	U
DPTS-150	HS16051317-53	Aroclor 1260	1.2		0.015	0.11	5	mg/Kg-dry	1.2	
DPTS-151	HS16051317-54	Percent Moisture	17.3		0.0100	0.0100	1	wt%	17.3	
DPTS-151	HS16051317-54	Aroclor 1016	0		0.0051	0.020	1	mg/Kg-dry	0.02	U
DPTS-151	HS16051317-54	Aroclor 1221	0		0.0067	0.020	1	mg/Kg-dry	0.02	U
DPTS-151	HS16051317-54	Aroclor 1232	0		0.0054	0.020	1	mg/Kg-dry	0.02	U
DPTS-151	HS16051317-54	Aroclor 1242	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-151	HS16051317-54	Aroclor 1248	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-151	HS16051317-54	Aroclor 1254	0		0.0057	0.020	1	mg/Kg-dry	0.02	U
DPTS-151	HS16051317-54	Aroclor 1260	0.045		0.0029	0.020	1	mg/Kg-dry	0.045	
DPTS-152	HS16051317-55	Percent Moisture	19.6		0.0100	0.0100	1	wt%	19.6	
DPTS-152	HS16051317-55	Aroclor 1016	0		0.0052	0.021	1	mg/Kg-dry	0.021	U
DPTS-152	HS16051317-55	Aroclor 1221	0		0.0069	0.021	1	mg/Kg-dry	0.021	U
DPTS-152	HS16051317-55	Aroclor 1232	0		0.0056	0.021	1	mg/Kg-dry	0.021	U
DPTS-152	HS16051317-55	Aroclor 1242	0		0.0073	0.021	1	mg/Kg-dry	0.021	U
DPTS-152	HS16051317-55	Aroclor 1248	0		0.0073	0.021	1	mg/Kg-dry	0.021	U
DPTS-152	HS16051317-55	Aroclor 1254	0		0.0058	0.021	1	mg/Kg-dry	0.021	U
DPTS-152	HS16051317-55	Aroclor 1260	0		0.0030	0.021	1	mg/Kg-dry	0.021	U
DPTS-153	HS16051317-56	Percent Moisture	19.3		0.0100	0.0100	1	wt%	19.3	
DPTS-153	HS16051317-56	Aroclor 1016	0		0.0052	0.021	1	mg/Kg-dry	0.021	U
DPTS-153	HS16051317-56	Aroclor 1221	0		0.0069	0.021	1	mg/Kg-dry	0.021	U
DPTS-153	HS16051317-56	Aroclor 1232	0		0.0056	0.021	1	mg/Kg-dry	0.021	U
DPTS-153	HS16051317-56	Aroclor 1242	0		0.0073	0.021	1	mg/Kg-dry	0.021	U
DPTS-153	HS16051317-56	Aroclor 1248	0		0.0073	0.021	1	mg/Kg-dry	0.021	U
DPTS-153	HS16051317-56	Aroclor 1254	0		0.0058	0.021	1	mg/Kg-dry	0.021	U
DPTS-153	HS16051317-56	Aroclor 1260	0		0.0030	0.021	1	mg/Kg-dry	0.021	U
DPTS-154	HS16051317-57	Percent Moisture	16.2		0.0100	0.0100	1	wt%	16.2	
DPTS-154	HS16051317-57	Aroclor 1016	0		0.0050	0.020	1	mg/Kg-dry	0.02	U
DPTS-154	HS16051317-57	Aroclor 1221	0		0.0067	0.020	1	mg/Kg-dry	0.02	U
DPTS-154	HS16051317-57	Aroclor 1232	0		0.0054	0.020	1	mg/Kg-dry	0.02	U
DPTS-154	HS16051317-57	Aroclor 1242	0		0.0070	0.020	1	mg/Kg-dry	0.02	U
DPTS-154	HS16051317-57	Aroclor 1248	0		0.0070	0.020	1	mg/Kg-dry	0.02	U
DPTS-154	HS16051317-57	Aroclor 1254	0		0.0056	0.020	1	mg/Kg-dry	0.02	U
DPTS-154	HS16051317-57	Aroclor 1260	0		0.0029	0.020	1	mg/Kg-dry	0.02	U
DPTS-155	HS16051317-58	Percent Moisture	18.0		0.0100	0.0100	1	wt%	18	

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Result	Val Qualifier
DPTS-155	HS16051317-58	Aroclor 1016	0		0.0051	0.020	1	mg/Kg-dry	0.02	U
DPTS-155	HS16051317-58	Aroclor 1221	0		0.0068	0.020	1	mg/Kg-dry	0.02	U
DPTS-155	HS16051317-58	Aroclor 1232	0		0.0055	0.020	1	mg/Kg-dry	0.02	U
DPTS-155	HS16051317-58	Aroclor 1242	0		0.0072	0.020	1	mg/Kg-dry	0.02	U
DPTS-155	HS16051317-58	Aroclor 1248	0		0.0072	0.020	1	mg/Kg-dry	0.02	U
DPTS-155	HS16051317-58	Aroclor 1254	0		0.0057	0.020	1	mg/Kg-dry	0.02	U
DPTS-155	HS16051317-58	Aroclor 1260	0		0.0029	0.020	1	mg/Kg-dry	0.02	U
DPTS-156	HS16051317-59	Percent Moisture	17.7		0.0100	0.0100	1	wt%	17.7	
DPTS-156	HS16051317-59	Aroclor 1016	0		0.0051	0.020	1	mg/Kg-dry	0.02	U
DPTS-156	HS16051317-59	Aroclor 1221	0		0.0068	0.020	1	mg/Kg-dry	0.02	U
DPTS-156	HS16051317-59	Aroclor 1232	0		0.0055	0.020	1	mg/Kg-dry	0.02	U
DPTS-156	HS16051317-59	Aroclor 1242	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-156	HS16051317-59	Aroclor 1248	0		0.0071	0.020	1	mg/Kg-dry	0.02	U
DPTS-156	HS16051317-59	Aroclor 1254	0		0.0057	0.020	1	mg/Kg-dry	0.02	U
DPTS-156	HS16051317-59	Aroclor 1260	0		0.0029	0.020	1	mg/Kg-dry	0.02	U
DPTS-157	HS16051317-60	Percent Moisture	16.0		0.0100	0.0100	1	wt%	16	
DPTS-157	HS16051317-60	Aroclor 1016	0		0.0050	0.020	1	mg/Kg-dry	0.02	U
DPTS-157	HS16051317-60	Aroclor 1221	0		0.0066	0.020	1	mg/Kg-dry	0.02	U
DPTS-157	HS16051317-60	Aroclor 1232	0		0.0053	0.020	1	mg/Kg-dry	0.02	U
DPTS-157	HS16051317-60	Aroclor 1242	0		0.0070	0.020	1	mg/Kg-dry	0.02	U
DPTS-157	HS16051317-60	Aroclor 1248	0		0.0070	0.020	1	mg/Kg-dry	0.02	U
DPTS-157	HS16051317-60	Aroclor 1254	0		0.0056	0.020	1	mg/Kg-dry	0.02	U
DPTS-157	HS16051317-60	Aroclor 1260	0		0.0028	0.020	1	mg/Kg-dry	0.02	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,1,1-Trichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,1,2,2-Tetrachloroethane	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,1,2-Trichlor-1,2,2-trifluoroethane	0		0.0010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,1,2-Trichloroethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,1-Dichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,1-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,2,4-Trichlorobenzene	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,2-Dibromo-3-chloropropane	0		0.0010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,2-Dibromoethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,2-Dichlorobenzene	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,2-Dichloroethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,2-Dichloropropane	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,3-Dichlorobenzene	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	1,4-Dichlorobenzene	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	2-Butanone	0		0.00050	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	2-Hexanone	0		0.0010	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	4-Methyl-2-pentanone	0		0.00070	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Acetone	0		0.0020	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Benzene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Bromodichloromethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Bromoform	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Bromomethane	0		0.00040	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Carbon disulfide	0		0.00060	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Carbon tetrachloride	0		0.00050	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Chlorobenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Chloroethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Chloroform	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Chloromethane	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	cis-1,2-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	cis-1,3-Dichloropropene	0		0.00010	0.0010	1	mg/L	0.001	U

Smple ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Reult	Vall Qualifier
Trip Blank-TSP-5/12/16-04	HS16051317-61	Cyclohexane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Dibromochloromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Dichlorodifluoromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Ethylbenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Isopropylbenzene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	m,p-Xylene	0		0.00050	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Methyl acetate	0		0.0010	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Methyl tert-butyl ether	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Methylcyclohexane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Methylene chloride	0		0.0010	0.0020	1	mg/L	0.002	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	o-Xylene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Styrene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Tetrachloroethene	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Toluene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	trans-1,2-Dichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	trans-1,3-Dichloropropene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Trichloroethene	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Trichlorofluoromethane	0		0.00030	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Vinyl chloride	0		0.00020	0.0010	1	mg/L	0.001	U
Trip Blank-TSP-5/12/16-04	HS16051317-61	Xylenes, Total	0		0.00050	0.0030	1	mg/L	0.003	U



Sample ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Results	Val. Qualifiers
DPTS-158	HS16051515-01	Percent Moisture	19.1		0.0100	0.0100	1	wt%	19.1	
DPTS-158	HS16051515-01	Aroclor 1016	0		5.2	21	1	ug/Kg-dry	21	U
DPTS-158	HS16051515-01	Aroclor 1221	0		6.9	21	1	ug/Kg-dry	21	U
DPTS-158	HS16051515-01	Aroclor 1232	0		5.6	21	1	ug/Kg-dry	21	U
DPTS-158	HS16051515-01	Aroclor 1242	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-158	HS16051515-01	Aroclor 1248	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-158	HS16051515-01	Aroclor 1254	0		5.8	21	1	ug/Kg-dry	21	U
DPTS-158	HS16051515-01	Aroclor 1260	110		3.0	21	1	ug/Kg-dry	110	
DPTS-159	HS16051515-02	Percent Moisture	21.0		0.0100	0.0100	1	wt%	21	
DPTS-159	HS16051515-02	Aroclor 1016	0		5.3	21	1	ug/Kg-dry	21	U
DPTS-159	HS16051515-02	Aroclor 1221	0		7.1	21	1	ug/Kg-dry	21	U
DPTS-159	HS16051515-02	Aroclor 1232	0		5.7	21	1	ug/Kg-dry	21	U
DPTS-159	HS16051515-02	Aroclor 1242	0		7.4	21	1	ug/Kg-dry	21	U
DPTS-159	HS16051515-02	Aroclor 1248	0		7.4	21	1	ug/Kg-dry	21	U
DPTS-159	HS16051515-02	Aroclor 1254	0		5.9	21	1	ug/Kg-dry	21	U
DPTS-159	HS16051515-02	Aroclor 1260	0		3.0	21	1	ug/Kg-dry	21	U
DPTS-160	HS16051515-03	Percent Moisture	18.4		0.0100	0.0100	1	wt%	18.4	
DPTS-160	HS16051515-03	Aroclor 1016	0		5.1	20	1	ug/Kg-dry	20	U
DPTS-160	HS16051515-03	Aroclor 1221	0		6.8	20	1	ug/Kg-dry	20	U
DPTS-160	HS16051515-03	Aroclor 1232	0		5.5	20	1	ug/Kg-dry	20	U
DPTS-160	HS16051515-03	Aroclor 1242	0		7.2	20	1	ug/Kg-dry	20	U
DPTS-160	HS16051515-03	Aroclor 1248	0		7.2	20	1	ug/Kg-dry	20	U
DPTS-160	HS16051515-03	Aroclor 1254	0		5.7	20	1	ug/Kg-dry	20	U
DPTS-160	HS16051515-03	Aroclor 1260	0		2.9	20	1	ug/Kg-dry	20	U
DPTS-161	HS16051515-04	Percent Moisture	18.3		0.0100	0.0100	1	wt%	18.3	
DPTS-161	HS16051515-04	Aroclor 1016	0		5.1	20	1	ug/Kg-dry	20	U
DPTS-161	HS16051515-04	Aroclor 1221	0		6.8	20	1	ug/Kg-dry	20	U
DPTS-161	HS16051515-04	Aroclor 1232	0		5.5	20	1	ug/Kg-dry	20	U
DPTS-161	HS16051515-04	Aroclor 1242	0		7.2	20	1	ug/Kg-dry	20	U
DPTS-161	HS16051515-04	Aroclor 1248	0		7.2	20	1	ug/Kg-dry	20	U
DPTS-161	HS16051515-04	Aroclor 1254	0		5.7	20	1	ug/Kg-dry	20	U
DPTS-161	HS16051515-04	Aroclor 1260	0		2.9	20	1	ug/Kg-dry	20	U
DPTS-162	HS16051515-05	Percent Moisture	13.3		0.0100	0.0100	1	wt%	13.3	
DPTS-162	HS16051515-05	Aroclor 1016	0		4.8	19	1	ug/Kg-dry	19	U
DPTS-162	HS16051515-05	Aroclor 1221	0		6.4	19	1	ug/Kg-dry	19	U
DPTS-162	HS16051515-05	Aroclor 1232	0		5.2	19	1	ug/Kg-dry	19	U
DPTS-162	HS16051515-05	Aroclor 1242	0		6.8	19	1	ug/Kg-dry	19	U
DPTS-162	HS16051515-05	Aroclor 1248	0		6.8	19	1	ug/Kg-dry	19	U
DPTS-162	HS16051515-05	Aroclor 1254	0		5.4	19	1	ug/Kg-dry	19	U
DPTS-162	HS16051515-05	Aroclor 1260	0		2.8	19	1	ug/Kg-dry	19	U
DPTS-163	HS16051515-06	Percent Moisture	13.3		0.0100	0.0100	1	wt%	13.3	
DPTS-163	HS16051515-06	Aroclor 1016	0		4.8	19	1	ug/Kg-dry	19	U
DPTS-163	HS16051515-06	Aroclor 1221	0		6.4	19	1	ug/Kg-dry	19	U
DPTS-163	HS16051515-06	Aroclor 1232	0		5.2	19	1	ug/Kg-dry	19	U

Sample ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Results	Val. Qualifiers
DPTS-163	HS16051515-06	Aroclor 1242	0		6.8	19	1	ug/Kg-dry	19	U
DPTS-163	HS16051515-06	Aroclor 1248	0		6.8	19	1	ug/Kg-dry	19	U
DPTS-163	HS16051515-06	Aroclor 1254	0		5.4	19	1	ug/Kg-dry	19	U
DPTS-163	HS16051515-06	Aroclor 1260	0		2.8	19	1	ug/Kg-dry	19	U
DPTS-164	HS16051515-07	Percent Moisture	19.7		0.0100	0.0100	1	wt%	19.7	
DPTS-164	HS16051515-07	Aroclor 1016	0		5.2	21	1	ug/Kg-dry	21	U
DPTS-164	HS16051515-07	Aroclor 1221	0		7.0	21	1	ug/Kg-dry	21	U
DPTS-164	HS16051515-07	Aroclor 1232	0		5.6	21	1	ug/Kg-dry	21	U
DPTS-164	HS16051515-07	Aroclor 1242	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-164	HS16051515-07	Aroclor 1248	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-164	HS16051515-07	Aroclor 1254	0		5.8	21	1	ug/Kg-dry	21	U
DPTS-164	HS16051515-07	Aroclor 1260	0		3.0	21	1	ug/Kg-dry	21	U
DPTS-165	HS16051515-08	Percent Moisture	16.6		0.0100	0.0100	1	wt%	16.6	
DPTS-165	HS16051515-08	Aroclor 1016	0		5.0	20	1	ug/Kg-dry	20	U
DPTS-165	HS16051515-08	Aroclor 1221	0		6.7	20	1	ug/Kg-dry	20	U
DPTS-165	HS16051515-08	Aroclor 1232	0		5.4	20	1	ug/Kg-dry	20	U
DPTS-165	HS16051515-08	Aroclor 1242	0		7.1	20	1	ug/Kg-dry	20	U
DPTS-165	HS16051515-08	Aroclor 1248	0		7.1	20	1	ug/Kg-dry	20	U
DPTS-165	HS16051515-08	Aroclor 1254	0		5.6	20	1	ug/Kg-dry	20	U
DPTS-165	HS16051515-08	Aroclor 1260	0		2.9	20	1	ug/Kg-dry	20	U
DPTS-167	HS16051515-09	Percent Moisture	19.9		0.0100	0.0100	1	wt%	19.9	
DPTS-167	HS16051515-09	Aroclor 1016	0		5.2	21	1	ug/Kg-dry	21	U
DPTS-167	HS16051515-09	Aroclor 1221	0		7.0	21	1	ug/Kg-dry	21	U
DPTS-167	HS16051515-09	Aroclor 1232	0		5.6	21	1	ug/Kg-dry	21	U
DPTS-167	HS16051515-09	Aroclor 1242	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-167	HS16051515-09	Aroclor 1248	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-167	HS16051515-09	Aroclor 1254	0		5.8	21	1	ug/Kg-dry	21	U
DPTS-167	HS16051515-09	Aroclor 1260	0		3.0	21	1	ug/Kg-dry	21	U
DPTS-166	HS16051515-10	Percent Moisture	4.73		0.0100	0.0100	1	wt%	4.73	
DPTS-166	HS16051515-10	Aroclor 1016	0		4.4	17	1	ug/Kg-dry	17	U
DPTS-166	HS16051515-10	Aroclor 1221	0		5.8	17	1	ug/Kg-dry	17	U
DPTS-166	HS16051515-10	Aroclor 1232	0		4.7	17	1	ug/Kg-dry	17	U
DPTS-166	HS16051515-10	Aroclor 1242	0		6.2	17	1	ug/Kg-dry	17	U
DPTS-166	HS16051515-10	Aroclor 1248	0		6.2	17	1	ug/Kg-dry	17	U
DPTS-166	HS16051515-10	Aroclor 1254	0		4.9	17	1	ug/Kg-dry	17	U
DPTS-166	HS16051515-10	Aroclor 1260	0		2.5	17	1	ug/Kg-dry	17	U
DPTS-168	HS16051515-11	Percent Moisture	19.2		0.0100	0.0100	1	wt%	19.2	
DPTS-168	HS16051515-11	Aroclor 1016	0		5.2	21	1	ug/Kg-dry	21	U
DPTS-168	HS16051515-11	Aroclor 1221	0		6.9	21	1	ug/Kg-dry	21	U
DPTS-168	HS16051515-11	Aroclor 1232	0		5.5	21	1	ug/Kg-dry	21	U
DPTS-168	HS16051515-11	Aroclor 1242	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-168	HS16051515-11	Aroclor 1248	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-168	HS16051515-11	Aroclor 1254	0		5.8	21	1	ug/Kg-dry	21	U
DPTS-168	HS16051515-11	Aroclor 1260	0		3.0	21	1	ug/Kg-dry	21	U

Sample ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Results	Val. Qualifiers
DPTS-169	HS16051515-12	Percent Moisture	18.9		0.0100	0.0100	1	wt%	18.9	
DPTS-169	HS16051515-12	Aroclor 1016	0		5.2	21	1	ug/Kg-dry	21	U
DPTS-169	HS16051515-12	Aroclor 1221	0		6.9	21	1	ug/Kg-dry	21	U
DPTS-169	HS16051515-12	Aroclor 1232	0		5.5	21	1	ug/Kg-dry	21	U
DPTS-169	HS16051515-12	Aroclor 1242	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-169	HS16051515-12	Aroclor 1248	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-169	HS16051515-12	Aroclor 1254	0		5.8	21	1	ug/Kg-dry	21	U
DPTS-169	HS16051515-12	Aroclor 1260	0		3.0	21	1	ug/Kg-dry	21	U
DPTS-170	HS16051515-13	Percent Moisture	26.5		0.0100	0.0100	1	wt%	26.5	
DPTS-170	HS16051515-13	Aroclor 1016	0		5.7	23	1	ug/Kg-dry	23	U
DPTS-170	HS16051515-13	Aroclor 1221	0		7.6	23	1	ug/Kg-dry	23	U
DPTS-170	HS16051515-13	Aroclor 1232	0		6.1	23	1	ug/Kg-dry	23	U
DPTS-170	HS16051515-13	Aroclor 1242	0		8.0	23	1	ug/Kg-dry	23	U
DPTS-170	HS16051515-13	Aroclor 1248	0		8.0	23	1	ug/Kg-dry	23	U
DPTS-170	HS16051515-13	Aroclor 1254	0		6.4	23	1	ug/Kg-dry	23	U
DPTS-170	HS16051515-13	Aroclor 1260	0		3.3	23	1	ug/Kg-dry	23	U
DPTS-171	HS16051515-14	Percent Moisture	14.6		0.0100	0.0100	1	wt%	14.6	
DPTS-171	HS16051515-14	Aroclor 1016	0		4.9	20	1	ug/Kg-dry	20	U
DPTS-171	HS16051515-14	Aroclor 1221	0		6.5	20	1	ug/Kg-dry	20	U
DPTS-171	HS16051515-14	Aroclor 1232	0		5.3	20	1	ug/Kg-dry	20	U
DPTS-171	HS16051515-14	Aroclor 1242	0		6.9	20	1	ug/Kg-dry	20	U
DPTS-171	HS16051515-14	Aroclor 1248	0		6.9	20	1	ug/Kg-dry	20	U
DPTS-171	HS16051515-14	Aroclor 1254	0		5.5	20	1	ug/Kg-dry	20	U
DPTS-171	HS16051515-14	Aroclor 1260	0		2.8	20	1	ug/Kg-dry	20	U
DPTS-172	HS16051515-15	Percent Moisture	19.1		0.0100	0.0100	1	wt%	19.1	
DPTS-172	HS16051515-15	Aroclor 1016	0		5.2	21	1	ug/Kg-dry	21	U
DPTS-172	HS16051515-15	Aroclor 1221	0		6.9	21	1	ug/Kg-dry	21	U
DPTS-172	HS16051515-15	Aroclor 1232	0		5.6	21	1	ug/Kg-dry	21	U
DPTS-172	HS16051515-15	Aroclor 1242	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-172	HS16051515-15	Aroclor 1248	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-172	HS16051515-15	Aroclor 1254	0		5.8	21	1	ug/Kg-dry	21	U
DPTS-172	HS16051515-15	Aroclor 1260	0		3.0	21	1	ug/Kg-dry	21	U
DPTS-173	HS16051515-16	Percent Moisture	12.9		0.0100	0.0100	1	wt%	12.9	
DPTS-173	HS16051515-16	Aroclor 1016	0		4.8	19	1	ug/Kg-dry	19	U
DPTS-173	HS16051515-16	Aroclor 1221	0		6.4	19	1	ug/Kg-dry	19	U
DPTS-173	HS16051515-16	Aroclor 1232	0		5.2	19	1	ug/Kg-dry	19	U
DPTS-173	HS16051515-16	Aroclor 1242	0		6.8	19	1	ug/Kg-dry	19	U
DPTS-173	HS16051515-16	Aroclor 1248	0		6.8	19	1	ug/Kg-dry	19	U
DPTS-173	HS16051515-16	Aroclor 1254	0		5.4	19	1	ug/Kg-dry	19	U
DPTS-173	HS16051515-16	Aroclor 1260	0		2.7	19	1	ug/Kg-dry	19	U
DPTS-174	HS16051515-17	Percent Moisture	18.9		0.0100	0.0100	1	wt%	18.9	
DPTS-174	HS16051515-17	Aroclor 1016	0		5.2	21	1	ug/Kg-dry	21	U
DPTS-174	HS16051515-17	Aroclor 1221	0		6.9	21	1	ug/Kg-dry	21	U
DPTS-174	HS16051515-17	Aroclor 1232	0		5.5	21	1	ug/Kg-dry	21	U

Sample ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Results	Val. Qualifiers
DPTS-174	HS16051515-17	Aroclor 1242	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-174	HS16051515-17	Aroclor 1248	0		7.3	21	1	ug/Kg-dry	21	U
DPTS-174	HS16051515-17	Aroclor 1254	0		5.8	21	1	ug/Kg-dry	21	U
DPTS-174	HS16051515-17	Aroclor 1260	0		2.9	21	1	ug/Kg-dry	21	U

Sample ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Results	Val. Qualifiers
DPTGW-101	HS16051527-01	Aroclor 1016	0		0.100	0.500	1	ug/L	0.5	U
DPTGW-101	HS16051527-01	Aroclor 1221	0		0.500	0.500	1	ug/L	0.5	U
DPTGW-101	HS16051527-01	Aroclor 1232	0		0.500	0.500	1	ug/L	0.5	U
DPTGW-101	HS16051527-01	Aroclor 1242	0		0.500	0.500	1	ug/L	0.5	U
DPTGW-101	HS16051527-01	Aroclor 1248	0		0.500	0.500	1	ug/L	0.5	U
DPTGW-101	HS16051527-01	Aroclor 1254	0		0.500	0.500	1	ug/L	0.5	U
DPTGW-101	HS16051527-01	Aroclor 1260	0		0.100	0.500	1	ug/L	0.5	U
EB-1	HS16051527-02	Aroclor 1016	0		0.100	0.500	1	ug/L	0.5	U
EB-1	HS16051527-02	Aroclor 1221	0		0.500	0.500	1	ug/L	0.5	U
EB-1	HS16051527-02	Aroclor 1232	0		0.500	0.500	1	ug/L	0.5	U
EB-1	HS16051527-02	Aroclor 1242	0		0.500	0.500	1	ug/L	0.5	U
EB-1	HS16051527-02	Aroclor 1248	0		0.500	0.500	1	ug/L	0.5	U
EB-1	HS16051527-02	Aroclor 1254	0		0.500	0.500	1	ug/L	0.5	U
EB-1	HS16051527-02	Aroclor 1260	0		0.100	0.500	1	ug/L	0.5	U
EB-1	HS16051527-02	1,1,1-Trichloroethane	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,1,2,2-Tetrachloroethane	0		0.50	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,1,2-Trichlor-1,2,2-trifluoroethane	0		1.0	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,1,2-Trichloroethane	0		0.30	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,1-Dichloroethane	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,1-Dichloroethene	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,2,4-Trichlorobenzene	0		0.50	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,2-Dibromo-3-chloropropane	0		1.0	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,2-Dibromoethane	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,2-Dichlorobenzene	0		0.50	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,2-Dichloroethane	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,2-Dichloropropane	0		0.50	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,3-Dichlorobenzene	0		0.40	1.0	1	ug/L	1	U
EB-1	HS16051527-02	1,4-Dichlorobenzene	0		0.40	1.0	1	ug/L	1	U
EB-1	HS16051527-02	2-Butanone	0		0.50	2.0	1	ug/L	2	U
EB-1	HS16051527-02	2-Hexanone	0		1.0	2.0	1	ug/L	2	U
EB-1	HS16051527-02	4-Methyl-2-pentanone	0		0.70	2.0	1	ug/L	2	U
EB-1	HS16051527-02	Acetone	0		2.0	2.0	1	ug/L	2	U
EB-1	HS16051527-02	Benzene	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Bromodichloromethane	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Bromoform	0		0.40	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Bromomethane	0		0.40	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Carbon disulfide	0		0.60	2.0	1	ug/L	2	U
EB-1	HS16051527-02	Carbon tetrachloride	0		0.50	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Chlorobenzene	0		0.30	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Chloroethane	0		0.30	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Chloroform	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Chloromethane	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	cis-1,2-Dichloroethene	0		0.20	1.0	1	ug/L	1	U
EB-1	HS16051527-02	cis-1,3-Dichloropropene	0		0.10	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Cyclohexane	0		0.30	1.0	1	ug/L	1	U
EB-1	HS16051527-02	Dibromochloromethane	0		0.30	1.0	1	ug/L	1	U

Sample ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Results	Val. Qualifiers
EB-1	HS16051527-02	Dichlorodifluoromethane	0		0.30	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Ethylbenzene	0		0.30	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Isopropylbenzene	0		0.30	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	m,p-Xylene	0		0.50	2.0	1	ug/L	2 U	
EB-1	HS16051527-02	Methyl acetate	0		1.0	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Methyl tert-butyl ether	0		0.20	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Methylcyclohexane	0		0.30	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Methylene chloride	0		1.0	2.0	1	ug/L	2 U	
EB-1	HS16051527-02	o-Xylene	0		0.30	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Styrene	0		0.30	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Tetrachloroethene	0		0.30	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Toluene	0		0.20	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	trans-1,2-Dichloroethene	0		0.20	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	trans-1,3-Dichloropropene	0		0.20	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Trichloroethene	0		0.20	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Trichlorofluoromethane	0		0.30	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Vinyl chloride	0		0.20	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Xylenes, Total	0		0.50	3.0	1	ug/L	3 U	
EB-1	HS16051527-02	1,1'-Biphenyl	0		0.024	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2,4,5-Trichlorophenol	0		0.057	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2,4,6-Trichlorophenol	0		0.048	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2,4-Dichlorophenol	0		0.043	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2,4-Dimethylphenol	0		0.040	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2,4-Dinitrophenol	0		0.10	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	2,4-Dinitrotoluene	0		0.058	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2,6-Dinitrotoluene	0		0.042	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2-Chloronaphthalene	0		0.021	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2-Chlorophenol	0		0.036	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2-Methylnaphthalene	0		0.019	0.10	1	ug/L	0.1 U	
EB-1	HS16051527-02	2-Methylphenol	0		0.045	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2-Nitroaniline	0		0.041	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	2-Nitrophenol	0		0.034	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	3&4-Methylphenol	0		0.036	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	3,3'-Dichlorobenzidine	0		0.044	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	3-Nitroaniline	0		0.049	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	4,6-Dinitro-2-methylphenol	0		0.020	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	4-Bromophenyl phenyl ether	0		0.051	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	4-Chloro-3-methylphenol	0		0.032	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	4-Chloroaniline	0		0.039	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	4-Chlorophenyl phenyl ether	0		0.044	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	4-Nitroaniline	0		0.035	0.20	1	ug/L	0.2 U	
EB-1	HS16051527-02	4-Nitrophenol	0		0.047	1.0	1	ug/L	1 U	
EB-1	HS16051527-02	Acenaphthene	0		0.027	0.10	1	ug/L	0.1 U	
EB-1	HS16051527-02	Acenaphthylene	0		0.015	0.10	1	ug/L	0.1 U	
EB-1	HS16051527-02	Acetophenone	0.091	J	0.024	0.20	1	ug/L	0.091	J
EB-1	HS16051527-02	Anthracene	0		0.014	0.10	1	ug/L	0.1 U	

Sample ID	Lab ID	Analyte	Lab Result	Lab Qualifier	DL	RL	DF	Units	Val. Results	Val. Qualifiers
EB-1	HS16051527-02	Atrazine	0		0.033	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Benz(a)anthracene	0		0.050	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Benzaldehyde	0.38		0.030	0.20	1	ug/L	0.38	
EB-1	HS16051527-02	Benzo(a)pyrene	0		0.020	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Benzo(b)fluoranthene	0		0.023	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Benzo(g,h,i)perylene	0		0.014	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Benzo(k)fluoranthene	0		0.019	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Bis(2-chloroethoxy)methane	0		0.030	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Bis(2-chloroethyl)ether	0		0.026	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Bis(2-chloroisopropyl)ether	0		0.070	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Bis(2-ethylhexyl)phthalate	0.070	J	0.037	0.20	1	ug/L	0.07	J
EB-1	HS16051527-02	Butyl benzyl phthalate	0		0.019	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Caprolactam	0		0.045	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Carbazole	0		0.025	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Chrysene	0		0.021	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Dibenz(a,h)anthracene	0		0.024	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Dibenzofuran	0		0.020	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Diethyl phthalate	0		0.030	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Dimethyl phthalate	0		0.041	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Di-n-butyl phthalate	0.041	J	0.020	0.20	1	ug/L	0.041	J
EB-1	HS16051527-02	Di-n-octyl phthalate	0		0.020	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Fluoranthene	0		0.010	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Fluorene	0		0.030	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Hexachlorobenzene	0		0.044	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Hexachlorobutadiene	0		0.030	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Hexachlorocyclopentadiene	0		0.030	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Hexachloroethane	0		0.059	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Indeno(1,2,3-cd)pyrene	0		0.022	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Isophorone	0		0.025	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Naphthalene	0.030	J	0.020	0.10	1	ug/L	0.03	J
EB-1	HS16051527-02	Nitrobenzene	0		0.024	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	N-Nitrosodi-n-propylamine	0		0.032	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	N-Nitrosodiphenylamine	0		0.025	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Pentachlorophenol	0		0.079	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Phenanthrene	0		0.021	0.10	1	ug/L	0.1	U
EB-1	HS16051527-02	Phenol	0		0.035	0.20	1	ug/L	0.2	U
EB-1	HS16051527-02	Pyrene	0		0.019	0.10	1	ug/L	0.1	U