WASTE PIT AREA SOIL EXCAVATION REPORT

HOFF VC HSCA SITE
New Hanover Township
Montgomery County, Pennsylvania

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1.0 INTRODUCTION

This report documents activities related to the excavation of contaminated soil as conducted for the Pennsylvania Department of Environmental Protection (PADEP) at the Hoff Vinyl Chloride (VC) Hazardous Sites Cleanup Act (HSCA) Site located in New Hanover Township, Montgomery County, Pennsylvania. The work was performed under the Interim Response and Remediation Service Contract 7 (IRRSC7) SAP#40000191261, contract requisition number IRRSC7-1-319. Tetra Tech, Inc. (Tetra Tech) performed this work in response to the Scope of Work (SOW) dated August 10, 2017, and in accordance with the approved Site Work Plan dated August 14, 2017.

1.1 SITE LOCATION

The Hoff VC HSCA Site ("the Site" or "Site") is located in New Hanover Township, Montgomery County, Pennsylvania at 334 Layfield Road (Figure 1). The Site is within a primarily rural portion of Pennsylvania approximately 40 miles north-northwest (NNW) of Philadelphia. The Site is in a watershed of an unnamed tributary of Swamp Creek that runs through the middle of the former Good Oil property from north-northeast (NNE) to south-southwest (SSW), and connects with Swamp Creek approximately 1 mile downstream of the Site.

1.2 SITE DESCRIPTION AND HISTORY

Since the 1960s to the mid-1990s, various operators have utilized trichloroethene (TCE) to wash and degrease trucks on the former Good Oil property. Wash water containing volatile organic compounds (VOCs) was released to the land surface and flowed toward an unnamed tributary of Swamp Creek and along facility roads to the southeast, away from the truck washing area. These uncontrolled releases have acted as a long-term source of VOC contamination and artificial recharge to the fractured bedrock aquifer system.

1.3 PREVIOUS INVESTIGATIONS

VOC, Semi-volatile organic compound (SVOC), and 1,4-Dixoane contamination is present in groundwater at the Site (Site contaminants). PADEP has investigated the nature and extent of these contaminants in groundwater at the Site. Monitoring wells located on the former Good Oil property exhibit the highest concentrations observed at the Site while monitoring wells located off the (Good Oil) property generally exhibit lower concentrations of contaminants. Several private potable wells located on neighboring properties have been impacted with concentrations above PADEP's Act 2 Medium-Specific Concentrations (MSCs). Residences with contaminated wells were placed on public water (Leidos, August 2014). The Site's hydrogeology and groundwater quality have been documented by numerous bedrock borings and

monitoring wells that have been installed during previous investigations. However, none of these investigations had previously identified the onsite source area of contamination (Leidos, August 2014).

In 2016 PADEP was informed of, and confirmed, the existence of an underground concrete waste pit (waste pit) approximately 40 feet (ft.) long, 5 ft. wide, and 10 ft. deep at the northwestern portion of Site, near the Site's main building. Black liquid and a petroleum-like odor was observed in the waste pit. However, information about the waste pit's integrity was not known upon discovery. Therefore, PADEP directed Tetra Tech to investigate the waste pit and the surrounding soils to determine if it was a source of soil and groundwater contamination.

In July 2016 on behalf of PADEP, Tetra Tech subcontracted TPI, Inc. (TPI) to perform surface geophysics and Geoprobe® Direct Push Technology (DPT) drilling. Underground utilities were marked out during a geophysical survey that was performed at the Site and an underground pipe was identified leading from the main building to the waste pit (Appendix A). Historical information references the washing of trucks with materials containing VOCs at the nearby building. Associated piping leading to the waste pit implicates this as a potential source area for Site groundwater contamination. On July 25, 2016 PADEP and Tetra Tech conducted an initial soil boring investigation at the waste pit area and eleven soil borings (SB-03 through SB-11) were drilled and soil macro cores were screened with a Photoionization Detector (PID). Soil samples were taken from suspected depths using odor, staining, and PID readings as a trigger for collecting samples. In only one location (SB-03) high PID readings, black staining and odors were observed. PADEP provided the appropriate bottleware and the laboratory analyses was performed by Pennsylvania's Bureau of Laboratories (BOL). Locations of soil borings and soil sample MSCs exceedances from July 2016 are presented in Figure 2.

In August 2016, liquid in the waste pit was sampled and the analytical results revealed detections of VOCs as well as concentrations of several metals and pesticides. Based on these results, the liquid was classified as a hazardous waste.

On September 8th and 9th, 2016, the hazardous waste liquid was removed (3,900 gallons) from the waste pit and disposed of by Tetra Tech's subcontractor, Lewis Environmental. Approximately one foot of sludge and sediment was left at the bottom of the waste pit. This sludge was sampled in September 16, 2016 (results presented in Appendix D), and removed in early December 2016 by Tetra Tech's subcontractor, Elk Environmental. After the sludge was removed, it was observed that, over time, liquid was returning to the waste pit via one of several pipe openings located near the bottom of the sidewall of the waste pit. An additional pipe was also observed at the other end of the waste pit.

In December 2016 an additional soil sampling event was performed to close the data gaps from the previous investigation and follow the suspect piping adjacent to the waste pit. TPI drilled eight soil borings in new locations (SB-13 through SB-20) and one soil boring location was repeated at SB-03. SB-03 was subsequently converted to temporary well TW-03 (Figure 2). As previously observed, a strong odor, staining, and high PID readings were observed in SB-03. Besides the SB-03/TW-03 location, slight odor, staining and low PID readings were observed at the SB-15 boring location. Soil boring samples and temporary well sample analytical results are presented in Tables 1, 2, 3, and 4 of this report.

PADEP determined it was most appropriate to excavate the impacted soils adjacent to the waste pit and along the suspected pipes extending to the nearby main building. Piping was estimated at approximately 120 linear ft. between the waste pit and the building. In August 2017 Tetra Tech proposed a budget and Scope of Work (SOW) for the excavation of contaminated soils and waste pit cleanout. Tetra Tech prepared bid packages and released them for quotes to remedial subcontractors. Lewis Environmental (Lewis) was awarded to the excavation and waste disposal work.

1.4 SCOPE OF WORK

1.4.1 Scope of Work

The SOW dated August 10, 2017 included the following items:

- Attend a Site scoping meeting and site visit. The meeting and visit were conducted July 6, 2017.
- Collect and review existing Site information which may be relevant to the scoping of the investigation.
- Prepare bid packages including bid walk, bid reviews, and a summary memo recommending of technology to be used and vendor.
- Coordinate and oversee Site preparation – mobilization of subcontractor personnel, equipment, supplies, and communication with PADEP and owner/tenant of Site property.
- Provide supervision for overall excavation activities at Site, conduct screening and sampling, keep records of work progress and quantities of wastes generated.
- Survey limits of excavation and sampling points with a global positioning system (GPS) to produce a scaled base map to illustrate extent of excavation, sample locations and post the analytical results.

- Prepare summary report including chronology text description of excavation activities from gathered GPS survey. Generate Site maps presenting excavation and sampling details, compile and tabulate analytical laboratory data from previous and present soil sampling for comparison.

2.0 FIELD INVESTIGATION

The soil excavation at the waste pit was performed in response to the items outlined by the SOW and consisted of the following field tasks, identified by the PADEP Work Breakdown Structure (WBS) coding system.

Investigation Tasks:
4020 – Waste Disposal and Transportation
4030 – Waste Excavation/Loadout
4040 – Attainment Sampling Analysis
4100 – Site Preparation
4160 – Site Restoration

In the following discussion, these tasks are presented in chronological order, rather than the numerical order of the WBS identification code.

2.1 SITE PREPARATION – TASK 4100

2.1.1 Mobilization

Prior to excavation activities PADEP coordinated access to the property with the property owner and tenants. A Site utility mark-out was performed by Pennsylvania One-Call.

Site activities began on December 4, 2017. Lewis mobilized vehicles, supplies, built stockpile areas for contaminated and clean soils, and staged equipment. Stockpile areas were lined with 6-millimeter (mm) polyethylene plastic sheeting and staked with hay bales around the perimeter. The same day, a 20,000-gallon frac tank was delivered and staged. Tetra Tech maintained a list of workers, vehicle types, and equipment on Site during field activities.

2.1.2 Pit Cleanup and Jetting

On December 5, 2017 Lewis utilized a vacuum truck to remove approximately 6,000 gallons of water/liquid from the waste pit to the frac tank. The smaller pipe openings at the south end and bottom of the waste pit were dry while the bigger 4” pipe opening at the north end had some water flow into the waste pit.

After the waste pit cleanup, Lewis jetted the pipes to clear them of debris. This facilitated the use of an inspection camera to investigate the pipe orientation and integrity. While jetting the 4" pipe opening at the north side of the waste pit, an odorous black water/liquid was observed flowing from the pipe into the waste pit. The 4" pipe was initially clogged with sediment and debris. The camera observed that the pipe ran parallel to the long wall of the waste pit for approximately 20 ft., where it was broken, and then redirected towards the main building. Upon reaching 40 linear ft. of pipe neither the camera or jetting probe could progress any further. The pipe opening at the south end of the waste pit returned clear water after jetting. At the south end of the waste pit the pipe bent 90 degrees at the opening and the pipe inspection camera was not able to fit through at that point. Lewis removed an additional 200 gallons of water from the waste pit that was generated during pipe jetting activities. Overall, the jetting and camera investigation was successful in revealing potential contamination in the pipe at the north end of the waste pit. It also became apparent the pipes were manifolded into one near the center of the pit where it then oriented itself in the direction of the building.

2.2 WASTE EXCAVATION AND LOADOUT – TASK 4030

The work area was divided into an exclusion zone (trenching and adjacent area where a backhoe operated, buckets of removed soils were screened, and a dump truck was loaded with soils), containerization of solid and liquid IDW (clean and contaminated soil stockpiles and frac tank), support area (next to the waste pit and contaminated soil stockpile for staging tools and supplies and parked vehicles). During operations the exclusion zone was maintained with signage and caution tape. A schematic layout of the work zones is shown on Figure 1.

The property was secured with a perimeter chain link fence with two gates for entering and exiting traffic. Commercial activity occurs at the property during most of the day which minimized the possibility of trespassing and unauthorized entry into the work zone. Lewis installed a chain link fence around the excavation areas and maintained it there at all times the work area was left unattended. Fencing was removed after the trenches were backfilled to their original ground surface level. All equipment and materials were also stored inside the barricaded area to secure them after hours.

PADEP previously notified the property owner and tenants about all Site work issues, as well as temporary Site traffic disruptions. Traffic controls were already established at the Site by the two operating businesses. Access to the Site was from Rt 663/Layfield Rd. All Tetra Tech personnel and subcontractors entered the area from the southern gate - entrance gate, located next to the main building and left the Site from the northern gate – exit gate, located nearby the excavation work area.

Main excavation activities were conducted from December 6 through December 14, 2017. Excavation activities were on hold from December 15, 2017 until January 23, 2018 due to waiting on pending

confirmatory soil sample results. Excavation activities resumed on January 24, 2018 including dewatering of the excavation, backfilling, leveling, and compacting the excavated area. Lastly, excavation activities were completed on January 29, 2018. PADEP was frequently present onsite during excavation, especially while digging the trench along the buried pipes, and directed activities on a regular basis. Tetra Tech, on behalf PADEP, provided oversight and coordination during overall excavation activities. Tetra Tech's field representative was responsible for health and safety compliance, noting and ensuring planned activities execution, screening and segregating clean/contaminated soil piles, sampling, progress record keeping, communication with PADEP and the Tetra Tech Project Manager, and assuring Site safety and security.

Excavation started along the south wall to the base of the waste pit. Excavated soils were screened with a PID. Soils were then segregated into two piles of clean or contaminated material. At the north end of the waste pit, at approximately 5 ft. below ground surface (bgs), a strong weathered diesel odor was observed. Elevated PID readings were measured in the excavated soils. Two small pipes (less than 2" outer diameter (OD)) were uncovered at approximately 6 ft. bgs, as well as one 4" pipe at approximately 7 ft bgs. The pipes extended along the waste pit wall and turned at the mid-section of the waste pit. Two additional pipes from the south end of the waste pit were also found along the pipe run. These pipes travelled towards the building. Black oily gravel (medium size) was observed beneath the pipe in the excavation. The silt and gravel fill around the waste pit as well as adjacent, native silty soils were impacted with obvious contamination (odor, stain, PID readings). Similarly, digging at the south end of the waste pit wall, two pipes were observed at approximately 8 ft bgs. Contaminated black gravel fill and impacted surrounding soils were found beneath these pipes as well. Water was encountered in the excavation at approximately 8 ft bgs.

The fill and soils beneath the pipe that ran towards the building were also excavated. Contamination was most likely associated with the 4-inch pipe. The pipe depth shallowed as it approached the building and therefore the excavation followed this shallowing trend. On December 13, 2017 the excavation approached a sanitary sewer manhole. At this point impacted soils were still observed and the 4" pipe was at approximately 3 ft bgs (Figure 3). Tetra Tech notified PADEP, which directed Tetra Tech to cease further excavation due to safety and structural concerns. Shortly after confirmatory samples were taken from the southern portion of the excavation. This portion was immediately backfilled to eliminate obstruction of the tenant's operations and vehicular traffic.

Backfill and compaction of excavated areas began on December 13, 2017. Most of this effort was completed by December 14, 2017 and excavation activities were finished on January 29, 2018. The waste pit and excavation area along the waste pit were back filled and compacted.

The clean stockpile provided insufficient material to backfill the whole excavation. An additional seven (7) truckloads of clean fill were delivered to the Site to complete backfilling. Also, with PADEP approval, four (4) more truckloads of 4" stone were delivered to the Site and used for backfill in areas where standing water was present.

On December 14, 2018, Tetra Tech surveyed the excavation limits, sampling points, and other features (waste pit footprint, sanitary manhole, drain, dry well manhole, and adjacent Monitoring Wells) with a portable Trimble GeoXH GPS instrument. The coordinates were used to generate a Site map with the limits of excavation (Figure 3).

2.3 ATTAINMENT SAMPLING/ANALYSIS – 4040

Tetra Tech assisted PADEP in collecting confirmatory soil samples (also referred to here-in as attainment samples) from the excavation. Confirmatory samples were collected on December 11, 12, and 13, 2017. Samples were analyzed for VOCs, 1,4-Dioxane, SVOCs, pesticides, insecticide (toxaphene) and metals. The only analytes detected in the samples were VOCs and metals. Confirmatory samples information, analytical results, and locations are presented in Tables 5 and 6, and Figure 3. The results from two confirmatory samples, Hoff H7 and Hoff H8, located at southwestern end of excavation, show remnant VOC contamination above soil/GW MSCs. Arsenic and manganese also exceeded soil/GW MSCs in Hoff 1T and Hoff 2T samples respectively.

The attainment samples show that the overall excavation area meets the soil/GW criteria. The 75%/10X rule is a statistical ad hoc rule used as an indicator that the true site median concentration is below the cleanup standard. This rule requires that 75% of the samples collected for demonstration of attainment be equal to or below the risk-based cleanup standard and that no single sample result exceeds the risk-based standard by more than ten times. Post excavation sampling shows that remaining soils adjacent to the waste pit and associated piping have satisfied the requirements of the 75/10X rule.

On December 13, 2017 Tetra Tech assisted PADEP in obtaining characterization samples from clean soil stockpile. Samples were collected under guidance of DEP Bureau of Waste Management Clean Fill Policy document (PADEP, 2010) following the procedure outlined in Appendix A for composite samples. The analytical results from the clean stockpiled soil met Clean Fill criteria. The clean soil pile was subsequently backfilled into the excavation in its entirety.

Sampling bottleware and all laboratory analyses for excavation and clean soil pile samples were provided and performed by the BOL.

2.4 WASTE DISPOSAL AND TRANSPORTATION – TASK 4020

A 20,000-gallon frac tank was staged at the Site. All water/liquids generated from the initial waste pit cleanout, pipe jetting, and excavation activities were collected in the frac tank. Lewis obtained a waste characterization liquid sample, prepared waste manifests, and arranged transport (Franc Environmental) and disposal to a PADEP approved facility. Liquid IDW removal from the frac tank was conducted on January 25, 2018 (two loads – 12,000 gallons), January 26, 2018 (one load – 6,000 gallons), January 30, 2018 (one load – 5,500 gallons), and March 1, 2018 (one load – 1,000 gallons). The volumes listed above are field estimates. On March 1, 2018 Lewis cleaned the frac tank, and it was later removed from the Site.

A Tetra Tech field representative segregated soils via observation and PID readings during excavation activities into clean and contaminated soil stockpiles. After screening, excavated soils were either directly placed into a dedicated contaminated soil stockpile using a backhoe or loaded into a dump truck and then transferred into the contaminated stockpile. The contaminated soil stockpile was situated adjacent to the waste pit. The clean stockpile was located on the far east portion of the property. Clean soils were transferred there via a dump truck to avoid obstructing the tenant's operations. The clean soils stockpile was approximately 100 cubic yards in volume. The contaminated stockpile consisted of approximately 120 cubic yards. The confirmatory clean soil stockpile samples met Clean Fill criteria. PADEP approved the reuse of the soils from the clean stockpile as backfill. Lewis collected and had analyzed a waste characterization sample for the solids, prepared waste manifests, and arranged the transport and disposal of the contaminated soil to a PADEP approved facility. On January 30, 2018 Lewis loaded and containerized soils from the contaminated soil stockpile into five 20 cubic-yard roll-offs and staged them at the Site. The roll-offs remained onsite until approval for their disposal was received from the disposal facility. Between March 28, 2018 and April 5, 2018, Lewis removed all roll-offs containing contaminated soil from the Site. Before demobilizing, Lewis restored the contaminated stockpile area adding clean fill to grade, leveling, and compacting soil.

In each occasion during liquid and solid IDW removal from Site, PADEP signed the waste manifests before the transporter left the Site. Copies were retained for record keeping purposes. Site waste disposal documentation is provided in Appendix F.

2.5 SITE RESTORATION – TASK 4160

Photo documentation was acquired throughout all phases of the remedial activities. All areas were restored to pre-excavation grades at the completion of all field activities. Most of the area not covered with asphalt was restored by compacting and leveling to grade backfill material. The asphalt covered areas (roughly estimated 800 ft square) were restored on June 1, 2018 by Lewis.

3.0 SUMMARY

Beginning in July 2016 Tetra Tech on behalf of PADEP investigated and removed contaminated source area soil and groundwater at the Site. The major contaminants of concern in groundwater for this Site are VOCs, SVOCs, 1,4-Dioxane, pesticides, and, metals. The data presented in this report is intended to document the remediation of the waste pit source area at the Site via excavation.

Between December 2017 and March 2018, Lewis completed excavation activities including: the cleanout of the onsite waste pit; investigation of piping associated with waste pit; excavation and disposal of impacted soils. During the course of excavation, it was found that piping related to the waste pit aligned and traveled southwest towards the main building. Soil contamination was observed in close proximity to and beneath the waste pit. Associated piping was removed. The soil excavation work along the pipeline was terminated prior to attainment of non-impacted soil at the direction of PADEP due to safety and structural concerns including proximity to nearby utilities. A total of 217.38 tons of contaminated soils were disposed of offsite. A total of 24,556 gallons of contaminated water related to waste pit cleanup, jetting pipes, and groundwater seepage into excavation was removed and disposed of Site.

Confirmatory soil samples collected during the excavation work indicate that because the excavation was terminated as described above, VOC contamination remains at the southwestern portion of the excavation near the main building. Two metals detected in Hoff 1T (arsenic) and Hoff 2T (manganese) samples located at the north-east corner of the excavation exceeded their soil/GW MSCs. However, sufficient samples were collected to show compliance with the 75/10X Statewide health standard (SHS) rule where soils were excavated.

Several VOCs (benzene, chlorobenzene, 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,4-Trichlorobenzene, and 1,2,4-Trimethylbenzene) exceeded their respective soil-to-groundwater SHS in soil. Water was encountered in the excavation at approximately 8 ft bgs, but may fluctuate seasonally at shallower depths, which with proximity to the building, indicates that the vapor intrusion migration pathway is a potential concern. Two rounds of indoor air sampling were previously conducted in the main building in 2016 to assess vapor intrusion risk.

VOC contamination is believed to have migrated from the waste pit source area through subsurface soils and into groundwater. Eventually, groundwater migrated off the property and was drawn into offsite potable wells. With the source area remediated, PADEP expects long term contaminant reduction in local groundwater associated with the Site.

4.0 REFERENCES

Leidos August, 2014. Project Investigation Report for Hoff VC Site.

PADEP, Bureau of Waste Management, Aug. 2010, DEP. Management of Fill. Document No 258-2182-773.

TABLES

Table 1
Volatiles Soil Boring Results
December 2016
Hoff VC HSCA Site

Boring ID	PADEP MSCs		Units	HOFF SB-18	HOFF SB-03	HOFF SB-15	HOFF SB-14	HOFF SB-16	HOFF SB-19	HOFF SB-20
	Non-residential Direct Contact	Residential Soil/GW								
Sample ID:	Subsurface Soil 0-15 ft	Generic Value		HOFF SB-18_7-8	HOFF SB-03_8-9	HOFF SB-15_6.5-7.5	HOFF SB-14_8.5-9.5	HOFF SB-16_7-8	HOFF SB-19_4.5-5.5	HOFF SB-20_7-8
Sample Depth (ft)		used aquifer		7 - 8 ft	8 - 9 ft	6.5 - 7.5 ft	8.5 - 9.5 ft	7 - 8 ft	4.5 - 5.5 ft	7 - 8 ft
Date Sampled:				12/21/2016	12/21/2016	12/21/2016	12/21/2016	12/21/2016	12/21/2016	12/21/2016
Matrix:	Soil			Soil	Soil	Soil	Soil	Soil	Soil	Soil
GC/MS Volatiles (SW846 8260C)										
Acetone	10000	430	mg/kg	NS	NS	**0.0378**	ND	**0.0239**	ND	**0.0152**
2-Butanone (MEK)			mg/kg	NS	NS	**0.0075 J**	ND	ND	ND	ND
Carbon disulfide	10000	130	mg/kg	NS	NS	**0.0042**	ND	ND	ND	ND
1,2-Dichlorobenzene	10000	59	mg/kg	NS	NS	ND	ND	ND	**0.0011 J**	ND
1,1-Dichloroethane	1600	0.75	mg/kg	NS	NS	**0.002**	ND	**0.00049 J**	**0.0033**	**0.00067 J**
Ethylbenzene	1000	46	mg/kg	NS	NS	**0.0071 J**	ND	ND	ND	ND
Isopropylbenzene (cumene)	10000	600	mg/kg	NS	NS	**0.0019 J**	ND	ND	ND	ND
Methylcyclohexane			mg/kg	NS	NS	**0.0083**	ND	ND	ND	ND
Toluene	10000	44	mg/kg	NS	NS	**0.0016 J**	ND	ND	ND	ND
m,p-Xylene			mg/kg	NS	NS	**0.0013 J**	**0.00046 J**	**0.00046 J**	ND	ND
o-Xylene			mg/kg	NS	NS	**0.0026**	ND	ND	ND	ND
Xylene (total)	9100	990	mg/kg	NS	NS	**0.0039**	**0.00046 J**	**0.00046 J**	ND	ND
General Chemistry										
Solids, Percent	%			85.9	77.2	76.1	80.7	82.8	82.6	87.1

Footnotes:
a More than 40 % RPD for detected concentrations between the two GC columns.
J - Indicates an estimated value
ND - Not detected
NS - Not sampled
Not Listed

Table 2
Semi-volatiles Soil Boring Results
December 2016
Hoff VC HSCA Site

Boring ID	PADEP MSCs			HOFF SB-18	HOFF SB-03	HOFF SB-15	HOFF SB-14	HOFF SB-16	HOFF SB-19	HOFF SB-20
Sample ID:	Non-residential Direct Contact Subsurface Soil 0-15 ft	Residential Soil/GW Generic Value	Units	HOFF SB-18_7-8	HOFF SB-03_8-9	HOFF SB-15_6.5-7.5	HOFF SB-14_8.5-9.5	HOFF SB-16_7-8	HOFF SB-19_4.5-5.5	HOFF SB-20_7-8
Sample Depth (ft)				7 - 8 ft	8 - 9 ft	6.5 - 7.5 ft	8.5 - 9.5 ft	7 - 8 ft	4.5 - 5.5 ft	7 - 8 ft
Date Sampled:				12/21/2016	12/21/2016	12/21/2016	12/21/2016	12/21/2016	12/21/2016	12/21/2016
Matrix:	Soil			Soil	Soil	Soil	Soil	Soil	Soil	Soil
GC/MS Semi-volatiles (SW846 8270D)										
Acenaphthene	190000	3100	mg/kg	ND	**0.329**	ND	ND	ND	ND	ND
Benzo(a)anthracene	190000	28	mg/kg	ND	ND	**0.0565 J**	ND	ND	ND	ND
Butyl benzyl phthalate	10000	3200	mg/kg	ND	**0.188 J**	ND	ND	ND	ND	ND
1,1'-Biphenyl	190000	40	mg/kg	ND	**0.191 J**	ND	ND	ND	ND	ND
Chrysene	190000	230	mg/kg	ND	ND	**0.0591 J**	ND	ND	ND	ND
Di-n-butyl phthalate	10000	1700	mg/kg	ND	**0.203 J**	ND	ND	ND	ND	ND
Di-n-octyl phthalate	10000	10000	mg/kg	ND	ND	**0.125 J**	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	10000	130	mg/kg	ND	**0.672**	**1.34**	ND	ND	ND	ND
Fluoranthene	190000	3200	mg/kg	ND	ND	**0.17**	ND	ND	ND	ND
Fluorene	190000	3400	mg/kg	ND	**0.467**	**0.109**	ND	ND	ND	ND
2-Methylnaphthalene	190000	680	mg/kg	ND	**1.11**	ND	ND	ND	ND	ND
Phenanthrene	190000	10000	mg/kg	ND	**0.35**	**1.06**	ND	ND	ND	ND
Pyrene	190000	2200	mg/kg	ND	**0.0829 J**	**0.262**	ND	ND	ND	ND
Pesticides (GC Semi-volatiles -SW846 8081B)										
gamma-BHC (Lindane)	190000	0.072	mg/kg	ND	**0.0048** [a]	ND	ND	ND	ND	ND
GC Semi-volatiles (SW846 8151)										
2,4-D	190000	1.8	mg/kg	**0.052.8** [a]	ND	ND	ND	ND	ND	ND
General Chemistry										
Solids, Percent	%		mg/kg	85.9	77.2	76.1	80.7	82.8	82.6	87.1

Footnotes:
a More than 40 % RPD for detected concentrations between the two GC columns.
J - Indicates an estimated value
ND - Not detected

Table 3
Metals Soil Boring Results
December 2016
Hoff VC HSCA Site

Boring ID	PADEP MSCs		units	HOFF SB-18	HOFF SB-03	HOFF SB-15	HOFF SB-14	HOFF SB-16	HOFF SB-19	HOFF SB-20
Sample ID:	Non-residential Direct Contact	Residential Soil/GW		HOFF SB-18_7-8	HOFF SB-03_8-9	HOFF SB-15_6.5-7.5	HOFF SB-14_8.5-9.5	HOFF SB-16_7-8	HOFF SB-19_4.5-5.5	HOFF SB-20_7-8
Sample Depth (ft)		Generic Value		7 - 8 ft	8 - 9 ft	6.5 - 7.5 ft	8.5 - 9.5 ft	7 - 8 ft	4.5 - 5.5 ft	7 - 8 ft
Date Sampled:				12/21/2016	12/21/2016	12/21/2016	12/21/2016	12/21/2016	12/21/2016	12/21/2016
Matrix:	Soil			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Metals Analysis										
Aluminum	190000	NS	mg/kg	35900	23200	23700	18800	50400	28900	20000
Antimony	190000	27	mg/kg	ND	ND	ND	ND	ND	ND	ND
Arsenic	190000	29	mg/kg	4.9	7.1	8.2	5.2	7.7	6.3	ND
Barium	190000	8200	mg/kg	66.1	92.2	103	30.4	86.3	72.2	36.4
Beryllium	190000	320	mg/kg	1.9	1.4	2.2	1.5	2.6	1.7	1.6
Cadmium	190000	38	mg/kg	ND	2.1	2.5	ND	ND	ND	ND
Calcium	190000	NS	mg/kg	4130	3110	4700	5050	3090	3440	2300
Chromium^	20000/190000	190000/190	mg/kg	81	54.2	54.4	54.6	74.8	56.9	69.2
Cobalt	190000	59	mg/kg	23.6	16.7	22	15.3	28.4	18.3	ND
Copper	190000	43000	mg/kg	275	42.6	27.9	3.6	10.2	17.8	ND
Iron	190000	NS	mg/kg	43000	31700	33600	32600	49400	31400	38800
Lead	190000	450	mg/kg	36.9 [b]	44.3	35.8	3.9	6.6	5	ND
Magnesium	190000	NS	mg/kg	20300	9080	10900	9440	20300	10000	8120
Manganese	190000	2000	mg/kg	1070	459	700	538	563	295	495
Mercury	190000	10	mg/kg	ND	ND	ND	ND	ND	ND	ND
Nickel	190000	650	mg/kg	39.4	32.5	51.2	37.5	61.8	42.3	29
Potassium	190000	NS	mg/kg	6900	2140	1590	ND	12700	3460	ND
Selenium	190000	26	mg/kg	ND	ND	ND	ND	ND	ND	ND
Silver	190000	84	mg/kg	1.4	ND	ND	ND	ND	ND	ND
Sodium	190000	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND
Thallium	190000	14	mg/kg	ND	ND	ND	ND	ND	ND	ND
Vanadium	190000	290	mg/kg	182	71	88.9	69.5	102	69.6	80.7
Zinc	190000	12000	mg/kg	79.2	172	184	69.3	50.2	55.9	82.7
General Chemistry										
Solids, Percent					77.2	76.1	80.7	82.8	82.6	87.1
Footnotes:										

^ Chromium III/Chromium VI NS no Standard

Exceeded Criteria ND not Detected

Table 4
Volatiles Temporary Well Sample Results
December 2016
Hoff VC HSCA Site

Boring ID	PADEP MSCs	Units	HOFF SB-03
Sample ID:	Residential / Used Aquifers		HOFF TW-03
Date Sampled:			12/21/2016
matrx	Groundwater		Groundwater
GC/MS Volatiles (GC/MS-SW846 8260C)			
Acetone	38000	ug/l	7.0 J [a]
Benzene	5	ug/l	1.1
2-Butanone (MEK)		ug/l	4.9 J
Carbon disulfide	1500	ug/l	1.4 J
Chlorobenzene	100	ug/l	16
Chloroethane	250	ug/l	267
Cyclohexane	13000	ug/l	0.95 J
1,2-Dichlorobenzene	600	ug/l	7.4
1,3-Dichlorobenzene	600	ug/l	0.23 J
1,4-Dichlorobenzene	75	ug/l	2
1,1-Dichloroethane	31	ug/l	288
1,2-Dichloroethane	5	ug/l	0.45 J
1,1-Dichloroethene	7	ug/l	0.29 J
cis-1,2-Dichloroethene	70	ug/l	0.60 J
Ethylbenzene	700	ug/l	7.7
Isopropylbenzene	840	ug/l	3.1
Methylcyclohexane		ug/l	4.6 J
Tetrachloroethene	5	ug/l	1.7
Toluene	1000	ug/l	19.8
1,1,1-Trichloroethane	200	ug/l	10.6
Trichloroethene	5	ug/l	1.4
Vinyl chloride	2	ug/l	0.68 J
m,p-Xylene		ug/l	31.5
o-Xylene		ug/l	16.1
Xylene (total)	10000	ug/l	47.6
GC/MS Semi-volatiles (SW846 8270D BY SIM)			
1,4-Dioxane	6.4	ug/l	0.251

Footnotes:

[a] More than 40 % RPD for detected concentrations between the two GC columns.

J - Indicates an estimated value

ND - Not detected

Exceeded Criteria

Not Listed

Table 5
Volatiles Soil Confirmation Results
December 2017
Hoff VC HSCA Site

Project Number:	PADEP MSCs							
Sample ID	Non-residential	Residential Soil/GW	units	Hoff H5T	Hoff H7	Hoff H8	Hoff H9	Hoff H10
Sample Depth:	Subsurface Soil 2-15 ft	Generic Value		7.0'-7.5'	3.5'-4.0	3.5'-4.0'	5.5'-6.0'	6.5'-7.0'
Date Sampled:				12/12/2017	12/13/2017	12/13/2017	12/13/2017	12/13/2017
Matrix:	Soil	Soil		Soil	Soil	Soil	Soil	Soil
Standards in mg/kg								
GC/MS Volatiles (SW846 8260C)								
Benzene	330	0.13	mg/kg	0.0634 U	**0.233**	0.0946 U	0.0744 U	0.0647 U
n-Butylbenzene	10000	1300	mg/kg	**0.0788**	0.0519 U	0.0946 U	0.0744 U	0.0647 U
Sec-Butylbenzene	10000	980	mg/kg	**0.0743**	**5.52** Q	**1.56** Q	**0.822** Q	0.0647 U
Chlorobenzene	4600	6.1	mg/kg	0.127 U	**348**	**101** Q	**2.86** Q	**0.139** B
1,2-Dichlorobenzene	10000	59	mg/kg	0.0634 U	**125**	**282**	**10.6**	0.0647 U
1,3-Dichlorobenzene	10000	61	mg/kg	0.0634 U	**15.4** Q	**4.11** Q	0.0744 U	0.0647 U
1,4-Dichlorobenzene	230	10	mg/kg	0.0634 U	**86.6**	**51.6** Q	**3.06** Q	0.0647 U
Ethylbenzene	1000	46	mg/kg	0.0634 U	0.0519 U	**0.411**	0.0744 U	0.0647 U
Isopropylbenzene (cumene)	10000	600	mg/kg	0.0634 U	**1.28**	**0.692**	0.0744 U	0.0647 U
4-Isopropyltoluene			mg/kg	0.0634 U	**9.9** Q	**2.59** Q	**0.664**	0.0647 U
Naphthalene	190000	25	mg/kg	0.0634 U	**5.12** Q	**3.3** Q	**0.3**	0.0647 U
n-Propylbenzene	10000	400	mg/kg	0.0634 U	**7.5** Q	**3.5** Q	**0.367**	0.0647 U
Toluene	10000	44	mg/kg	0.0634 U	0.0519 U	**0.168**	0.0744 U	0.0647 U
1,2,3-Trichlorobenzene			mg/kg	0.0634 U	**1.07**	**0.98** Q	0.0744 U	0.0647 U
1,2,4-Trichlorobenzene	10000	27	mg/kg	0.0634 U	**27.6** Q	**7.56** Q	**1.26** Q	0.0647 U
1,2,4-Trimethylbenzene	640	8.4	mg/kg	0.0634 U	**55.3** Q	**24.6** Q	**2.04** Q	0.0647 U
1,3,5-Trimethylbenzene	10000	74	mg/kg	0.0634 U	**24.2** Q	**9.74** Q	**0.944** Q	0.0647 U
m,p-Xylene			mg/kg	0.127 U	**1.72**	**2.22** Q	0.149 U	0.129 U
o-Xylene			mg/kg	0.0634 U	**1.06**	**1.32** Q	**0.115**	0.0647 U
Xylene (total)	9100	990	mg/kg	0	**2.78**	**3.54**	**0.115**	0
General Chemistry								
Solids, Percent			%	85.9	77.2	76.1	80.7	82.8

Footnotes:

Bold	Detected values
	Not Listed
	Exceeded Criteria

Table 6
Metals Confirmation Soil Samples Results
December 2017
Hoff VC HSCA Site

Sample ID	PADEP MSCs		units	Hoff H1B	Hoff H1T	Hoff H2B	Hoff H2T	Hoff H3B	Hoff H3T	Hoff H4B	Hoff H4T	Hoff H5B	Hoff H5T	Hoff H6B	Hoff H6T	Hoff H7	Hoff H8	Hoff H9	Hoff H10
Sample Depth:	Non-residential Direct Contact Subsurface Soil 2-15 ft	Residential Soil/GW Generic Value		8 - 8.5 ft	6.5 -7 ft	6.5 - 7.5 ft	6.5 - 7 ft	8 - 8.5 ft	6.5 - 7 ft	8 - 8.5 ft	6.5 - 7 ft	8 - 8.5 ft	6.5 - 7 ft	8 -8.5 ft	6.5 -7 ft	3.5 4 ft	3.5 - 4 ft	5.5 - 6 ft	6.5 - 7 ft
Date Sampled:				12/11/2017	12/11/2017	12/11/2017	12/11/2017	12/11/2076	12/11/2017	12/11/2017	12/11/2017	12/12/2017	12/12/2017	12/12/2017	12/12/2017	12/13/2017	12/13/2017	12/13/2017	12/13/2017
Matrix:	Soil	Soil		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Metals Analysis																			
Standard values in mg/kg																			
Aluminum	190000	NS	mg/kg	35558	37897	44496	41840	32555	41811	24065	32212	47845	45269	37333	33481	17974	42811	59985	26764
Antimony	190000	27	mg/kg	1.17	1.15	1.19	1.16	1.09	1.16	1.09	1.17	1.19	1.13	1.16	1.2	4.06	1.22	1.26	1.19
Arsenic	190000	29	mg/kg	9.51	31.9	6.45	11.7	10.5	4.35	4.64	3.52	3.7	3.1	2.33	3.06	4.06	7.27	2.52	3.04
Barium	190000	8200	mg/kg	79.5	114	202	202	76.7	98.1	114	122	118	63.6	59.5	89.1	84.2	148	138	83.2
Beryllium	190000	320	mg/kg	2.64	2.42	2.69	2.95	2.9	3.19	2.73	2.58	2.92	2.71	1.98	2.1	29.8	2.08	2.52	1.55
Boron	190000	1900	mg/kg	23.5	23	23.9	23.1	21.9	23.2	21.8	23.5	23.9	22.6	23.3	24	23.2	24.4	25.2	23.9
Cadmium	190000	38	mg/kg	0.587	0.575	0.597	0.579	0.546	0.58	0.545	0.586	0.597	0.564	0.582	0.6	18.3	0.611	0.629	0.597
Calcium	190000	NS	mg/kg	5939	6414	7593	7315	4724	3732	4774	2969	3641	3500	2529	2953	2803	5230	3311	2450
Chromium^	20000/190000	190000/190	mg/kg	58	78.9	72.3	75.1	48.1	66.5	55.7	61.2	66	51.4	54.6	52.5	56.4	64.2	92.2	44.5
Cobalt	190000	59	mg/kg	19.4	33.9	21.8	29.6	29.7	34.7	34.8	26.8	16.2	23.9	18.8	20.5	36.7	19.1	27.6	12.7
Copper	190000	43000	mg/kg	254	240	333	257	42.6	34.8	46	53.7	67.5	9.09	4.78	10.6	24.2	29.1	4.53	24.4
Iron	190000	NS	mg/kg	49924	51651	57635	56817	44721	46934	36509	44483	47928	39765	37455	30732	36878	43153	61187	31272
Lead	190000	450	mg/kg	9.62	5.64	9.07	10	7.54	3.01	11.8	7.86	8.12	6.21	3.26	19.7	1.16	16	4.84	5.79
Magnesium	190000	NS	mg/kg	18791	22078	29573	29630	13963	13052	11921	16035	15916	15101	16150	15828	10017	11685	24437	9755
Manganese	190000	2000	mg/kg	825	1455	1471	2023	1404	1654	1967	414	471	664	369	296	323	444	651	351
Mercury	190000	10	mg/kg	0.117	0.115	0.119	0.116	0.109	0.116	0.109	0.117	0.119	0.113	0.116	0.12	NR	0.122	0.126	0.119
Nickel	190000	650	mg/kg	41.8	26.7	47.2	58.4	54.4	50.9	60.5	39.6	44.9	43.1	42.5	41.7	36.7	40.3	66.1	29.8
Potassium	190000	NS	mg/kg	2697	6471	10458	9525	2563	2898	1632	3860	4467	2780	6605	6843	452	3869	9161	3105
Selenium	190000	26	mg/kg	4.11	4.03	4.18	4.05	3.83	4.06	3.82	4.1	4.18	3.95	4.08	4.2	1.16	4.28	4.4	4.18
Silver	190000	84	mg/kg	0.587	0.575	0.597	0.579	0.546	0.58	0.545	0.586	0.597	0.564	0.582	0.6	1.22	0.611	0.629	0.597
Sodium	190000	NS	mg/kg	528	867	944	716	320	429	366	386	460	354	338	324	359	556	585	320
Thallium	190000	14	mg/kg	1.17	1.15	1.19	1.16	1.09	1.16	1.09	1.17	1.19	1.13	1.16	1.2	1.97	1.22	1.26	1.19
Vanadium	190000	290	mg/kg	76.7	134	107	113	71.9	71.2	88.2	79.3	76.2	57.6	60.7	64	0	75.6	95.2	49.6
Zinc	190000	12000	mg/kg	86.6	56.3	80.1	83.7	82.9	85.5	89.6	52.2	68.2	95.3	42.4	49.9	69.4	55.3	57.4	41.6
General Chemistry																			
Solids, Percent				85.2	86.92	83.76	86.4	91.49	86.27	91.69	85.28	83.75	88.57	85.85	83.3	86.15	81.86	79.47	83.55

Footnotes:

^ Chromium III/Chromium VI

Exceeded Criteria

NS No Standard

FIGURES

LEGEND

MONITORING WELL LOCATION

GOOD OIL COMPANY BOUNDARY

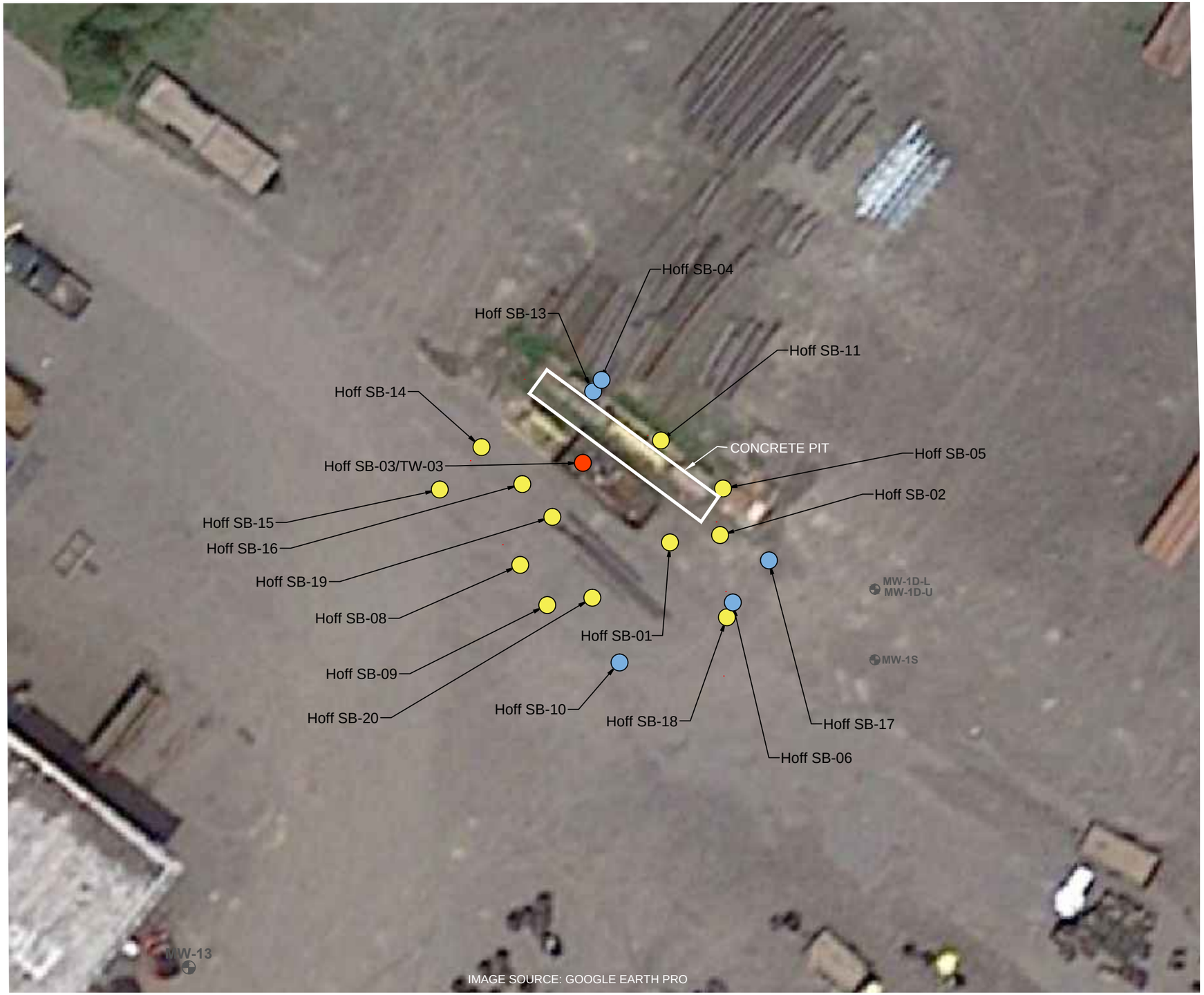
N

0 50 100 Feet

TETRA TECH

SITE LAYOUT AND WORK AREAS
HOFF VC HSCA SITE
NEW HANOVER TOWNSHIP,
MONTGOMERY COUNTY, PA

FILE	SCALE
HOFF103S5436008_FIGURE 1.dwg	AS NOTED
FIGURE NUMBER	REV / DATE
FIGURE 1	A 5/24/18



LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION, SAMPLE COLLECTED, MSC EXCEEDANCE 1,1-DCA (SB-03) 1,1-DCA & CHLOROETHENE (TW-03)
- SOIL BORING LOCATION, SAMPLE COLLECTED, NO MSC EXCEEDANCE
- SOIL BORING LOCATION, SAMPLE NOT COLLECTED

NOTE

HOFF SB-01 THROUGH HOFF SB-11 (JULY 2016)
HOFF SB-13 THROUGH HOFF SB-20 (DECEMBER 2016)

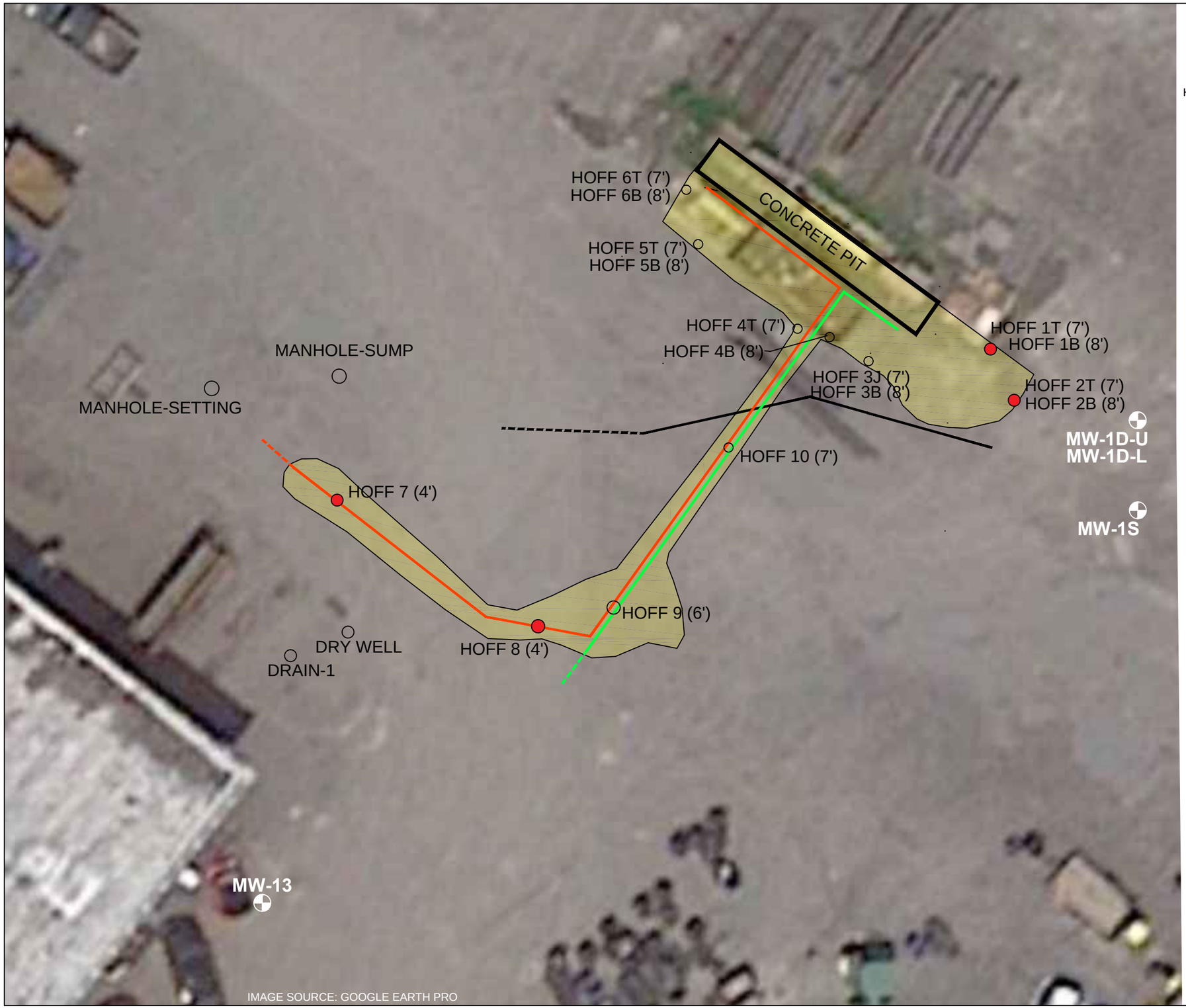
N

0 30 60 Feet

TETRA TECH

SOIL BORING LOCATIONS & MSC EXCEEDANCES JULY 2016 & DECEMBER 2016 HOFF VC HSCA SITE NEW HANOVER TOWNSHIP, MONTGOMERY COUNTY, PA

FILE	SCALE
HOFF103S5436008_FIGURE 2.dwg	AS NOTED
FIGURE NUMBER	REV / DATE
FIGURE 2	A 5/24/18



LEGEND

MONITORING WELL LOCATION

HOFF 1B (8') CONFIRMATION SAMPLE ID & (DEPTH)

CONFIRMATION SAMPLE LOCATION

CONFIRMATION SAMPLE LOCATION MSC EXCEEDED
VOCs (HOFF 7 & HOFF 8)
METALS (HOFF1T & HOFF 2T)

2 INCH PIPELINE

4 INCH PIPELINE

SANITARY PIPELINE (DASHED WHERE INFERRED)

EXCAVATION LIMITS

NOTE:

1. ALL PIPELINE LOCATIONS ARE APPROXIMATE
2. EXCAVATION AND CONFIRMATION SAMPLES (DECEMBER 2017)

N

0 15 30 Feet

TETRA TECH

EXCAVATION EXTENT, CONFIRMATION SAMPLE LOCATIONS & MSC EXCEEDANCES
DECEMBER 2017
HOFF VC HSCA SITE
NEW HANOVER TOWNSHIP,
MONTGOMERY COUNTY, PA

FILE	SCALE
HOFF103S5436008_FIGURE 3.dwg	AS NOTED
FIGURE NUMBER	REV / DATE
FIGURE 3	A / 5/24/18

APPENDIX A

July 26, 2016

Jonathan Dziekan
Tetra Tech, Inc.
One Oxford Valley, Suite 200
Langhorne, PA 19047

Project: Geophysical Survey – 334 Layfield Road, Perkiomenville, PA

Dear Jonathan;

The following is a brief letter report detailing the results of the geophysical survey performed at the above referenced site. Site maps and/or pertinent ground penetrating radar (GPR) transects are contained in the report and Appendix A. It would be helpful to review Appendix A and the site maps when reading this report. TPI's standard practice is to indicate the results of the geophysical survey by marking all identified utility lines, tanks, and GPR anomalies etc. with chalk, paint or flags. It should be noted that this report is a means of transferring data and results of data interpretation, which was performed during the time allotted for the fieldwork.

Project Scope and Visual Site Inspection

TPI Environmental, Inc. (TPI) was contracted by Tetra Tech, Inc. (client) to scan areas of concern (AOC) at the above referenced location to confirm or deny the presence of possible unknown underground storage tanks (USTs) and other significant subsurface metallic features. The site consists of a steel fabricating facility located at the above address and as indicated on Figure 1. Upon arrival to the site on July 13, 2016, TPI reviewed the site history with the client and performed a site walk to search for any evidence of USTs. During the site walk the following areas of interest were noted;

- TPI noted no visual evidence of USTs in the survey area.

Methodology

Geophysical surveys are typically accomplished by employing the following techniques; GPR, Fisher TW6 electromagnetic metal detection (TW6 EM), a Geonics EM61-MK2 Time – Domain Electromagnetic Detector unit (EM61), radio frequency line locating (RF), and magnetics. The EM61 is a high power, high sensitivity metal detector capable of detecting both ferrous and non-ferrous metal. The TW6 EM unit sounds an audible alarm in the presence of a large mass of metal such as an UST. A description and discussion of these geophysical methods as well as TPI's standard procedures for performing geophysical surveys is found in Appendix A. In general, "blind surveys" are typically performed by initially scanning the site with a TW6 EM unit and/or an EM61 unit and noting areas of relatively high EM response. Then locations with a high EM response are further investigated with GPR. Known utilities are typically traced with the RF unit, GPR, and the TW6 EM unit depending on the size, matrix and conductive properties of the line. EM units are typically not effective and practical in areas underlain with reinforced

concrete and/or the presence of ubiquitous metallic objects.

During EM61 surveys the EM response is sampled at four time positions at each survey point (every 0.62-feet). These four readings allow for the discrimination of targets based on target size, shape, material, and orientation. Furthermore the EM61 is designed in such a way that it is possible to distinguish deeper objects from shallow ones. In channel D mode the system suppresses near surface targets that may mask the response of deeper more important targets. This feature is useful when the purpose of the survey is to locate deeper targets, such as USTs, in the presence of near surface metallic objects such as monitor well covers.

Geophysical Survey Results

The geophysical survey at this site was accomplished with the EM61, TW6 EM and GPR units. The EM61 unit was used to scan an open parking lot with the exception of areas underlain with reinforced concrete or within five feet of metallic objects (walls, vehicles, fences, etc.). The TW6 EM unit was used to further constrain anomalies detected during the EM61 survey. EM61 data collected on-site were retained on a data recorder, processed, and presented as Figure 1 in the report. The GPR survey was performed over metallic anomalies identified during the EM surveys and in areas immediately around metallic objects. Results of the geophysical survey were marked on the ground with paint. Maps of the survey results are contained in this report and Appendix A. Results of the geophysical survey are as follows:

- Results of the geophysical survey indicate that no distinct metallic UST type EM or GPR anomalies were detected in the areas surveyed.

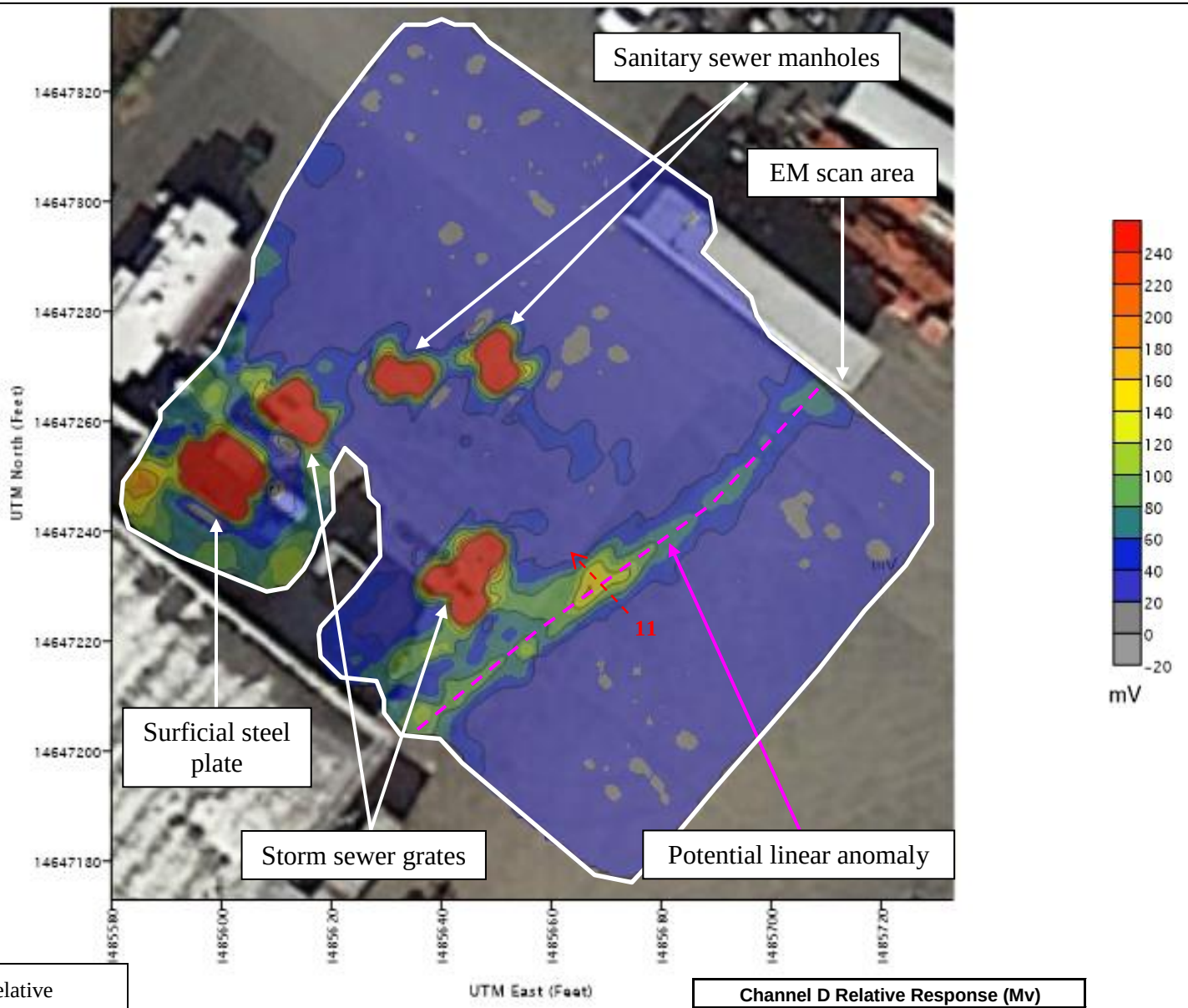
TPI completes non-intrusive geophysical surveys using equipment and techniques representing best available technology. TPI does not accept responsibility for survey limitations due to inherent technological limitations or unforeseen and varying site-specific conditions such as metal-reinforced concrete. In practical terms, TPI serves to reduce the risk of encountering subsurface utilities during excavation operations or greatly increase the chance of locating man made subsurface objects depending on the goal of the project. The results of this investigation should only be used as a tool and should not be considered a guarantee regarding the presence or absence of USTs or piping.

If you should require additional information or have any questions, please do not hesitate to contact me at the above phone number or email me at ffendler@tpienv.com.

Sincerely,

Frank Fendler, M.S, P.G.
President

Michael Robbins, M.S.
Geologist



*Color contoured data indicate relative EM61 response, i.e. significant buried metallic structures. The EM survey was conducted throughout accessible areas, as indicated by black borderline.

Channel D Relative Response (Mv)							
Depth (ft)	1	2	3	4	5	6	7
55gal. Drum	600	150	80	50	22	13	7
8" Steel Pipe	180	120	50	38	15	10	5

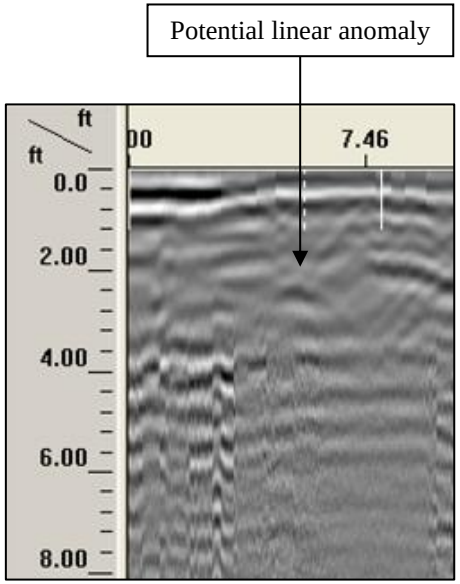
TPI environmental	334 Layfield Road, Perkiomenville, PA		Figure 1
	Client: Tetra Tech, Inc.	Date: 07/13/16	EM61 Survey Results – Channel D

Appendix A

GPR Transects and Survey Methods

ffendler@tpienv.com
New Hope, PA
888-204-3266-Phone/Fax
kfendler@tpienv.com
Easton, PA

GPR Transect 11
See Figure 1 for Location

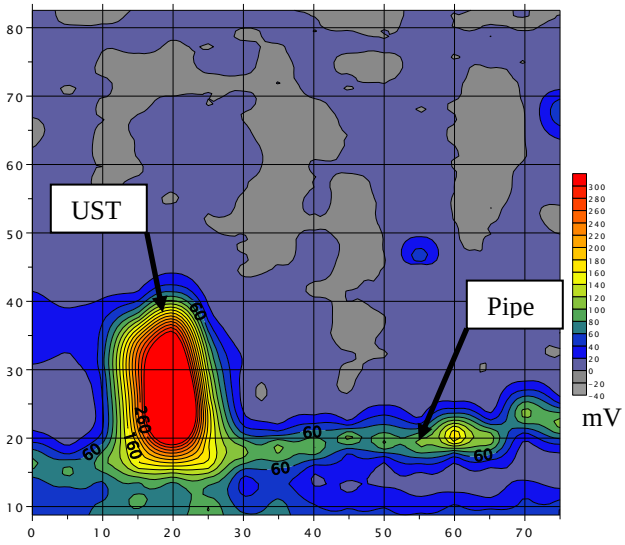


Attachment A
TPI's Geophysical Survey Equipment & Methods

Geonics EM61-MK2

The EM61 is a high resolution time-domain metal detector which is used to detect ferrous and non-ferrous metallic objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field, which induces eddy currents in nearby metallic objects. The decay of these currents is measured by two receiver coils mounted on the coil assembly. The responses are recorded and displayed by an integrated computer based digital data logger with real time numeric and graphic display. Two ports on the logger allows simultaneous collection of EM and GPS data. For further processing and interpretation data can be transferred to a laptop computer in the field and a color contoured map of the EM61 reponse is prepared (see below).

EM61 Color Contoured Map



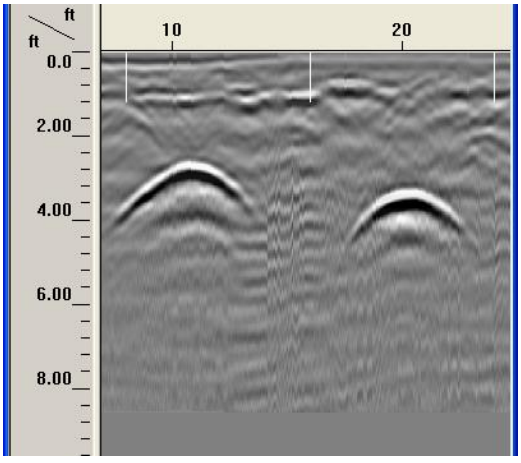
The EM61-MK2 detects a single 55 gallon drum at a depth of over 10-feet beneath the instrument, yet it is relatively insentsitive to interference from nearby surface metal such as fences, buildings, cars, etc. By making the measurement at a relatively long time after termination of the primary pulse, the response is practically independent of the electrical conductivity of the ground.

Due to its unique coil arrangements, the response curve is a single well defined positive peak greatly facilitating quick and accurate location of the target, the depth of which can usually be estimated from the width of the response and/or from relative response from each of the two receiver coils.

GPR

This method is one of the most powerful and cost effective methods of locating man made objects and stratigraphic layers in the subsurface. It is an active method that transmits electromagnetic pulses into the ground, the radar pulses are reflected from materials or layers of differing dielectric and electrical conductive properties. The GPR computer measures the elapsed time in billionths of a second (nanoseconds) from when the pulses are sent and when they are received back at the surface that can then be converted to depth. Results of the radar scan are displayed as a continuous cross-section of the subsurface on the computer screen in real time. Metallic materials such as tanks, pipes, conduits, rebar etc. have vastly different dielectric properties then soils so there reflections are striking and relatively easy to identify. Pipes and tanks constructed of PVC, concrete, and terracotta also produce distinct reflections, however, these reflections are typically not as striking as metallic materials. A typical radar image of two metallic underground storage tanks is found below.

GPR Image of Two Metallic USTs



GPR surveys are conducted with the most advanced GPR equipment currently available

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including a Geophysical Survey Systems (GSSI) SIR-3000 subsurface radar unit with a 400 MHz antenna. The 400 MHz antenna has a depth range of approximately 20-feet and other antennas may be employed with the system depending on specific site conditions and objectives of the survey. The GPR transect data may be saved on the internal hard drive and transferred to a PC for storage, printing, and post processing. GSSI is the world leader in the development of GPR systems and was the first company to commercialize GPR in 1970. GPR hardware and software has improved dramatically over the last several years allowing for relatively rapid and economical GPR surveys. With 3-dimensional capabilities, the latest GPR software takes data processing a step farther then the former 2-dimensional viewing method. Three-dimensional visualization helps you to see the whole picture, giving you a powerful tool to interpret complex utility layouts and identify subtle linear features that may have otherwise been missed.

GPR surveys are typically conducted by searching for GPR hyperbolas indicative of subsurface pipes or tanks signatures in the vicinity of known entities. Theses signatures are marked on the ground and areas progressively further from the known entity are scanned and marked. This process is continued until the GPR operator performed enough scans to determine and mark the subsurface pipe, tank or anomaly. During this process the GPR data is typically not saved due to the immense size of the data files. After this phase of the GPR survey is completed, representative GPR transects or grids are performed and saved for the report and post processing. Some of the factors that may negatively affect GPR results include clay soils, rebar in concrete, high moisture content, depth of the target, and the integrity, size, and material of the target.

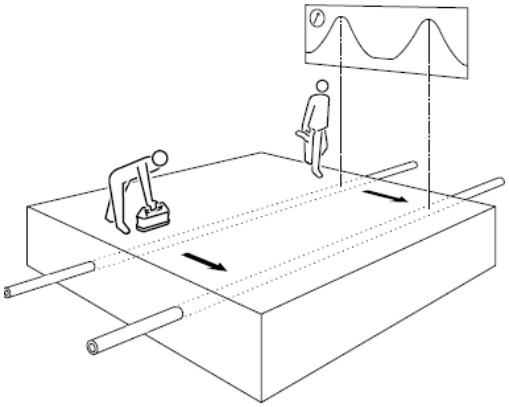
TW-6 EM Unit

TPI routinely employs a Fisher TW-6 electromagnetic metal detector when performing GPR surveys. The TW-6 creates an electromagnetic field with a transmitting coil and measures the strength of that field with a receiving coil. As the TW-6 passes over electrically conductive materials such as metal tanks or drums the field is distorted and the instrument produces an audible alarm based on the degree of the distortion. The TW-6 can detect conductive materials the size of drums or small tanks to depths of 10-feet. The instrument is actually a relatively poor metal detector which makes it ideal for locating large conductive materials such as metal drums, medium to large metal pipes, reinforced concrete pipes, and metal tanks. A more sensitive metal detector would produce "false positives" on small pieces of metal that are typically found in fill and throughout developed sites. If the survey area is underlain by reinforced concrete or cars and other large surficial metallic features are within 10-feet, the TW-6 will not be useful.

Line Locating

Line locating is performed with a Radiodetection RD400 PXL-2 line locator with a 433 HCTX-2 transmitter. The transmitter emits a specific radio or electromagnetic signal which is indirectly induced or directly conducted onto the metallic line. The transmitter is capable of producing frequencies of 512 Hz, 8 kHz, or 33 kHz and the receiver is configured for the specific transmitted frequency. The induced signal is coupled with the line by either using an induction clamp which surrounds an exposed line or placing the transmitter above a buried line and transmitting the signal to it. The receiver may also be used in a passive locate mode (power) to identify the presence of current carrying lines. Nonmetallic lines may also be located by snaking a sonde down accessible lines with push rods. A sonde is a small transmitter that emits a specific electromagnetic frequency which can be detected by the receiver at depths of 12 to 16-feet.

Inductive Sweep With Transmitter/Receiver



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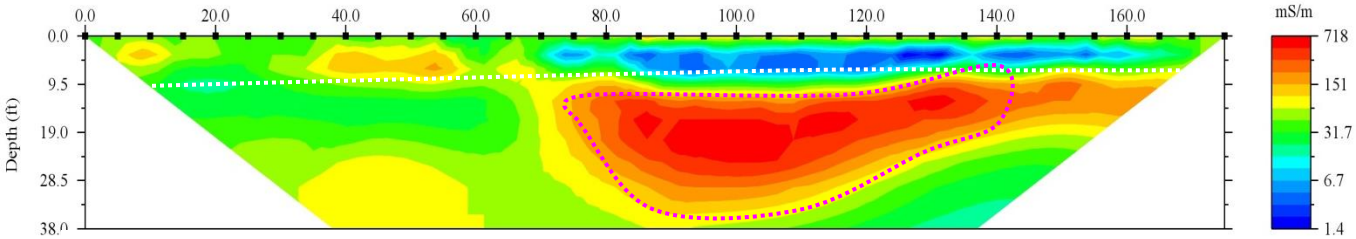
Attachment A
TPI's Geophysical Survey Equipment & Methods

Resistivity

TPI conducts subsurface resistivity surveys using the AGI SuperSting R8 IP Earth Resistivity and IP Meter. The SuperSting unit measures the voltage drop of an induced electrical current across numerous electrodes as it travels through the electrically heterogenous subsurface. Multiple survey profiles are completed in this manner based upon the specific conditions of the field area in order to assemble a complete characterization of the ground resistivity properties. The resistivity data is then processed and examined for evidence of significant subsurface features including bedrock surfaces, perched groundwater tables, cavities/sinkholes, or potential contaminant plumes.

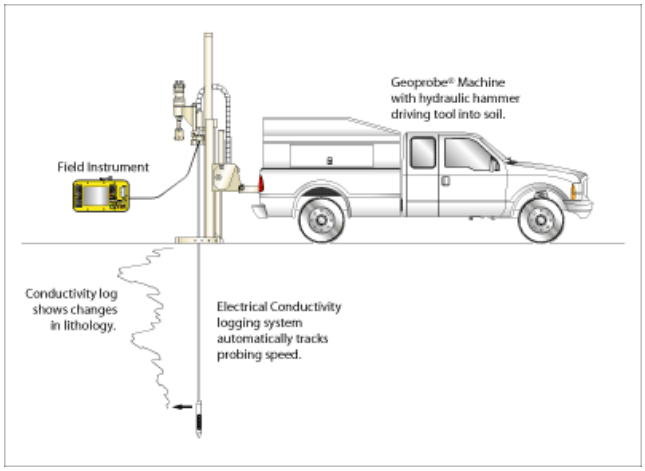
AGI SuperSting R8 IP Earth Resistivity and IP Meter assembly.



Resistivity pseudosection across a backfilled canal. Approximately 10' of high resistivity/low conductivity surficial fill (blue) over low resistivity/high conductivity canal backfill (orange-red).

Down-hole Conductivity

TPI is also able to collect down-hole soil conductivity data with an electric conductivity probe. The EC probe is driven into the subsurface by a direct push unit. A current is induced in the native soil between two contacts at opposite ends of the probe. The soil conductivity is then calculated based upon the ratio of induced current to resultant voltage across the probe. Down-hole EC profiling is particularly useful in the efficient determination of soil grain size (permeable sands vs impermeable clays), water content, and metal content.



Electrical conductivity probe

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APPENDIX B

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0
Automated Report

Technical Report for

Tetra Tech EC Inc.

Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

SGS Accutest Job Number: JC34158

Sampling Date: 12/21/16

Report to:

Tetra Tech EC Inc.
One Oxford Valley Suite 200
Langhorne, PA 19047
Jonathan.Dziekan@TetraTech.com

ATTN: Jonathan Dziekan

Total number of pages in report: **132**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Daniel Axelrod 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (L-A-B L2248)

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Sample Summary

Tetra Tech EC Inc.

Job No: JC34158

Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC34158-1	12/21/16	10:10	DM	12/21/16	SO	Soil	HOFF SB-18_7-8
JC34158-2	12/21/16	11:00	DM	12/21/16	SO	Soil	HOFF SB-03_8-9
JC34158-3	12/21/16	12:25	DM	12/21/16	SO	Soil	HOFF SB-15_6.5-7.5
JC34158-4	12/21/16	13:10	DM	12/21/16	SO	Soil	HOFF SB-14_8.5-9.5
JC34158-5	12/21/16	14:10	DM	12/21/16	SO	Soil	HOFF SB-16_7-8
JC34158-6	12/21/16	14:55	DM	12/21/16	SO	Soil	HOFF SB-19_4.5-5.5
JC34158-7	12/21/16	15:30	DM	12/21/16	SO	Soil	HOFF SB-20_7-8

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC34158
Account: Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA
Collected: 12/21/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC34158-1	**HOFF SB-18_7-8**					
2,4-D [a]		52.8	38	17	ug/kg	SW846 8151
Aluminum		35900	59		mg/kg	SW846 6010C
Arsenic		4.9	2.4		mg/kg	SW846 6010C
Barium		66.1	24		mg/kg	SW846 6010C
Beryllium [b]		1.9	0.47		mg/kg	SW846 6010C
Calcium		4130	590		mg/kg	SW846 6010C
Chromium		81.0	1.2		mg/kg	SW846 6010C
Cobalt [b]		23.6	12		mg/kg	SW846 6010C
Copper [b]		275	5.9		mg/kg	SW846 6010C
Iron		43000	120		mg/kg	SW846 6010C
Lead [b]		36.9	4.7		mg/kg	SW846 6010C
Magnesium		20300	590		mg/kg	SW846 6010C
Manganese [b]		1070	3.5		mg/kg	SW846 6010C
Nickel		39.4	4.7		mg/kg	SW846 6010C
Potassium		6900	1200		mg/kg	SW846 6010C
Silver [b]		1.4	1.2		mg/kg	SW846 6010C
Vanadium		182	5.9		mg/kg	SW846 6010C
Zinc		79.2	5.9		mg/kg	SW846 6010C
JC34158-2	**HOFF SB-03_8-9**					
Acenaphthene [c]		329	120	42	ug/kg	SW846 8270D
Butyl benzyl phthalate [c]		188 J	240	30	ug/kg	SW846 8270D
1,1'-Biphenyl [c]		191 J	240	17	ug/kg	SW846 8270D
Di-n-butyl phthalate [c]		203 J	240	20	ug/kg	SW846 8270D
bis(2-Ethylhexyl)phthalate [c]		672	240	29	ug/kg	SW846 8270D
Fluorene [c]		467	120	56	ug/kg	SW846 8270D
2-Methylnaphthalene [c]		1110	240	28	ug/kg	SW846 8270D
Phenanthrene [c]		350	120	41	ug/kg	SW846 8270D
Pyrene [c]		82.9 J	120	39	ug/kg	SW846 8270D
gamma-BHC (Lindane) [a]		4.8	0.85	0.38	ug/kg	SW846 8081B
Aluminum		23200	63		mg/kg	SW846 6010C
Arsenic		7.1	2.5		mg/kg	SW846 6010C
Barium		92.2	25		mg/kg	SW846 6010C
Beryllium [b]		1.4	0.50		mg/kg	SW846 6010C
Cadmium		2.1	0.63		mg/kg	SW846 6010C
Calcium		3110	630		mg/kg	SW846 6010C
Chromium		54.2	1.3		mg/kg	SW846 6010C
Cobalt [b]		16.7	13		mg/kg	SW846 6010C
Copper		42.6	3.1		mg/kg	SW846 6010C
Iron		31700	63		mg/kg	SW846 6010C
Lead		44.3	2.5		mg/kg	SW846 6010C
Magnesium		9080	630		mg/kg	SW846 6010C

Summary of Hits

Job Number: JC34158
Account: Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA
Collected: 12/21/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Manganese		459	1.9		mg/kg	SW846 6010C
Nickel		32.5	5.0		mg/kg	SW846 6010C
Potassium		2140	1300		mg/kg	SW846 6010C
Vanadium		71.0	6.3		mg/kg	SW846 6010C
Zinc		172	6.3		mg/kg	SW846 6010C
JC34158-3	**HOFF SB-15_6.5-7.5**					
Acetone		37.8	20	10	ug/kg	SW846 8260C
2-Butanone (MEK)		7.5 J	20	3.5	ug/kg	SW846 8260C
Carbon disulfide		4.2	4.0	0.34	ug/kg	SW846 8260C
1,1-Dichloroethane		2.0	2.0	0.37	ug/kg	SW846 8260C
Ethylbenzene		1.7 J	2.0	0.30	ug/kg	SW846 8260C
Isopropylbenzene		1.9 J	4.0	0.31	ug/kg	SW846 8260C
Methylcyclohexane		8.3	4.0	1.0	ug/kg	SW846 8260C
Toluene		1.6 J	2.0	0.25	ug/kg	SW846 8260C
m,p-Xylene		1.3 J	2.0	0.44	ug/kg	SW846 8260C
o-Xylene		2.6	2.0	0.40	ug/kg	SW846 8260C
Xylene (total)		3.9	2.0	0.40	ug/kg	SW846 8260C
Benzo(a)anthracene [c]		56.5 J	120	35	ug/kg	SW846 8270D
Chrysene [c]		59.1 J	120	39	ug/kg	SW846 8270D
Di-n-octyl phthalate [c]		125 J	250	31	ug/kg	SW846 8270D
bis(2-Ethylhexyl)phthalate [c]		1340	250	29	ug/kg	SW846 8270D
Fluoranthene [c]		170	120	55	ug/kg	SW846 8270D
Fluorene [c]		1090	120	57	ug/kg	SW846 8270D
Phenanthrene [c]		1060	120	42	ug/kg	SW846 8270D
Pyrene [c]		262	120	40	ug/kg	SW846 8270D
Aluminum		23700	66		mg/kg	SW846 6010C
Arsenic		8.2	2.6		mg/kg	SW846 6010C
Barium		103	26		mg/kg	SW846 6010C
Beryllium [b]		2.2	0.53		mg/kg	SW846 6010C
Cadmium		2.5	0.66		mg/kg	SW846 6010C
Calcium		4700	660		mg/kg	SW846 6010C
Chromium		54.4	1.3		mg/kg	SW846 6010C
Cobalt		22.0	6.6		mg/kg	SW846 6010C
Copper [b]		27.9	6.6		mg/kg	SW846 6010C
Iron		33600	66		mg/kg	SW846 6010C
Lead		35.8	2.6		mg/kg	SW846 6010C
Magnesium		10900	660		mg/kg	SW846 6010C
Manganese		700	2.0		mg/kg	SW846 6010C
Nickel		51.2	5.3		mg/kg	SW846 6010C
Potassium		1590	1300		mg/kg	SW846 6010C
Vanadium		88.9	6.6		mg/kg	SW846 6010C
Zinc		184	6.6		mg/kg	SW846 6010C

Summary of Hits

Job Number: JC34158
Account: Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA
Collected: 12/21/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC34158-4	**HOFF SB-14_8.5-9.5**					
m,p-Xylene		0.46 J	1.4	0.31	ug/kg	SW846 8260C
Xylene (total)		0.46 J	1.4	0.28	ug/kg	SW846 8260C
Aluminum		18800	65		mg/kg	SW846 6010C
Arsenic		5.2	2.6		mg/kg	SW846 6010C
Barium		30.4	26		mg/kg	SW846 6010C
Beryllium [b]		1.5	0.52		mg/kg	SW846 6010C
Calcium		5050	650		mg/kg	SW846 6010C
Chromium		54.6	1.3		mg/kg	SW846 6010C
Cobalt [b]		15.3	13		mg/kg	SW846 6010C
Copper		3.6	3.2		mg/kg	SW846 6010C
Iron		32600	65		mg/kg	SW846 6010C
Lead		3.9	2.6		mg/kg	SW846 6010C
Magnesium		9440	650		mg/kg	SW846 6010C
Manganese		538	1.9		mg/kg	SW846 6010C
Nickel		37.5	5.2		mg/kg	SW846 6010C
Vanadium		69.5	6.5		mg/kg	SW846 6010C
Zinc		69.3	6.5		mg/kg	SW846 6010C
JC34158-5	**HOFF SB-16_7-8**					
Acetone		23.9	10	5.2	ug/kg	SW846 8260C
1,1-Dichloroethane		0.49 J	1.0	0.19	ug/kg	SW846 8260C
Aluminum		50400	61		mg/kg	SW846 6010C
Arsenic		7.7	2.4		mg/kg	SW846 6010C
Barium		86.3	24		mg/kg	SW846 6010C
Beryllium [b]		2.6	0.49		mg/kg	SW846 6010C
Calcium		3090	610		mg/kg	SW846 6010C
Chromium		74.8	1.2		mg/kg	SW846 6010C
Cobalt [b]		28.4	12		mg/kg	SW846 6010C
Copper [b]		10.2	6.1		mg/kg	SW846 6010C
Iron		49400	120		mg/kg	SW846 6010C
Lead [b]		6.6	4.9		mg/kg	SW846 6010C
Magnesium		20300	610		mg/kg	SW846 6010C
Manganese [b]		563	3.7		mg/kg	SW846 6010C
Nickel		61.8	4.9		mg/kg	SW846 6010C
Potassium		12700	1200		mg/kg	SW846 6010C
Vanadium		102	6.1		mg/kg	SW846 6010C
Zinc		50.2	6.1		mg/kg	SW846 6010C
JC34158-6	**HOFF SB-19_4.5-5.5**					
1,2-Dichlorobenzene		1.1 J	1.3	0.23	ug/kg	SW846 8260C
1,1-Dichloroethane		3.3	1.3	0.25	ug/kg	SW846 8260C

Summary of Hits

Job Number: JC34158
Account: Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA
Collected: 12/21/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Aluminum		28900	62		mg/kg	SW846 6010C
Arsenic		6.3	2.5		mg/kg	SW846 6010C
Barium		72.2	25		mg/kg	SW846 6010C
Beryllium [b]		1.7	0.50		mg/kg	SW846 6010C
Calcium		3440	620		mg/kg	SW846 6010C
Chromium		56.9	1.2		mg/kg	SW846 6010C
Cobalt [b]		18.3	12		mg/kg	SW846 6010C
Copper		17.8	3.1		mg/kg	SW846 6010C
Iron		31400	62		mg/kg	SW846 6010C
Lead		5.0	2.5		mg/kg	SW846 6010C
Magnesium		10000	620		mg/kg	SW846 6010C
Manganese		295	1.9		mg/kg	SW846 6010C
Nickel		42.3	5.0		mg/kg	SW846 6010C
Potassium		3460	1200		mg/kg	SW846 6010C
Vanadium		69.6	6.2		mg/kg	SW846 6010C
Zinc		55.9	6.2		mg/kg	SW846 6010C
JC34158-7	**HOFF SB-20_7-8**					
Acetone		15.2	12	6.1	ug/kg	SW846 8260C
1,1-Dichloroethane		0.67 J	1.2	0.23	ug/kg	SW846 8260C
Aluminum		20000	58		mg/kg	SW846 6010C
Barium		36.4	23		mg/kg	SW846 6010C
Beryllium [b]		1.6	0.70		mg/kg	SW846 6010C
Calcium		2300	580		mg/kg	SW846 6010C
Chromium [b]		69.2	3.5		mg/kg	SW846 6010C
Iron		38800	170		mg/kg	SW846 6010C
Magnesium		8120	580		mg/kg	SW846 6010C
Manganese [b]		495	5.2		mg/kg	SW846 6010C
Nickel		29.0	4.6		mg/kg	SW846 6010C
Vanadium [b]		80.7	17		mg/kg	SW846 6010C
Zinc		82.7	5.8		mg/kg	SW846 6010C

(a) More than 40 % RPD for detected concentrations between the two GC columns.
(b) Elevated detection limit due to dilution required for high interfering element.
(c) Elevated detection limit due to low volume of bad matrix sample extracted.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	HOFF SB-18_7-8		
Lab Sample ID:	JC34158-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	85.9
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z117693.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	77	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	68	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	190	41	ug/kg	
95-48-7	2-Methylphenol	ND	77	25	ug/kg	
	3&4-Methylphenol	ND	77	32	ug/kg	
88-75-5	2-Nitrophenol	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol	ND	150	36	ug/kg	
108-95-2	Phenol	ND	77	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	23	ug/kg	
83-32-9	Acenaphthene	ND	38	13	ug/kg	
208-96-8	Acenaphthylene	ND	38	20	ug/kg	
98-86-2	Acetophenone	ND	190	8.3	ug/kg	
120-12-7	Anthracene	ND	38	24	ug/kg	
1912-24-9	Atrazine	ND	77	16	ug/kg	
56-55-3	Benzo(a)anthracene	ND	38	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	77	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	77	9.4	ug/kg	
92-52-4	1,1'-Biphenyl	ND	77	5.3	ug/kg	
100-52-7	Benzaldehyde	ND	190	9.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	77	9.1	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	ND	77	5.6	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-18_7-8		
Lab Sample ID:	JC34158-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	85.9
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	77	15	ug/kg	
218-01-9	Chrysene	ND	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	77	8.2	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	77	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	77	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	77	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	77	32	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	38	17	ug/kg	
132-64-9	Dibenzofuran	ND	77	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	77	6.3	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	77	9.6	ug/kg	
84-66-2	Diethyl phthalate	ND	77	8.2	ug/kg	
131-11-3	Dimethyl phthalate	ND	77	6.8	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	77	9.0	ug/kg	
206-44-0	Fluoranthene	ND	38	17	ug/kg	
86-73-7	Fluorene	ND	38	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	77	9.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	15	ug/kg	
67-72-1	Hexachloroethane	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	38	18	ug/kg	
78-59-1	Isophorone	ND	77	8.2	ug/kg	
91-57-6	2-Methylnaphthalene	ND	77	8.7	ug/kg	
88-74-4	2-Nitroaniline	ND	190	9.1	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.6	ug/kg	
100-01-6	4-Nitroaniline	ND	190	10	ug/kg	
91-20-3	Naphthalene	ND	38	11	ug/kg	
98-95-3	Nitrobenzene	ND	77	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	77	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	ND	38	13	ug/kg	
129-00-0	Pyrene	ND	38	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		30-106%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-18_7-8		
Lab Sample ID:	JC34158-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	85.9
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	80%		30-106%
118-79-6	2,4,6-Tribromophenol	101%		24-140%
4165-60-0	Nitrobenzene-d5	77%		26-122%
321-60-8	2-Fluorobiphenyl	76%		36-112%
1718-51-0	Terphenyl-d14	87%		36-132%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-18_7-8		
Lab Sample ID:	JC34158-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8151 SW846 8151/3550C	**Percent Solids:**	85.9
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA122342.D	2	12/28/16	VDT	12/26/16	OP99472	GOA4203
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D [a]	52.8	38	17	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	7.6	2.8	ug/kg	
93-76-5	2,4,5-T	ND	7.6	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	20%		10-156%
19719-28-9	2,4-DCAA	16%		10-156%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-18_7-8		
Lab Sample ID:	JC34158-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8081B SW846 3546	**Percent Solids:**	85.9
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G42647.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.76	0.36	ug/kg	
319-84-6	alpha-BHC	ND	0.76	0.41	ug/kg	
319-85-7	beta-BHC	ND	0.76	0.47	ug/kg	
319-86-8	delta-BHC	ND	0.76	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.76	0.33	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.76	0.36	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.76	0.33	ug/kg	
60-57-1	Dieldrin	ND	0.76	0.38	ug/kg	
72-54-8	4,4'-DDD	ND	0.76	0.48	ug/kg	
72-55-9	4,4'-DDE	ND	0.76	0.39	ug/kg	
50-29-3	4,4'-DDT	ND	0.76	0.45	ug/kg	
72-20-8	Endrin	ND	0.76	0.35	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.76	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.76	0.45	ug/kg	
959-98-8	Endosulfan-I	ND	0.76	0.40	ug/kg	
33213-65-9	Endosulfan-II	ND	0.76	0.40	ug/kg	
76-44-8	Heptachlor	ND	0.76	0.37	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.76	0.41	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.38	ug/kg	
53494-70-5	Endrin ketone	ND	0.76	0.58	ug/kg	
8001-35-2	Toxaphene	ND	19	7.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%		24-136%
877-09-8	Tetrachloro-m-xylene	73%		24-136%
2051-24-3	Decachlorobiphenyl	85%		10-153%
2051-24-3	Decachlorobiphenyl	82%		10-153%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-18_7-8		
Lab Sample ID:	JC34158-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
		Percent Solids:	85.9
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	35900	59	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.4	2.4	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Arsenic	4.9	2.4	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Barium	66.1	24	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Beryllium [a]	1.9	0.47	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Cadmium [a]	< 1.2	1.2	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Calcium	4130	590	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Chromium	81.0	1.2	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Cobalt [a]	23.6	12	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Copper [a]	275	5.9	mg/kg	2	12/29/16	01/04/17	KS	SW846 6010C [4]	SW846 3050B [5]
Iron	43000	120	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Lead [a]	36.9	4.7	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Magnesium	20300	590	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Manganese [a]	1070	3.5	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Mercury	< 0.036	0.036	mg/kg	1	12/29/16	12/29/16	JPM	SW846 7471B [1]	SW846 7471B [6]
Nickel	39.4	4.7	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Potassium	6900	1200	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Selenium [a]	< 4.7	4.7	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Silver [a]	1.4	1.2	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Sodium	< 1200	1200	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Thallium [a]	< 2.4	2.4	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Vanadium	182	5.9	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Zinc	79.2	5.9	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA41059
(2) Instrument QC Batch: MA41075
(3) Instrument QC Batch: MA41088
(4) Instrument QC Batch: MA41098
(5) Prep QC Batch: MP97882
(6) Prep QC Batch: MP97889

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	HOFF SB-03_8-9		
Lab Sample ID:	JC34158-2	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	77.2
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	Z117694.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
Run #2							

	Initial Weight	Final Volume
Run #1	10.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	240	60	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	610	75	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	610	100	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	610	220	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	610	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	610	130	ug/kg	
95-48-7	2-Methylphenol	ND	240	78	ug/kg	
	3&4-Methylphenol	ND	240	100	ug/kg	
88-75-5	2-Nitrophenol	ND	610	81	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	330	ug/kg	
87-86-5	Pentachlorophenol	ND	490	110	ug/kg	
108-95-2	Phenol	ND	240	64	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	610	81	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	610	92	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	610	73	ug/kg	
83-32-9	Acenaphthene	329	120	42	ug/kg	
208-96-8	Acenaphthylene	ND	120	62	ug/kg	
98-86-2	Acetophenone	ND	610	26	ug/kg	
120-12-7	Anthracene	ND	120	75	ug/kg	
1912-24-9	Atrazine	ND	240	52	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	56	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	54	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	61	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	57	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	47	ug/kg	
85-68-7	Butyl benzyl phthalate	188	240	30	ug/kg	J
92-52-4	1,1'-Biphenyl	191	240	17	ug/kg	J
100-52-7	Benzaldehyde	ND	610	30	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	29	ug/kg	
106-47-8	4-Chloroaniline	ND	610	44	ug/kg	
86-74-8	Carbazole	ND	240	18	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-03_8-9		
Lab Sample ID:	JC34158-2	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	77.2
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	240	48	ug/kg	
218-01-9	Chrysene	ND	120	38	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	26	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	53	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	44	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	120	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	120	61	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	240	100	ug/kg	
123-91-1	1,4-Dioxane	ND	120	81	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	54	ug/kg	
132-64-9	Dibenzofuran	ND	240	50	ug/kg	
84-74-2	Di-n-butyl phthalate	203	240	20	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	240	30	ug/kg	
84-66-2	Diethyl phthalate	ND	240	26	ug/kg	
131-11-3	Dimethyl phthalate	ND	240	22	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	672	240	29	ug/kg	
206-44-0	Fluoranthene	ND	120	55	ug/kg	
86-73-7	Fluorene	467	120	56	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	31	ug/kg	
87-68-3	Hexachlorobutadiene	ND	120	49	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1200	49	ug/kg	
67-72-1	Hexachloroethane	ND	610	60	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	57	ug/kg	
78-59-1	Isophorone	ND	240	26	ug/kg	
91-57-6	2-Methylnaphthalene	1110	240	28	ug/kg	
88-74-4	2-Nitroaniline	ND	610	29	ug/kg	
99-09-2	3-Nitroaniline	ND	610	31	ug/kg	
100-01-6	4-Nitroaniline	ND	610	32	ug/kg	
91-20-3	Naphthalene	ND	120	34	ug/kg	
98-95-3	Nitrobenzene	ND	240	47	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	35	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	610	45	ug/kg	
85-01-8	Phenanthrene	350	120	41	ug/kg	
129-00-0	Pyrene	82.9	120	39	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	610	31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		30-106%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-03_8-9		
Lab Sample ID:	JC34158-2	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	77.2
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	83%		30-106%
118-79-6	2,4,6-Tribromophenol	117%		24-140%
4165-60-0	Nitrobenzene-d5	84%		26-122%
321-60-8	2-Fluorobiphenyl	78%		36-112%
1718-51-0	Terphenyl-d14	98%		36-132%

(a) Elevated detection limit due to low volume of bad matrix sample extracted.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-03_8-9		
Lab Sample ID:	JC34158-2	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8151 SW846 8151/3550C	**Percent Solids:**	77.2
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA122343.D	2	12/28/16	VDT	12/26/16	OP99472	GOA4203
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	43	19	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	8.5	3.1	ug/kg	
93-76-5	2,4,5-T	ND	8.5	3.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	104%		10-156%
19719-28-9	2,4-DCAA	95%		10-156%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-03_8-9		
Lab Sample ID:	JC34158-2	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8081B SW846 3546	**Percent Solids:**	77.2
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G42780.D	1	12/30/16	CP	12/22/16	OP99419	G6G1216
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.85	0.41	ug/kg	
319-84-6	alpha-BHC	ND	0.85	0.46	ug/kg	
319-85-7	beta-BHC	ND	0.85	0.54	ug/kg	
319-86-8	delta-BHC	ND	0.85	0.39	ug/kg	
58-89-9	gamma-BHC (Lindane) [a]	4.8	0.85	0.38	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.85	0.40	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.85	0.38	ug/kg	
60-57-1	Dieldrin	ND	0.85	0.43	ug/kg	
72-54-8	4,4'-DDD	ND	0.85	0.55	ug/kg	
72-55-9	4,4'-DDE	ND	0.85	0.44	ug/kg	
50-29-3	4,4'-DDT	ND	0.85	0.51	ug/kg	
72-20-8	Endrin	ND	0.85	0.40	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.85	0.34	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.85	0.51	ug/kg	
959-98-8	Endosulfan-I	ND	0.85	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.85	0.45	ug/kg	
76-44-8	Heptachlor	ND	0.85	0.42	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.85	0.46	ug/kg	
72-43-5	Methoxychlor	ND	1.7	0.43	ug/kg	
53494-70-5	Endrin ketone	ND	0.85	0.66	ug/kg	
8001-35-2	Toxaphene	ND	21	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		24-136%
877-09-8	Tetrachloro-m-xylene	169% [b]		24-136%
2051-24-3	Decachlorobiphenyl	75%		10-153%
2051-24-3	Decachlorobiphenyl	111%		10-153%

(a) More than 40 % RPD for detected concentrations between the two GC columns.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-03_8-9		
Lab Sample ID:	JC34158-2	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
		Percent Solids:	77.2
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	23200	63	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Antimony	< 2.5	2.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Arsenic	7.1	2.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Barium	92.2	25	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Beryllium [a]	1.4	0.50	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Cadmium	2.1	0.63	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Calcium	3110	630	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Chromium	54.2	1.3	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Cobalt [a]	16.7	13	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Copper	42.6	3.1	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Iron	31700	63	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Lead	44.3	2.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Magnesium	9080	630	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Manganese	459	1.9	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.034	0.034	mg/kg	1	12/29/16	12/29/16	JPM	SW846 7471B [1]	SW846 7471B [5]
Nickel	32.5	5.0	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Potassium	2140	1300	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Selenium	< 2.5	2.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.63	0.63	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Sodium	< 1300	1300	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Thallium [a]	< 2.5	2.5	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Vanadium	71.0	6.3	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Zinc	172	6.3	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA41059
(2) Instrument QC Batch: MA41075
(3) Instrument QC Batch: MA41088
(4) Prep QC Batch: MP97882
(5) Prep QC Batch: MP97889

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	HOFF SB-15_6.5-7.5		
Lab Sample ID:	JC34158-3	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	76.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y169114.D	1	01/03/17	PS	12/22/16 09:10	n/a	VY7336
Run #2							

	Initial Weight
Run #1	3.3 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	37.8	20	10	ug/kg	
71-43-2	Benzene	ND	1.0	0.24	ug/kg	
74-97-5	Bromochloromethane	ND	10	0.64	ug/kg	
75-27-4	Bromodichloromethane	ND	4.0	0.30	ug/kg	
75-25-2	Bromoform	ND	10	0.53	ug/kg	
74-83-9	Bromomethane	ND	10	0.97	ug/kg	
78-93-3	2-Butanone (MEK)	7.5	20	3.5	ug/kg	J
75-15-0	Carbon disulfide	4.2	4.0	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.0	0.33	ug/kg	
108-90-7	Chlorobenzene	ND	4.0	0.32	ug/kg	
75-00-3	Chloroethane	ND	10	0.85	ug/kg	
67-66-3	Chloroform	ND	4.0	0.47	ug/kg	
74-87-3	Chloromethane	ND	10	0.42	ug/kg	
110-82-7	Cyclohexane	ND	4.0	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	0.96	ug/kg	
124-48-1	Dibromochloromethane	ND	4.0	0.30	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	0.48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.27	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.30	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	10	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	2.0	2.0	0.37	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.34	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.30	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.87	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.31	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.0	0.62	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	0.39	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	0.44	ug/kg	
100-41-4	Ethylbenzene	1.7	2.0	0.30	ug/kg	J
76-13-1	Freon 113	ND	10	0.96	ug/kg	
591-78-6	2-Hexanone	ND	10	2.8	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-15_6.5-7.5		
Lab Sample ID:	JC34158-3	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	76.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	1.9	4.0	0.31	ug/kg	J
79-20-9	Methyl Acetate	ND	10	4.0	ug/kg	
108-87-2	Methylcyclohexane	8.3	4.0	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.53	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	10	1.7	ug/kg	
75-09-2	Methylene chloride	ND	10	2.0	ug/kg	
100-42-5	Styrene	ND	4.0	0.29	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	0.48	ug/kg	
127-18-4	Tetrachloroethene	ND	4.0	0.56	ug/kg	
108-88-3	Toluene	1.6	2.0	0.25	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	10	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	10	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.0	0.33	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.0	0.64	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.38	ug/kg	
75-69-4	Trichlorofluoromethane	ND	10	1.3	ug/kg	
75-01-4	Vinyl chloride	ND	4.0	0.40	ug/kg	
	m,p-Xylene	1.3	2.0	0.44	ug/kg	J
95-47-6	o-Xylene	2.6	2.0	0.40	ug/kg	
1330-20-7	Xylene (total)	3.9	2.0	0.40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-122%
17060-07-0	1,2-Dichloroethane-D4	112%		68-124%
2037-26-5	Toluene-D8	104%		77-125%
460-00-4	4-Bromofluorobenzene	107%		72-130%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-15_6.5-7.5		
Lab Sample ID:	JC34158-3	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	76.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	Z117698.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
Run #2							

	Initial Weight	Final Volume
Run #1	10.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	250	61	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	620	76	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	620	110	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	620	220	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	620	470	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	620	130	ug/kg	
95-48-7	2-Methylphenol	ND	250	79	ug/kg	
	3&4-Methylphenol	ND	250	100	ug/kg	
88-75-5	2-Nitrophenol	ND	620	82	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	330	ug/kg	
87-86-5	Pentachlorophenol	ND	500	120	ug/kg	
108-95-2	Phenol	ND	250	65	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	620	82	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	620	93	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	620	74	ug/kg	
83-32-9	Acenaphthene	ND	120	43	ug/kg	
208-96-8	Acenaphthylene	ND	120	63	ug/kg	
98-86-2	Acetophenone	ND	620	27	ug/kg	
120-12-7	Anthracene	ND	120	76	ug/kg	
1912-24-9	Atrazine	ND	250	53	ug/kg	
56-55-3	Benzo(a)anthracene	56.5	120	35	ug/kg	J
50-32-8	Benzo(a)pyrene	ND	120	56	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	55	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	62	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	58	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	250	48	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	250	30	ug/kg	
92-52-4	1,1'-Biphenyl	ND	250	17	ug/kg	
100-52-7	Benzaldehyde	ND	620	31	ug/kg	
91-58-7	2-Chloronaphthalene	ND	250	30	ug/kg	
106-47-8	4-Chloroaniline	ND	620	45	ug/kg	
86-74-8	Carbazole	ND	250	18	ug/kg	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-15_6.5-7.5		
Lab Sample ID:	JC34158-3	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	76.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	250	49	ug/kg	
218-01-9	Chrysene	59.1	120	39	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	250	27	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	250	53	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	250	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	250	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	120	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	120	62	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	250	100	ug/kg	
123-91-1	1,4-Dioxane	ND	120	82	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	55	ug/kg	
132-64-9	Dibenzofuran	ND	250	50	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	250	20	ug/kg	
117-84-0	Di-n-octyl phthalate	125	250	31	ug/kg	J
84-66-2	Diethyl phthalate	ND	250	26	ug/kg	
131-11-3	Dimethyl phthalate	ND	250	22	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	1340	250	29	ug/kg	
206-44-0	Fluoranthene	170	120	55	ug/kg	
86-73-7	Fluorene	1090	120	57	ug/kg	
118-74-1	Hexachlorobenzene	ND	250	31	ug/kg	
87-68-3	Hexachlorobutadiene	ND	120	50	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1200	49	ug/kg	
67-72-1	Hexachloroethane	ND	620	61	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	58	ug/kg	
78-59-1	Isophorone	ND	250	27	ug/kg	
91-57-6	2-Methylnaphthalene	ND	250	28	ug/kg	
88-74-4	2-Nitroaniline	ND	620	29	ug/kg	
99-09-2	3-Nitroaniline	ND	620	31	ug/kg	
100-01-6	4-Nitroaniline	ND	620	32	ug/kg	
91-20-3	Naphthalene	ND	120	35	ug/kg	
98-95-3	Nitrobenzene	ND	250	48	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	250	36	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	620	45	ug/kg	
85-01-8	Phenanthrene	1060	120	42	ug/kg	
129-00-0	Pyrene	262	120	40	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	620	31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		30-106%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-15_6.5-7.5		
Lab Sample ID:	JC34158-3	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	76.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	81%		30-106%
118-79-6	2,4,6-Tribromophenol	114%		24-140%
4165-60-0	Nitrobenzene-d5	89%		26-122%
321-60-8	2-Fluorobiphenyl	76%		36-112%
1718-51-0	Terphenyl-d14	88%		36-132%

(a) Elevated detection limit due to low volume of bad matrix sample extracted.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-15_6.5-7.5		
Lab Sample ID:	JC34158-3	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8151 SW846 8151/3550C	**Percent Solids:**	76.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA122344.D	2	12/28/16	VDT	12/26/16	OP99472	GOA4203
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	43	19	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	8.5	3.1	ug/kg	
93-76-5	2,4,5-T	ND	8.5	3.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	52%		10-156%
19719-28-9	2,4-DCAA	39%		10-156%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-15_6.5-7.5		
Lab Sample ID:	JC34158-3	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8081B SW846 3546	**Percent Solids:**	76.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G42781.D	1	12/30/16	CP	12/22/16	OP99419	G6G1216
Run #2							

	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.82	0.39	ug/kg	
319-84-6	alpha-BHC	ND	0.82	0.44	ug/kg	
319-85-7	beta-BHC	ND	0.82	0.52	ug/kg	
319-86-8	delta-BHC	ND	0.82	0.37	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.82	0.36	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.82	0.39	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.82	0.36	ug/kg	
60-57-1	Dieldrin	ND	0.82	0.41	ug/kg	
72-54-8	4,4'-DDD	ND	0.82	0.53	ug/kg	
72-55-9	4,4'-DDE	ND	0.82	0.43	ug/kg	
50-29-3	4,4'-DDT	ND	0.82	0.49	ug/kg	
72-20-8	Endrin	ND	0.82	0.39	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.82	0.33	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.82	0.49	ug/kg	
959-98-8	Endosulfan-I	ND	0.82	0.43	ug/kg	
33213-65-9	Endosulfan-II	ND	0.82	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.82	0.40	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.82	0.44	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.41	ug/kg	
53494-70-5	Endrin ketone	ND	0.82	0.63	ug/kg	
8001-35-2	Toxaphene	ND	21	8.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		24-136%
877-09-8	Tetrachloro-m-xylene	118%		24-136%
2051-24-3	Decachlorobiphenyl	94%		10-153%
2051-24-3	Decachlorobiphenyl	104%		10-153%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-15_6.5-7.5		
Lab Sample ID:	JC34158-3	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
		Percent Solids:	76.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	23700	66	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.6	2.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Arsenic	8.2	2.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Barium	103	26	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Beryllium [a]	2.2	0.53	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Cadmium	2.5	0.66	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Calcium	4700	660	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Chromium	54.4	1.3	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Cobalt	22.0	6.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Copper [a]	27.9	6.6	mg/kg	2	12/29/16	01/04/17	KS	SW846 6010C [4]	SW846 3050B [5]
Iron	33600	66	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Lead	35.8	2.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Magnesium	10900	660	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Manganese	700	2.0	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Mercury	< 0.034	0.034	mg/kg	1	12/29/16	12/29/16	JPM	SW846 7471B [1]	SW846 7471B [6]
Nickel	51.2	5.3	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Potassium	1590	1300	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.6	2.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Silver	< 0.66	0.66	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1300	1300	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Thallium [a]	< 2.6	2.6	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Vanadium	88.9	6.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Zinc	184	6.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA41059
(2) Instrument QC Batch: MA41075
(3) Instrument QC Batch: MA41088
(4) Instrument QC Batch: MA41098
(5) Prep QC Batch: MP97882
(6) Prep QC Batch: MP97889

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	HOFF SB-14_8.5-9.5		
Lab Sample ID:	JC34158-4	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	80.7
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y169096.D	1	01/03/17	PS	12/22/16 09:10	n/a	VY7336
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14	7.0	ug/kg	
71-43-2	Benzene	ND	0.70	0.17	ug/kg	
74-97-5	Bromochloromethane	ND	7.0	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.8	0.21	ug/kg	
75-25-2	Bromoform	ND	7.0	0.37	ug/kg	
74-83-9	Bromomethane	ND	7.0	0.68	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	2.8	0.24	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.8	0.23	ug/kg	
108-90-7	Chlorobenzene	ND	2.8	0.23	ug/kg	
75-00-3	Chloroethane	ND	7.0	0.60	ug/kg	
67-66-3	Chloroform	ND	2.8	0.34	ug/kg	
74-87-3	Chloromethane	ND	7.0	0.30	ug/kg	
110-82-7	Cyclohexane	ND	2.8	0.77	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.68	ug/kg	
124-48-1	Dibromochloromethane	ND	2.8	0.21	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.4	0.24	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.4	0.19	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.4	0.22	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	0.77	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.24	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.22	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.62	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.22	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.8	0.44	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.8	0.28	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.8	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.21	ug/kg	
76-13-1	Freon 113	ND	7.0	0.68	ug/kg	
591-78-6	2-Hexanone	ND	7.0	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-14_8.5-9.5		
Lab Sample ID:	JC34158-4	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	80.7
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.8	0.22	ug/kg	
79-20-9	Methyl Acetate	ND	7.0	2.9	ug/kg	
108-87-2	Methylcyclohexane	ND	2.8	0.71	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.0	1.2	ug/kg	
75-09-2	Methylene chloride	ND	7.0	1.4	ug/kg	
100-42-5	Styrene	ND	2.8	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.8	0.34	ug/kg	
127-18-4	Tetrachloroethene	ND	2.8	0.40	ug/kg	
108-88-3	Toluene	ND	1.4	0.18	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	0.70	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	0.70	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.8	0.24	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.8	0.45	ug/kg	
79-01-6	Trichloroethene	ND	1.4	0.27	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.0	0.89	ug/kg	
75-01-4	Vinyl chloride	ND	2.8	0.28	ug/kg	
	m,p-Xylene	0.46	1.4	0.31	ug/kg	J
95-47-6	o-Xylene	ND	1.4	0.28	ug/kg	
1330-20-7	Xylene (total)	0.46	1.4	0.28	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-122%
17060-07-0	1,2-Dichloroethane-D4	108%		68-124%
2037-26-5	Toluene-D8	101%		77-125%
460-00-4	4-Bromofluorobenzene	102%		72-130%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-14_8.5-9.5		
Lab Sample ID:	JC34158-4	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	80.7
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z117699.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	82	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	73	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	210	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	210	44	ug/kg	
95-48-7	2-Methylphenol	ND	82	26	ug/kg	
	3&4-Methylphenol	ND	82	34	ug/kg	
88-75-5	2-Nitrophenol	ND	210	27	ug/kg	
100-02-7	4-Nitrophenol	ND	410	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	39	ug/kg	
108-95-2	Phenol	ND	82	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	27	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	31	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	25	ug/kg	
83-32-9	Acenaphthene	ND	41	14	ug/kg	
208-96-8	Acenaphthylene	ND	41	21	ug/kg	
98-86-2	Acetophenone	ND	210	8.9	ug/kg	
120-12-7	Anthracene	ND	41	25	ug/kg	
1912-24-9	Atrazine	ND	82	18	ug/kg	
56-55-3	Benzo(a)anthracene	ND	41	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	41	19	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	41	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	41	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	41	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	82	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	82	10	ug/kg	
92-52-4	1,1'-Biphenyl	ND	82	5.6	ug/kg	
100-52-7	Benzaldehyde	ND	210	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	82	9.8	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	ND	82	6.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-14_8.5-9.5		
Lab Sample ID:	JC34158-4	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	80.7
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	82	16	ug/kg	
218-01-9	Chrysene	ND	41	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	82	8.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	82	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	82	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	82	13	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	41	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	41	21	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	82	34	ug/kg	
123-91-1	1,4-Dioxane	ND	41	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	41	18	ug/kg	
132-64-9	Dibenzofuran	ND	82	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	82	6.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	82	10	ug/kg	
84-66-2	Diethyl phthalate	ND	82	8.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	82	7.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	82	9.6	ug/kg	
206-44-0	Fluoranthene	ND	41	18	ug/kg	
86-73-7	Fluorene	ND	41	19	ug/kg	
118-74-1	Hexachlorobenzene	ND	82	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	41	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	410	16	ug/kg	
67-72-1	Hexachloroethane	ND	210	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	41	19	ug/kg	
78-59-1	Isophorone	ND	82	8.8	ug/kg	
91-57-6	2-Methylnaphthalene	ND	82	9.3	ug/kg	
88-74-4	2-Nitroaniline	ND	210	9.7	ug/kg	
99-09-2	3-Nitroaniline	ND	210	10	ug/kg	
100-01-6	4-Nitroaniline	ND	210	11	ug/kg	
91-20-3	Naphthalene	ND	41	12	ug/kg	
98-95-3	Nitrobenzene	ND	82	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	82	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	15	ug/kg	
85-01-8	Phenanthrene	ND	41	14	ug/kg	
129-00-0	Pyrene	ND	41	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	81%		30-106%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-14_8.5-9.5		
Lab Sample ID:	JC34158-4	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	80.7
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	82%		30-106%
118-79-6	2,4,6-Tribromophenol	109%		24-140%
4165-60-0	Nitrobenzene-d5	80%		26-122%
321-60-8	2-Fluorobiphenyl	80%		36-112%
1718-51-0	Terphenyl-d14	95%		36-132%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-14_8.5-9.5		
Lab Sample ID:	JC34158-4	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8151 SW846 8151/3550C	**Percent Solids:**	80.7
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA122345.D	2	12/28/16	VDT	12/26/16	OP99472	GOA4203
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	39	17	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	7.8	2.8	ug/kg	
93-76-5	2,4,5-T	ND	7.8	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	22%		10-156%
19719-28-9	2,4-DCAA	20%		10-156%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-14_8.5-9.5		
Lab Sample ID:	JC34158-4	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8081B SW846 3546	**Percent Solids:**	80.7
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G42655.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.77	0.37	ug/kg	
319-84-6	alpha-BHC	ND	0.77	0.41	ug/kg	
319-85-7	beta-BHC	ND	0.77	0.48	ug/kg	
319-86-8	delta-BHC	ND	0.77	0.35	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.77	0.34	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.77	0.37	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.77	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.77	0.38	ug/kg	
72-54-8	4,4'-DDD	ND	0.77	0.49	ug/kg	
72-55-9	4,4'-DDE	ND	0.77	0.40	ug/kg	
50-29-3	4,4'-DDT	ND	0.77	0.46	ug/kg	
72-20-8	Endrin	ND	0.77	0.36	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.77	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.77	0.46	ug/kg	
959-98-8	Endosulfan-I	ND	0.77	0.40	ug/kg	
33213-65-9	Endosulfan-II	ND	0.77	0.40	ug/kg	
76-44-8	Heptachlor	ND	0.77	0.38	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.77	0.41	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.38	ug/kg	
53494-70-5	Endrin ketone	ND	0.77	0.59	ug/kg	
8001-35-2	Toxaphene	ND	19	8.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	60%		24-136%
877-09-8	Tetrachloro-m-xylene	69%		24-136%
2051-24-3	Decachlorobiphenyl	63%		10-153%
2051-24-3	Decachlorobiphenyl	64%		10-153%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-14_8.5-9.5		
Lab Sample ID:	JC34158-4	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
		Percent Solids:	80.7
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	18800	65	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Antimony	< 2.6	2.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Arsenic	5.2	2.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Barium	30.4	26	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Beryllium [a]	1.5	0.52	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Cadmium	< 0.65	0.65	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Calcium	5050	650	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Chromium	54.6	1.3	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Cobalt [a]	15.3	13	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Copper	3.6	3.2	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Iron	32600	65	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Lead	3.9	2.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Magnesium	9440	650	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Manganese	538	1.9	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.041	0.041	mg/kg	1	12/29/16	12/29/16	JPM	SW846 7471B [1]	SW846 7471B [5]
Nickel	37.5	5.2	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Potassium	< 1300	1300	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Selenium	< 2.6	2.6	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.65	0.65	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Sodium	< 1300	1300	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Thallium [a]	< 2.6	2.6	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Vanadium	69.5	6.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Zinc	69.3	6.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA41059
(2) Instrument QC Batch: MA41075
(3) Instrument QC Batch: MA41088
(4) Prep QC Batch: MP97882
(5) Prep QC Batch: MP97889

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	HOFF SB-16_7-8		
Lab Sample ID:	JC34158-5	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	82.8
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y169097.D	1	01/03/17	PS	12/22/16 09:10	n/a	VY7336
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	23.9	10	5.2	ug/kg	
71-43-2	Benzene	ND	0.52	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.16	ug/kg	
75-25-2	Bromoform	ND	5.2	0.28	ug/kg	
74-83-9	Bromomethane	ND	5.2	0.50	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	1.8	ug/kg	
75-15-0	Carbon disulfide	ND	2.1	0.18	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.17	ug/kg	
75-00-3	Chloroethane	ND	5.2	0.45	ug/kg	
67-66-3	Chloroform	ND	2.1	0.25	ug/kg	
74-87-3	Chloromethane	ND	5.2	0.22	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.25	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.14	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.16	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	0.57	ug/kg	
75-34-3	1,1-Dichloroethane	0.49	1.0	0.19	ug/kg	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.16	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.46	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.32	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.20	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.23	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.16	ug/kg	
76-13-1	Freon 113	ND	5.2	0.50	ug/kg	
591-78-6	2-Hexanone	ND	5.2	1.4	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-16_7-8		
Lab Sample ID:	JC34158-5	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	82.8
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	0.16	ug/kg	
79-20-9	Methyl Acetate	ND	5.2	2.1	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.53	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.2	0.88	ug/kg	
75-09-2	Methylene chloride	ND	5.2	1.0	ug/kg	
100-42-5	Styrene	ND	2.1	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.29	ug/kg	
108-88-3	Toluene	ND	1.0	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	0.52	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	0.52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.20	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	0.65	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.21	ug/kg	
	m,p-Xylene	ND	1.0	0.23	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.21	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-122%
17060-07-0	1,2-Dichloroethane-D4	115%		68-124%
2037-26-5	Toluene-D8	100%		77-125%
460-00-4	4-Bromofluorobenzene	102%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-16_7-8		
Lab Sample ID:	JC34158-5	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	82.8
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z117700.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	80	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	71	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	200	43	ug/kg	
95-48-7	2-Methylphenol	ND	80	26	ug/kg	
	3&4-Methylphenol	ND	80	33	ug/kg	
88-75-5	2-Nitrophenol	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	400	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	38	ug/kg	
108-95-2	Phenol	ND	80	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	40	14	ug/kg	
208-96-8	Acenaphthylene	ND	40	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.6	ug/kg	
120-12-7	Anthracene	ND	40	25	ug/kg	
1912-24-9	Atrazine	ND	80	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	40	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	40	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	40	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	40	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	40	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	80	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	80	9.8	ug/kg	
92-52-4	1,1'-Biphenyl	ND	80	5.5	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	80	9.5	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	80	5.8	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-16_7-8		
Lab Sample ID:	JC34158-5	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	82.8
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	80	16	ug/kg	
218-01-9	Chrysene	ND	40	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	80	8.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	80	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	80	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	80	13	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	40	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	40	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	80	33	ug/kg	
123-91-1	1,4-Dioxane	ND	40	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	40	18	ug/kg	
132-64-9	Dibenzofuran	ND	80	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	80	6.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	80	10	ug/kg	
84-66-2	Diethyl phthalate	ND	80	8.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	80	7.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	80	9.4	ug/kg	
206-44-0	Fluoranthene	ND	40	18	ug/kg	
86-73-7	Fluorene	ND	40	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	80	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	40	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40	19	ug/kg	
78-59-1	Isophorone	ND	80	8.6	ug/kg	
91-57-6	2-Methylnaphthalene	ND	80	9.0	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.4	ug/kg	
99-09-2	3-Nitroaniline	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	40	11	ug/kg	
98-95-3	Nitrobenzene	ND	80	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	80	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	ND	40	13	ug/kg	
129-00-0	Pyrene	ND	40	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%		30-106%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-16_7-8		
Lab Sample ID:	JC34158-5	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	82.8
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	79%		30-106%
118-79-6	2,4,6-Tribromophenol	103%		24-140%
4165-60-0	Nitrobenzene-d5	78%		26-122%
321-60-8	2-Fluorobiphenyl	73%		36-112%
1718-51-0	Terphenyl-d14	90%		36-132%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-16_7-8		
Lab Sample ID:	JC34158-5	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8151 SW846 8151/3550C	**Percent Solids:**	82.8
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA122503.D	2	01/04/17	VDT	12/30/16	OP99568	GOA4207
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	40	18	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	8.0	2.9	ug/kg	
93-76-5	2,4,5-T	ND	8.0	3.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	63%		10-156%
19719-28-9	2,4-DCAA	54%		10-156%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-16_7-8		
Lab Sample ID:	JC34158-5	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8081B SW846 3546	**Percent Solids:**	82.8
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G42656.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.77	0.37	ug/kg	
319-84-6	alpha-BHC	ND	0.77	0.41	ug/kg	
319-85-7	beta-BHC	ND	0.77	0.48	ug/kg	
319-86-8	delta-BHC	ND	0.77	0.35	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.77	0.34	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.77	0.37	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.77	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.77	0.38	ug/kg	
72-54-8	4,4'-DDD	ND	0.77	0.49	ug/kg	
72-55-9	4,4'-DDE	ND	0.77	0.40	ug/kg	
50-29-3	4,4'-DDT	ND	0.77	0.46	ug/kg	
72-20-8	Endrin	ND	0.77	0.36	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.77	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.77	0.46	ug/kg	
959-98-8	Endosulfan-I	ND	0.77	0.40	ug/kg	
33213-65-9	Endosulfan-II	ND	0.77	0.40	ug/kg	
76-44-8	Heptachlor	ND	0.77	0.38	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.77	0.41	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.38	ug/kg	
53494-70-5	Endrin ketone	ND	0.77	0.59	ug/kg	
8001-35-2	Toxaphene	ND	19	8.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		24-136%
877-09-8	Tetrachloro-m-xylene	77%		24-136%
2051-24-3	Decachlorobiphenyl	77%		10-153%
2051-24-3	Decachlorobiphenyl	72%		10-153%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-16_7-8		
Lab Sample ID:	JC34158-5	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
		Percent Solids:	82.8
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	50400	61	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.4	2.4	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Arsenic	7.7	2.4	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Barium	86.3	24	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Beryllium [a]	2.6	0.49	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Cadmium [a]	< 1.2	1.2	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Calcium	3090	610	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Chromium	74.8	1.2	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Cobalt [a]	28.4	12	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Copper [a]	10.2	6.1	mg/kg	2	12/29/16	01/04/17	KS	SW846 6010C [4]	SW846 3050B [5]
Iron	49400	120	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Lead [a]	6.6	4.9	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Magnesium	20300	610	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Manganese [a]	563	3.7	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Mercury	< 0.040	0.040	mg/kg	1	12/29/16	12/29/16	JPM	SW846 7471B [1]	SW846 7471B [6]
Nickel	61.8	4.9	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Potassium	12700	1200	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Selenium [a]	< 4.9	4.9	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Silver [a]	< 1.2	1.2	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Sodium	< 1200	1200	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Thallium [a]	< 2.4	2.4	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [5]
Vanadium	102	6.1	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]
Zinc	50.2	6.1	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA41059
(2) Instrument QC Batch: MA41075
(3) Instrument QC Batch: MA41088
(4) Instrument QC Batch: MA41098
(5) Prep QC Batch: MP97882
(6) Prep QC Batch: MP97889

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	HOFF SB-19_4.5-5.5		
Lab Sample ID:	JC34158-6	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	82.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y169098.D	1	01/03/17	PS	12/22/16 09:10	n/a	VY7336
Run #2							

	Initial Weight
Run #1	4.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	6.6	ug/kg	
71-43-2	Benzene	ND	0.66	0.16	ug/kg	
74-97-5	Bromochloromethane	ND	6.6	0.42	ug/kg	
75-27-4	Bromodichloromethane	ND	2.6	0.20	ug/kg	
75-25-2	Bromoform	ND	6.6	0.35	ug/kg	
74-83-9	Bromomethane	ND	6.6	0.64	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	2.3	ug/kg	
75-15-0	Carbon disulfide	ND	2.6	0.22	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.6	0.22	ug/kg	
108-90-7	Chlorobenzene	ND	2.6	0.21	ug/kg	
75-00-3	Chloroethane	ND	6.6	0.56	ug/kg	
67-66-3	Chloroform	ND	2.6	0.31	ug/kg	
74-87-3	Chloromethane	ND	6.6	0.28	ug/kg	
110-82-7	Cyclohexane	ND	2.6	0.72	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.64	ug/kg	
124-48-1	Dibromochloromethane	ND	2.6	0.20	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	1.1	1.3	0.23	ug/kg	J
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.20	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.6	0.72	ug/kg	
75-34-3	1,1-Dichloroethane	3.3	1.3	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.23	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.20	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.58	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.6	0.41	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.6	0.26	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	0.29	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.20	ug/kg	
76-13-1	Freon 113	ND	6.6	0.64	ug/kg	
591-78-6	2-Hexanone	ND	6.6	1.8	ug/kg	

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-19_4.5-5.5		
Lab Sample ID:	JC34158-6	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	82.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.6	0.20	ug/kg	
79-20-9	Methyl Acetate	ND	6.6	2.7	ug/kg	
108-87-2	Methylcyclohexane	ND	2.6	0.66	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.6	1.1	ug/kg	
75-09-2	Methylene chloride	ND	6.6	1.3	ug/kg	
100-42-5	Styrene	ND	2.6	0.19	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.6	0.31	ug/kg	
127-18-4	Tetrachloroethene	ND	2.6	0.37	ug/kg	
108-88-3	Toluene	ND	1.3	0.16	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	0.66	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	0.66	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.6	0.22	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.43	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.25	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.6	0.83	ug/kg	
75-01-4	Vinyl chloride	ND	2.6	0.27	ug/kg	
	m,p-Xylene	ND	1.3	0.29	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.27	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.27	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-122%
17060-07-0	1,2-Dichloroethane-D4	112%		68-124%
2037-26-5	Toluene-D8	101%		77-125%
460-00-4	4-Bromofluorobenzene	102%		72-130%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-19_4.5-5.5		
Lab Sample ID:	JC34158-6	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	82.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z117740.D	1	01/04/17	CS	12/30/16	OP99496	EZ5850
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	79	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	70	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	200	42	ug/kg	
95-48-7	2-Methylphenol	ND	79	25	ug/kg	
	3&4-Methylphenol	ND	79	32	ug/kg	
88-75-5	2-Nitrophenol	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	390	100	ug/kg	
87-86-5	Pentachlorophenol	ND	160	37	ug/kg	
108-95-2	Phenol	ND	79	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	23	ug/kg	
83-32-9	Acenaphthene	ND	39	14	ug/kg	
208-96-8	Acenaphthylene	ND	39	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.5	ug/kg	
120-12-7	Anthracene	ND	39	24	ug/kg	
1912-24-9	Atrazine	ND	79	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	39	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	39	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	39	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	39	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	39	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	79	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	79	9.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	79	5.4	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	79	9.4	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	79	5.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-19_4.5-5.5		
Lab Sample ID:	JC34158-6	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	82.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	79	16	ug/kg	
218-01-9	Chrysene	ND	39	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	79	8.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	79	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	79	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	79	13	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	39	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	39	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	79	33	ug/kg	
123-91-1	1,4-Dioxane	ND	39	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	39	17	ug/kg	
132-64-9	Dibenzofuran	ND	79	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	79	6.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	79	9.8	ug/kg	
84-66-2	Diethyl phthalate	ND	79	8.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	79	7.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	79	9.2	ug/kg	
206-44-0	Fluoranthene	ND	39	18	ug/kg	
86-73-7	Fluorene	ND	39	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	79	9.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	39	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	390	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	39	18	ug/kg	
78-59-1	Isophorone	ND	79	8.4	ug/kg	
91-57-6	2-Methylnaphthalene	ND	79	8.9	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.3	ug/kg	
99-09-2	3-Nitroaniline	ND	200	9.8	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	39	11	ug/kg	
98-95-3	Nitrobenzene	ND	79	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	79	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	14	ug/kg	
85-01-8	Phenanthrene	ND	39	13	ug/kg	
129-00-0	Pyrene	ND	39	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	80%		30-106%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-19_4.5-5.5		
Lab Sample ID:	JC34158-6	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	82.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	87%		30-106%
118-79-6	2,4,6-Tribromophenol	105%		24-140%
4165-60-0	Nitrobenzene-d5	78%		26-122%
321-60-8	2-Fluorobiphenyl	81%		36-112%
1718-51-0	Terphenyl-d14	92%		36-132%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-19_4.5-5.5		
Lab Sample ID:	JC34158-6	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8151 SW846 8151/3550C	**Percent Solids:**	82.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA122347.D	2	12/29/16	VDT	12/26/16	OP99472	GOA4203
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	40	18	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	8.0	2.9	ug/kg	
93-76-5	2,4,5-T	ND	8.0	3.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	68%		10-156%
19719-28-9	2,4-DCAA	37%		10-156%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-19_4.5-5.5		
Lab Sample ID:	JC34158-6	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8081B SW846 3546	**Percent Solids:**	82.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G42657.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.78	0.37	ug/kg	
319-84-6	alpha-BHC	ND	0.78	0.42	ug/kg	
319-85-7	beta-BHC	ND	0.78	0.49	ug/kg	
319-86-8	delta-BHC	ND	0.78	0.35	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.78	0.35	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.78	0.37	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.78	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.78	0.39	ug/kg	
72-54-8	4,4'-DDD	ND	0.78	0.50	ug/kg	
72-55-9	4,4'-DDE	ND	0.78	0.41	ug/kg	
50-29-3	4,4'-DDT	ND	0.78	0.46	ug/kg	
72-20-8	Endrin	ND	0.78	0.37	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.78	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.78	0.46	ug/kg	
959-98-8	Endosulfan-I	ND	0.78	0.41	ug/kg	
33213-65-9	Endosulfan-II	ND	0.78	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.78	0.38	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.78	0.42	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.39	ug/kg	
53494-70-5	Endrin ketone	ND	0.78	0.60	ug/kg	
8001-35-2	Toxaphene	ND	20	8.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		24-136%
877-09-8	Tetrachloro-m-xylene	77%		24-136%
2051-24-3	Decachlorobiphenyl	70%		10-153%
2051-24-3	Decachlorobiphenyl	74%		10-153%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-19_4.5-5.5		
Lab Sample ID:	JC34158-6	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
		Percent Solids:	82.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	28900	62	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Antimony	< 2.5	2.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Arsenic	6.3	2.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Barium	72.2	25	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Beryllium [a]	1.7	0.50	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Cadmium	< 0.62	0.62	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Calcium	3440	620	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Chromium	56.9	1.2	mg/kg	1	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Cobalt [a]	18.3	12	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Copper	17.8	3.1	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Iron	31400	62	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Lead	5.0	2.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Magnesium	10000	620	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Manganese	295	1.9	mg/kg	1	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Mercury	< 0.036	0.036	mg/kg	1	12/29/16	12/29/16	JPM	SW846 7471B [1]	SW846 7471B [5]
Nickel	42.3	5.0	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Potassium	3460	1200	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Selenium	< 2.5	2.5	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.62	0.62	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]
Thallium [a]	< 2.5	2.5	mg/kg	2	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Vanadium	69.6	6.2	mg/kg	1	12/29/16	01/03/17	RP	SW846 6010C [3]	SW846 3050B [4]
Zinc	55.9	6.2	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA41059
(2) Instrument QC Batch: MA41075
(3) Instrument QC Batch: MA41088
(4) Prep QC Batch: MP97882
(5) Prep QC Batch: MP97889

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	HOFF SB-20_7-8		
Lab Sample ID:	JC34158-7	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	87.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y169106.D	1	01/03/17	PS	12/22/16 09:10	n/a	VY7336
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	15.2	12	6.1	ug/kg	
71-43-2	Benzene	ND	0.61	0.15	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	0.39	ug/kg	
75-27-4	Bromodichloromethane	ND	2.4	0.19	ug/kg	
75-25-2	Bromoform	ND	6.1	0.32	ug/kg	
74-83-9	Bromomethane	ND	6.1	0.59	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	2.4	0.21	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.4	0.20	ug/kg	
108-90-7	Chlorobenzene	ND	2.4	0.20	ug/kg	
75-00-3	Chloroethane	ND	6.1	0.52	ug/kg	
67-66-3	Chloroform	ND	2.4	0.29	ug/kg	
74-87-3	Chloromethane	ND	6.1	0.26	ug/kg	
110-82-7	Cyclohexane	ND	2.4	0.67	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	0.59	ug/kg	
124-48-1	Dibromochloromethane	ND	2.4	0.18	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.30	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.19	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	0.67	1.2	0.23	ug/kg	J
107-06-2	1,2-Dichloroethane	ND	1.2	0.21	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.19	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.53	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.19	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.4	0.38	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	0.27	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.18	ug/kg	
76-13-1	Freon 113	ND	6.1	0.59	ug/kg	
591-78-6	2-Hexanone	ND	6.1	1.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-20_7-8		
Lab Sample ID:	JC34158-7	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	87.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.4	0.19	ug/kg	
79-20-9	Methyl Acetate	ND	6.1	2.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.4	0.62	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.1	1.0	ug/kg	
75-09-2	Methylene chloride	ND	6.1	1.2	ug/kg	
100-42-5	Styrene	ND	2.4	0.18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	0.29	ug/kg	
127-18-4	Tetrachloroethene	ND	2.4	0.34	ug/kg	
108-88-3	Toluene	ND	1.2	0.15	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	0.61	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	0.61	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.4	0.20	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.4	0.39	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.23	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	0.77	ug/kg	
75-01-4	Vinyl chloride	ND	2.4	0.25	ug/kg	
	m,p-Xylene	ND	1.2	0.27	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.25	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-122%
17060-07-0	1,2-Dichloroethane-D4	110%		68-124%
2037-26-5	Toluene-D8	100%		77-125%
460-00-4	4-Bromofluorobenzene	104%		72-130%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-20_7-8		
Lab Sample ID:	JC34158-7	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	87.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z117783.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	74	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	66	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	190	40	ug/kg	
95-48-7	2-Methylphenol	ND	74	24	ug/kg	
	3&4-Methylphenol	ND	74	31	ug/kg	
88-75-5	2-Nitrophenol	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	370	99	ug/kg	
87-86-5	Pentachlorophenol	ND	150	35	ug/kg	
108-95-2	Phenol	ND	74	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	22	ug/kg	
83-32-9	Acenaphthene	ND	37	13	ug/kg	
208-96-8	Acenaphthylene	ND	37	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.0	ug/kg	
120-12-7	Anthracene	ND	37	23	ug/kg	
1912-24-9	Atrazine	ND	74	16	ug/kg	
56-55-3	Benzo(a)anthracene	ND	37	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	37	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	37	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	37	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	37	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	74	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	74	9.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	74	5.1	ug/kg	
100-52-7	Benzaldehyde	ND	190	9.2	ug/kg	
91-58-7	2-Chloronaphthalene	ND	74	8.8	ug/kg	
106-47-8	4-Chloroaniline	ND	190	13	ug/kg	
86-74-8	Carbazole	ND	74	5.4	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-20_7-8		
Lab Sample ID:	JC34158-7	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	87.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	74	15	ug/kg	
218-01-9	Chrysene	ND	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	74	8.0	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	74	16	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	74	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	74	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	37	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	37	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	74	31	ug/kg	
123-91-1	1,4-Dioxane	ND	37	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	16	ug/kg	
132-64-9	Dibenzofuran	ND	74	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	74	6.1	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	74	9.3	ug/kg	
84-66-2	Diethyl phthalate	ND	74	7.9	ug/kg	
131-11-3	Dimethyl phthalate	ND	74	6.6	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	74	8.7	ug/kg	
206-44-0	Fluoranthene	ND	37	17	ug/kg	
86-73-7	Fluorene	ND	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	74	9.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	15	ug/kg	
67-72-1	Hexachloroethane	ND	190	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	37	17	ug/kg	
78-59-1	Isophorone	ND	74	8.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	74	8.4	ug/kg	
88-74-4	2-Nitroaniline	ND	190	8.8	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.3	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.6	ug/kg	
91-20-3	Naphthalene	ND	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	74	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	74	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	ND	37	12	ug/kg	
129-00-0	Pyrene	ND	37	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		30-106%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-20_7-8		
Lab Sample ID:	JC34158-7	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3546	**Percent Solids:**	87.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	71%		30-106%
118-79-6	2,4,6-Tribromophenol	90%		24-140%
4165-60-0	Nitrobenzene-d5	77%		26-122%
321-60-8	2-Fluorobiphenyl	74%		36-112%
1718-51-0	Terphenyl-d14	89%		36-132%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-20_7-8		
Lab Sample ID:	JC34158-7	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8151 SW846 8151/3550C	**Percent Solids:**	87.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA122348.D	2	12/29/16	VDT	12/26/16	OP99472	GOA4203
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	36	16	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	7.1	2.6	ug/kg	
93-76-5	2,4,5-T	ND	7.1	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	19%		10-156%
19719-28-9	2,4-DCAA	11%		10-156%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-20_7-8		
Lab Sample ID:	JC34158-7	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8081B SW846 3546	**Percent Solids:**	87.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G42658.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212
Run #2							

	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.34	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.38	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.32	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.32	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.72	0.34	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.72	0.32	ug/kg	
60-57-1	Dieldrin	ND	0.72	0.36	ug/kg	
72-54-8	4,4'-DDD	ND	0.72	0.46	ug/kg	
72-55-9	4,4'-DDE	ND	0.72	0.37	ug/kg	
50-29-3	4,4'-DDT	ND	0.72	0.43	ug/kg	
72-20-8	Endrin	ND	0.72	0.34	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.29	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.72	0.43	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.38	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.38	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.35	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.72	0.39	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.36	ug/kg	
53494-70-5	Endrin ketone	ND	0.72	0.55	ug/kg	
8001-35-2	Toxaphene	ND	18	7.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		24-136%
877-09-8	Tetrachloro-m-xylene	75%		24-136%
2051-24-3	Decachlorobiphenyl	78%		10-153%
2051-24-3	Decachlorobiphenyl	71%		10-153%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB-20_7-8		
Lab Sample ID:	JC34158-7	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
		Percent Solids:	87.1
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	20000	58	mg/kg	1	12/29/16	12/29/16	KS	SW846 6010C [2]	SW846 3050B [4]
Antimony [a]	< 7.0	7.0	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Arsenic [a]	< 7.0	7.0	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Barium	36.4	23	mg/kg	1	12/29/16	12/29/16	KS	SW846 6010C [2]	SW846 3050B [4]
Beryllium [a]	1.6	0.70	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Cadmium [a]	< 1.7	1.7	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Calcium	2300	580	mg/kg	1	12/29/16	12/29/16	KS	SW846 6010C [2]	SW846 3050B [4]
Chromium [a]	69.2	3.5	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Cobalt [a]	< 17	17	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Copper [a]	< 8.7	8.7	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Iron	38800	170	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Lead [a]	< 7.0	7.0	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Magnesium	8120	580	mg/kg	1	12/29/16	12/29/16	KS	SW846 6010C [2]	SW846 3050B [4]
Manganese [a]	495	5.2	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Mercury	< 0.035	0.035	mg/kg	1	12/29/16	12/29/16	JPM	SW846 7471B [1]	SW846 7471B [5]
Nickel	29.0	4.6	mg/kg	1	12/29/16	12/29/16	KS	SW846 6010C [2]	SW846 3050B [4]
Potassium	< 1200	1200	mg/kg	1	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Selenium [a]	< 7.0	7.0	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Silver [a]	< 1.7	1.7	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	12/29/16	12/29/16	KS	SW846 6010C [2]	SW846 3050B [4]
Thallium [a]	< 3.5	3.5	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Vanadium [a]	80.7	17	mg/kg	3	12/29/16	12/30/16	KS	SW846 6010C [3]	SW846 3050B [4]
Zinc	82.7	5.8	mg/kg	1	12/29/16	12/29/16	KS	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA41059
(2) Instrument QC Batch: MA41063
(3) Instrument QC Batch: MA41075
(4) Prep QC Batch: MP97882
(5) Prep QC Batch: MP97889

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS ACCUTEST

SO
SLL

CHAIN OF CUSTODY

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #

Bottle Order Control #

SGS Accutest Quote #

SGS Accutest Job # JC34158

Client / Reporting Information

Company Name: Tetratech
Street Address: One Oxford Valley Suite 200
City: Langhorne State: PA Zip: 19047
Project Contact: Jon Dzikan E-mail:
Phone # Fax #
Sampler(s) Name(s): Dawn McCullough Phone # 386 690.2680

Project Information

Project Name: Hoff VC PADEP
Street: 334 Layfield Rd
City: Perkiomenville State: PA
Project #
Client Purchase Order #
Project Manager: Colin Wade

Billing Information (if different from Report to)

Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet)

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NI Water	MEOH	ENCORE	VOCs	Pest, Herb, 1,4-Dioxane, Metals	LAB USE ONLY
1	Hoff SB18_7-8		12/21/16	1010	DM	SO	1										X	D60
2	Hoff SB03_8-9		12/21/16	1100	DM	SO	1										X	P6
3	Hoff SB15_6.5-7.5	*	12/21/16	1225	DM	SO	2								3	X	X	14M5
4	Hoff SB14_8.5-9.5		12/21/16	1310	DM	SO	2								3	X	X	4977
5	Hoff SB16_7-8		12/21/16	1410	DM	SO	2								3	X	X	
6	Hoff SB19_4.5-5.5		12/21/16	1455	DM	SO	2								3	X	X	
7	Hoff SB20_7-8	*		1530	DM	SO	2								3	X	X	

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

M Std. 10 Business Days
M 5 Day RUSH
M 3 Day RUSH
M 2 Day RUSH
M 1 Day RUSH
M other
Emergency & Rush T/A data available VIA Lablink

Approved by (SGS Accutest PM): / Date:
INITIAL ASSESSMENT 2DJV
LABEL VERIFICATION JV

Data Deliverable Information

M Commercial "a" (Level 1)
M Commercial "b" *Level 2)
M FULLT1 (Level 3+4)
M NJ Reduced
M Commercial "C"
M NJ Data of Known Quality Protocol Reporting
Commercial "A" = Results Only, Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data
M NYASP Category A
M NYASP Category B
M State Forms
M EDD Format
M Other

Comments / Special Instructions

* Recieved 3 Encores

Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date Time: 12/21/16 1686	Received By: 1	Relinquished By: 2	Date Time: 12/21/16 1830	Received By: 2		
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4		
Relinquished by Sampler: 5	Date Time:	Received By: 5	Custody Seal #	M Intact / M Not intact	Preserved where applicable M	On Ice M	Cooler Temps 1.9 C

JC34158: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC34158 **Client:** _____ **Project:** _____

Date / Time Received: 12/21/2016 6:30:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (1.9);

Cooler Temps (Corrected) °C: Cooler 1: (3.3);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control _Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

SM089-02
Rev. Date 12/1/16

JC34158: Chain of Custody
Page 2 of 2

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY7336-MB	Y169093.D	1	01/03/17	PS	n/a	n/a	VY7336

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.32	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.15	ug/kg	
75-25-2	Bromoform	ND	5.0	0.27	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.49	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	1.8	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.16	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.43	ug/kg	
67-66-3	Chloroform	ND	2.0	0.24	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.21	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.55	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.48	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.14	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.15	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.55	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.15	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.20	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.22	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.15	ug/kg	
76-13-1	Freon 113	ND	5.0	0.48	ug/kg	
591-78-6	2-Hexanone	ND	5.0	1.4	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.51	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.27	ug/kg	

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY7336-MB	Y169093.D	1	01/03/17	PS	n/a	n/a	VY7336

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.85	ug/kg	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/kg	
100-42-5	Styrene	ND	2.0	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.28	ug/kg	
108-88-3	Toluene	ND	1.0	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.32	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.19	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.63	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.20	ug/kg	
	m,p-Xylene	ND	1.0	0.22	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	70-122%
17060-07-0	1,2-Dichloroethane-D4	111%	68-124%
2037-26-5	Toluene-D8	100%	77-125%
460-00-4	4-Bromofluorobenzene	101%	72-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY7336-BS	Y169094.D	1	01/03/17	PS	n/a	n/a	VY7336

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	75.0	150	30-150
71-43-2	Benzene	50	45.1	90	77-122
74-97-5	Bromochloromethane	50	48.8	98	81-126
75-27-4	Bromodichloromethane	50	50.4	101	82-130
75-25-2	Bromoform	50	50.1	100	78-134
74-83-9	Bromomethane	50	45.2	90	56-141
78-93-3	2-Butanone (MEK)	50	65.0	130	61-139
75-15-0	Carbon disulfide	50	49.1	98	68-131
56-23-5	Carbon tetrachloride	50	55.0	110	73-139
108-90-7	Chlorobenzene	50	46.6	93	79-120
75-00-3	Chloroethane	50	48.9	98	64-150
67-66-3	Chloroform	50	50.0	100	77-123
74-87-3	Chloromethane	50	43.2	86	50-140
110-82-7	Cyclohexane	50	48.7	97	66-131
96-12-8	1,2-Dibromo-3-chloropropane	50	49.0	98	70-128
124-48-1	Dibromochloromethane	50	49.4	99	82-129
106-93-4	1,2-Dibromoethane	50	46.2	92	83-125
95-50-1	1,2-Dichlorobenzene	50	47.6	95	79-118
541-73-1	1,3-Dichlorobenzene	50	47.1	94	76-119
106-46-7	1,4-Dichlorobenzene	50	47.0	94	75-118
75-71-8	Dichlorodifluoromethane	50	51.4	103	31-170
75-34-3	1,1-Dichloroethane	50	48.7	97	78-129
107-06-2	1,2-Dichloroethane	50	53.8	108	77-140
75-35-4	1,1-Dichloroethene	50	51.2	102	71-128
156-59-2	cis-1,2-Dichloroethene	50	46.1	92	73-123
156-60-5	trans-1,2-Dichloroethene	50	48.8	98	72-122
78-87-5	1,2-Dichloropropane	50	48.2	96	80-129
10061-01-5	cis-1,3-Dichloropropene	50	49.5	99	75-124
10061-02-6	trans-1,3-Dichloropropene	50	52.4	105	75-129
100-41-4	Ethylbenzene	50	47.8	96	75-121
76-13-1	Freon 113	50	66.4	133	67-136
591-78-6	2-Hexanone	50	67.5	135	63-140
98-82-8	Isopropylbenzene	50	48.1	96	70-126
79-20-9	Methyl Acetate	50	47.9	96	59-131
108-87-2	Methylcyclohexane	50	51.7	103	62-131
1634-04-4	Methyl Tert Butyl Ether	100	104	104	77-121

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY7336-BS	Y169094.D	1	01/03/17	PS	n/a	n/a	VY7336

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	50	52.8	106	73-141
75-09-2	Methylene chloride	50	45.3	91	71-124
100-42-5	Styrene	50	47.8	96	79-125
79-34-5	1,1,2,2-Tetrachloroethane	50	44.6	89	72-121
127-18-4	Tetrachloroethene	50	49.5	99	70-135
108-88-3	Toluene	50	45.6	91	75-123
87-61-6	1,2,3-Trichlorobenzene	50	52.5	105	76-128
120-82-1	1,2,4-Trichlorobenzene	50	53.0	106	74-129
71-55-6	1,1,1-Trichloroethane	50	54.6	109	75-134
79-00-5	1,1,2-Trichloroethane	50	48.9	98	78-130
79-01-6	Trichloroethene	50	48.6	97	79-127
75-69-4	Trichlorofluoromethane	50	50.4	101	64-141
75-01-4	Vinyl chloride	50	44.7	89	57-136
	m,p-Xylene	100	92.0	92	75-122
95-47-6	o-Xylene	50	48.0	96	76-121
1330-20-7	Xylene (total)	150	140	93	76-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	70-122%
17060-07-0	1,2-Dichloroethane-D4	112%	68-124%
2037-26-5	Toluene-D8	102%	77-125%
460-00-4	4-Bromofluorobenzene	102%	72-130%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC34158-5MS	Y169103.D	1	01/03/17	PS	n/a	n/a	VY7336
JC34158-5	Y169097.D	1	01/03/17	PS	n/a	n/a	VY7336

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	JC34158-5 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	23.9		51.2	29.8	12	10-180
71-43-2	Benzene	ND		51.2	42.1	82	48-136
74-97-5	Bromochloromethane	ND		51.2	43.2	84	53-137
75-27-4	Bromodichloromethane	ND		51.2	46.8	91	50-145
75-25-2	Bromoform	ND		51.2	45.0	88	39-148
74-83-9	Bromomethane	ND		51.2	48.0	94	12-156
78-93-3	2-Butanone (MEK)	ND		51.2	33.5	65	26-164
75-15-0	Carbon disulfide	ND		51.2	30.1	59	34-146
56-23-5	Carbon tetrachloride	ND		51.2	50.5	99	43-152
108-90-7	Chlorobenzene	ND		51.2	45.3	89	38-144
75-00-3	Chloroethane	ND		51.2	54.6	107	26-154
67-66-3	Chloroform	ND		51.2	46.5	91	52-134
74-87-3	Chloromethane	ND		51.2	49.2	96	41-142
110-82-7	Cyclohexane	ND		51.2	34.3	67	22-154
96-12-8	1,2-Dibromo-3-chloropropane	ND		51.2	42.8	84	29-145
124-48-1	Dibromochloromethane	ND		51.2	45.8	89	49-142
106-93-4	1,2-Dibromoethane	ND		51.2	43.6	85	46-139
95-50-1	1,2-Dichlorobenzene	ND		51.2	45.5	89	30-144
541-73-1	1,3-Dichlorobenzene	ND		51.2	44.9	88	28-148
106-46-7	1,4-Dichlorobenzene	ND		51.2	44.4	87	30-142
75-71-8	Dichlorodifluoromethane	ND		51.2	54.4	106	31-161
75-34-3	1,1-Dichloroethane	0.49	J	51.2	43.9	85	54-137
107-06-2	1,2-Dichloroethane	ND		51.2	47.8	93	56-140
75-35-4	1,1-Dichloroethene	ND		51.2	38.4	75	41-143
156-59-2	cis-1,2-Dichloroethene	ND		51.2	42.6	83	45-137
156-60-5	trans-1,2-Dichloroethene	ND		51.2	42.3	83	42-141
78-87-5	1,2-Dichloropropane	ND		51.2	46.0	90	53-139
10061-01-5	cis-1,3-Dichloropropene	ND		51.2	45.2	88	41-144
10061-02-6	trans-1,3-Dichloropropene	ND		51.2	45.4	89	36-148
100-41-4	Ethylbenzene	ND		51.2	46.8	91	34-145
76-13-1	Freon 113	ND		51.2	57.0	111	30-152
591-78-6	2-Hexanone	ND		51.2	38.5	75	16-176
98-82-8	Isopropylbenzene	ND		51.2	47.6	93	36-145
79-20-9	Methyl Acetate	ND		51.2	38.4	75	26-176
108-87-2	Methylcyclohexane	ND		51.2	43.3	85	14-153
1634-04-4	Methyl Tert Butyl Ether	ND		102	89.4	87	54-129

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC34158-5MS	Y169103.D	1	01/03/17	PS	n/a	n/a	VY7336
JC34158-5	Y169097.D	1	01/03/17	PS	n/a	n/a	VY7336

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	JC34158-5 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		51.2	43.8	86	33-154
75-09-2	Methylene chloride	ND		51.2	40.1	78	47-133
100-42-5	Styrene	ND		51.2	46.4	91	32-156
79-34-5	1,1,2,2-Tetrachloroethane	ND		51.2	40.9	80	31-149
127-18-4	Tetrachloroethene	ND		51.2	44.8	88	34-163
108-88-3	Toluene	ND		51.2	43.7	85	40-141
87-61-6	1,2,3-Trichlorobenzene	ND		51.2	45.8	89	14-153
120-82-1	1,2,4-Trichlorobenzene	ND		51.2	46.7	91	14-156
71-55-6	1,1,1-Trichloroethane	ND		51.2	50.4	98	48-144
79-00-5	1,1,2-Trichloroethane	ND		51.2	44.5	87	43-146
79-01-6	Trichloroethene	ND		51.2	46.0	90	42-152
75-69-4	Trichlorofluoromethane	ND		51.2	51.1	100	39-153
75-01-4	Vinyl chloride	ND		51.2	50.3	98	38-149
	m,p-Xylene	ND		102	89.7	88	32-148
95-47-6	o-Xylene	ND		51.2	47.5	93	36-145
1330-20-7	Xylene (total)	ND		154	137	89	34-146

CAS No.	Surrogate Recoveries	MS	JC34158-5	Limits
1868-53-7	Dibromofluoromethane	101%	105%	70-122%
17060-07-0	1,2-Dichloroethane-D4	102%	115%	68-124%
2037-26-5	Toluene-D8	102%	100%	77-125%
460-00-4	4-Bromofluorobenzene	102%	102%	72-130%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC34158-4DUP	Y169099.D	1	01/03/17	PS	n/a	n/a	VY7336
JC34158-4	Y169096.D	1	01/03/17	PS	n/a	n/a	VY7336

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	JC34158-4 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	35
71-43-2	Benzene	ND		ND		nc	17
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	30
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	30
78-93-3	2-Butanone (MEK)	ND		ND		nc	30
75-15-0	Carbon disulfide	ND		ND		nc	20
56-23-5	Carbon tetrachloride	ND		ND		nc	30
108-90-7	Chlorobenzene	ND		ND		nc	30
75-00-3	Chloroethane	ND		ND		nc	30
67-66-3	Chloroform	ND		ND		nc	30
74-87-3	Chloromethane	ND		ND		nc	30
110-82-7	Cyclohexane	ND		ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	30
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	30
75-35-4	1,1-Dichloroethene	ND		ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	30
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30
100-41-4	Ethylbenzene	ND		ND		nc	23
76-13-1	Freon 113	ND		ND		nc	30
591-78-6	2-Hexanone	ND		ND		nc	30
98-82-8	Isopropylbenzene	ND		ND		nc	22
79-20-9	Methyl Acetate	ND		ND		nc	30
108-87-2	Methylcyclohexane	ND		ND		nc	18
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC34158-4DUP	Y169099.D	1	01/03/17	PS	n/a	n/a	VY7336
JC34158-4	Y169096.D	1	01/03/17	PS	n/a	n/a	VY7336

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	JC34158-4 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	30
75-09-2	Methylene chloride	ND		ND		nc	37
100-42-5	Styrene	ND		ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	30
127-18-4	Tetrachloroethene	ND		ND		nc	30
108-88-3	Toluene	ND		ND		nc	22
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	30
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	30
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	30
79-01-6	Trichloroethene	ND		ND		nc	17
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
75-01-4	Vinyl chloride	ND		ND		nc	30
	m,p-Xylene	0.46	J	ND		200* [a]	20
95-47-6	o-Xylene	ND		ND		nc	19
1330-20-7	Xylene (total)	0.46	J	ND		200* [a]	21

CAS No.	Surrogate Recoveries	DUP	JC34158-4	Limits
1868-53-7	Dibromofluoromethane	102%	101%	70-122%
17060-07-0	1,2-Dichloroethane-D4	112%	108%	68-124%
2037-26-5	Toluene-D8	100%	101%	77-125%
460-00-4	4-Bromofluorobenzene	104%	102%	72-130%

(a) High RPD due to low concentration of hit.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: VY7311-BFB
Lab File ID: Y168429.D
Instrument ID: GCMSY
Injection Date: 12/08/16
Injection Time: 18:16

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	24301	18.4		Pass
75	30.0 - 60.0% of mass 95	60130	45.4		Pass
95	Base peak, 100% relative abundance	132384	100.0		Pass
96	5.0 - 9.0% of mass 95	8573	6.48		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	117605	88.8		Pass
175	5.0 - 9.0% of mass 174	9108	6.88	(7.74) [a]	Pass
176	95.0 - 101.0% of mass 174	113994	86.1	(96.9) [a]	Pass
177	5.0 - 9.0% of mass 176	7804	5.89	(6.85) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY7311-IC7311	Y168430.D	12/08/16	18:54	00:38	Initial cal 0.2
VY7311-IC7311	Y168431.D	12/08/16	19:22	01:06	Initial cal 0.5
VY7311-IC7311	Y168432.D	12/08/16	19:50	01:34	Initial cal 1
VY7311-IC7311	Y168433.D	12/08/16	20:18	02:02	Initial cal 2
VY7311-IC7311	Y168434.D	12/08/16	20:46	02:30	Initial cal 4
VY7311-IC7311	Y168435.D	12/08/16	21:14	02:58	Initial cal 8
VY7311-IC7311	Y168436.D	12/08/16	21:42	03:26	Initial cal 20
VY7311-ICC7311	Y168437.D	12/08/16	22:10	03:54	Initial cal 50
VY7311-IC7311	Y168438.D	12/08/16	22:38	04:22	Initial cal 100
VY7311-IC7311	Y168439.D	12/08/16	23:06	04:50	Initial cal 200
VY7311-ICV7311	Y168442.D	12/09/16	00:30	06:14	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: VY7336-BFB
Lab File ID: Y169090.D
Instrument ID: GCMSY
Injection Date: 01/03/17
Injection Time: 10:01

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	30920	21.9		Pass
75	30.0 - 60.0% of mass 95	69624	49.3		Pass
95	Base peak, 100% relative abundance	141136	100.0		Pass
96	5.0 - 9.0% of mass 95	9044	6.41		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	121637	86.2		Pass
175	5.0 - 9.0% of mass 174	9690	6.87	(7.97) [a]	Pass
176	95.0 - 101.0% of mass 174	118776	84.2	(97.6) [a]	Pass
177	5.0 - 9.0% of mass 176	7993	5.66	(6.73) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY7336-CC7311	Y169091.D	01/03/17	10:34	00:33	Continuing cal 20
VY7336-MB	Y169093.D	01/03/17	11:36	01:35	Method Blank
ZZZZZZ	Y169093A.D	01/03/17	11:36	01:35	(unrelated sample)
VY7336-BS	Y169094.D	01/03/17	12:04	02:03	Blank Spike
JC34158-4	Y169096.D	01/03/17	13:01	03:00	HOFF SB-14_8.5-9.5
JC34158-5	Y169097.D	01/03/17	13:29	03:28	HOFF SB-16_7-8
JC34158-6	Y169098.D	01/03/17	13:58	03:57	HOFF SB-19_4.5-5.5
JC34158-4DUP	Y169099.D	01/03/17	14:26	04:25	Duplicate
ZZZZZZ	Y169100.D	01/03/17	14:55	04:54	(unrelated sample)
ZZZZZZ	Y169101.D	01/03/17	15:23	05:22	(unrelated sample)
ZZZZZZ	Y169102.D	01/03/17	15:51	05:50	(unrelated sample)
JC34158-5MS	Y169103.D	01/03/17	16:19	06:18	Matrix Spike
ZZZZZZ	Y169105.D	01/03/17	17:16	07:15	(unrelated sample)
JC34158-7	Y169106.D	01/03/17	17:44	07:43	HOFF SB-20_7-8
ZZZZZZ	Y169107.D	01/03/17	18:12	08:11	(unrelated sample)
ZZZZZZ	Y169108.D	01/03/17	18:41	08:40	(unrelated sample)
ZZZZZZ	Y169109.D	01/03/17	19:09	09:08	(unrelated sample)
ZZZZZZ	Y169110.D	01/03/17	19:38	09:37	(unrelated sample)
ZZZZZZ	Y169111.D	01/03/17	20:06	10:05	(unrelated sample)
ZZZZZZ	Y169112.D	01/03/17	20:35	10:34	(unrelated sample)
ZZZZZZ	Y169113.D	01/03/17	21:03	11:02	(unrelated sample)
JC34158-3	Y169114.D	01/03/17	21:31	11:30	HOFF SB-15_6.5-7.5

Volatile Surrogate Recovery Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Method: SW846 8260C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC34158-3	Y169114.D	101	112	104	107
JC34158-4	Y169096.D	101	108	101	102
JC34158-5	Y169097.D	105	115	100	102
JC34158-6	Y169098.D	102	112	101	102
JC34158-7	Y169106.D	103	110	100	104
JC34158-4DUP	Y169099.D	102	112	100	104
JC34158-5MS	Y169103.D	101	102	102	102
VY7336-BS	Y169094.D	103	112	102	102
VY7336-MB	Y169093.D	101	111	100	101

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-122%
S2 = 1,2-Dichloroethane-D4	68-124%
S3 = Toluene-D8	77-125%
S4 = 4-Bromofluorobenzene	72-130%

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99496-MB1	Z117685.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	67	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	28	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	59	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	36	ug/kg	
95-48-7	2-Methylphenol	ND	67	21	ug/kg	
	3&4-Methylphenol	ND	67	27	ug/kg	
88-75-5	2-Nitrophenol	ND	170	22	ug/kg	
100-02-7	4-Nitrophenol	ND	330	89	ug/kg	
87-86-5	Pentachlorophenol	ND	130	31	ug/kg	
108-95-2	Phenol	ND	67	17	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	25	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	33	11	ug/kg	
208-96-8	Acenaphthylene	ND	33	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.2	ug/kg	
120-12-7	Anthracene	ND	33	20	ug/kg	
1912-24-9	Atrazine	ND	67	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	9.4	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	8.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	4.6	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	7.9	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	67	4.8	ug/kg	
105-60-2	Caprolactam	ND	67	13	ug/kg	
218-01-9	Chrysene	ND	33	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	7.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	14	ug/kg	

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99496-MB1	Z117685.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	67	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	10	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	67	28	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	15	ug/kg	
132-64-9	Dibenzofuran	ND	67	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	67	5.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	67	8.3	ug/kg	
84-66-2	Diethyl phthalate	ND	67	7.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	5.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	67	7.8	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	8.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	13	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	16	ug/kg	
78-59-1	Isophorone	ND	67	7.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	67	7.5	ug/kg	
88-74-4	2-Nitroaniline	ND	170	7.9	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.3	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.6	ug/kg	
91-20-3	Naphthalene	ND	33	9.4	ug/kg	
98-95-3	Nitrobenzene	ND	67	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	9.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	12	ug/kg	
85-01-8	Phenanthrene	ND	33	11	ug/kg	
129-00-0	Pyrene	ND	33	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.5	ug/kg	

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99496-MB1	Z117685.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	88%	30-106%
4165-62-2	Phenol-d5	89%	30-106%
118-79-6	2,4,6-Tribromophenol	104%	24-140%
4165-60-0	Nitrobenzene-d5	87%	26-122%
321-60-8	2-Fluorobiphenyl	83%	36-112%
1718-51-0	Terphenyl-d14	92%	36-132%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.22	280	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99640-MB1	Z117777.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-7

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	67	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	28	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	59	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	36	ug/kg	
95-48-7	2-Methylphenol	ND	67	21	ug/kg	
	3&4-Methylphenol	ND	67	27	ug/kg	
88-75-5	2-Nitrophenol	ND	170	22	ug/kg	
100-02-7	4-Nitrophenol	ND	330	89	ug/kg	
87-86-5	Pentachlorophenol	ND	130	31	ug/kg	
108-95-2	Phenol	ND	67	17	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	25	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	33	11	ug/kg	
208-96-8	Acenaphthylene	ND	33	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.2	ug/kg	
120-12-7	Anthracene	ND	33	20	ug/kg	
1912-24-9	Atrazine	ND	67	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	9.4	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	8.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	4.6	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	7.9	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	67	4.8	ug/kg	
105-60-2	Caprolactam	ND	67	13	ug/kg	
218-01-9	Chrysene	ND	33	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	7.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	14	ug/kg	

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99640-MB1	Z117777.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-7

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	67	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	10	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	67	28	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	15	ug/kg	
132-64-9	Dibenzofuran	ND	67	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	67	5.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	67	8.3	ug/kg	
84-66-2	Diethyl phthalate	ND	67	7.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	5.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	67	7.8	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	8.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	13	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	16	ug/kg	
78-59-1	Isophorone	ND	67	7.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	67	7.5	ug/kg	
88-74-4	2-Nitroaniline	ND	170	7.9	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.3	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.6	ug/kg	
91-20-3	Naphthalene	ND	33	9.4	ug/kg	
98-95-3	Nitrobenzene	ND	67	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	9.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	12	ug/kg	
85-01-8	Phenanthrene	ND	33	11	ug/kg	
129-00-0	Pyrene	ND	33	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.5	ug/kg	

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99640-MB1	Z117777.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-7

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	76%	30-106%
4165-62-2	Phenol-d5	78%	30-106%
118-79-6	2,4,6-Tribromophenol	92%	24-140%
4165-60-0	Nitrobenzene-d5	86%	26-122%
321-60-8	2-Fluorobiphenyl	81%	36-112%
1718-51-0	Terphenyl-d14	94%	36-132%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	1.84	220	ug/kg	J
	system artifact/aldol-condensation	3.21	180	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99496-BS1	Z117686.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1250	75	54-98
59-50-7	4-Chloro-3-methyl phenol	1670	1530	92	52-107
120-83-2	2,4-Dichlorophenol	1670	1380	83	53-105
105-67-9	2,4-Dimethylphenol	1670	1500	90	49-115
51-28-5	2,4-Dinitrophenol	3330	3210	96	30-127
534-52-1	4,6-Dinitro-o-cresol	1670	1630	98	41-114
95-48-7	2-Methylphenol	1670	1430	86	53-103
	3&4-Methylphenol	1670	1530	92	53-102
88-75-5	2-Nitrophenol	1670	1380	83	52-104
100-02-7	4-Nitrophenol	1670	1530	92	36-143
87-86-5	Pentachlorophenol	1670	1660	100	29-128
108-95-2	Phenol	1670	1340	80	45-106
58-90-2	2,3,4,6-Tetrachlorophenol	1670	1500	90	47-113
95-95-4	2,4,5-Trichlorophenol	1670	1380	83	55-112
88-06-2	2,4,6-Trichlorophenol	1670	1490	89	57-108
83-32-9	Acenaphthene	1670	1420	85	60-108
208-96-8	Acenaphthylene	1670	1340	80	54-94
98-86-2	Acetophenone	1670	1450	87	53-110
120-12-7	Anthracene	1670	1460	88	59-109
1912-24-9	Atrazine	1670	1730	104	59-126
56-55-3	Benzo(a)anthracene	1670	1510	91	52-113
50-32-8	Benzo(a)pyrene	1670	1570	94	56-122
205-99-2	Benzo(b)fluoranthene	1670	1480	89	53-119
191-24-2	Benzo(g,h,i)perylene	1670	1490	89	48-117
207-08-9	Benzo(k)fluoranthene	1670	1490	89	52-115
101-55-3	4-Bromophenyl phenyl ether	1670	1520	91	58-114
85-68-7	Butyl benzyl phthalate	1670	1470	88	44-132
92-52-4	1,1'-Biphenyl	1670	1350	81	54-101
100-52-7	Benzaldehyde	1670	1120	67	39-117
91-58-7	2-Chloronaphthalene	1670	1330	80	54-103
106-47-8	4-Chloroaniline	1670	676	41	10-110
86-74-8	Carbazole	1670	1440	86	55-105
105-60-2	Caprolactam	1670	1480	89	42-111
218-01-9	Chrysene	1670	1400	84	51-119
111-91-1	bis(2-Chloroethoxy)methane	1670	1360	82	51-106
111-44-4	bis(2-Chloroethyl)ether	1670	1380	83	48-107

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99496-BS1	Z117686.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-60-1	bis(2-Chloroisopropyl)ether	1670	1140	68	46-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1480	89	54-112
121-14-2	2,4-Dinitrotoluene	1670	1590	95	56-116
606-20-2	2,6-Dinitrotoluene	1670	1500	90	56-115
91-94-1	3,3'-Dichlorobenzidine	3330	1810	54	22-103
123-91-1	1,4-Dioxane	1670	887	53	14-110
53-70-3	Dibenzo(a,h)anthracene	1670	1550	93	49-118
132-64-9	Dibenzofuran	1670	1350	81	55-103
84-74-2	Di-n-butyl phthalate	1670	1540	92	56-117
117-84-0	Di-n-octyl phthalate	1670	1510	91	47-137
84-66-2	Diethyl phthalate	1670	1420	85	54-112
131-11-3	Dimethyl phthalate	1670	1400	84	56-108
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1560	94	45-130
206-44-0	Fluoranthene	1670	1550	93	58-110
86-73-7	Fluorene	1670	1470	88	59-108
118-74-1	Hexachlorobenzene	1670	1470	88	55-114
87-68-3	Hexachlorobutadiene	1670	1340	80	44-118
77-47-4	Hexachlorocyclopentadiene	3330	2860	86	41-137
67-72-1	Hexachloroethane	1670	1310	79	50-107
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1630	98	48-120
78-59-1	Isophorone	1670	1440	86	54-109
91-57-6	2-Methylnaphthalene	1670	1320	79	48-104
88-74-4	2-Nitroaniline	1670	1640	98	49-124
99-09-2	3-Nitroaniline	1670	903	54	22-110
100-01-6	4-Nitroaniline	1670	1350	81	50-107
91-20-3	Naphthalene	1670	1300	78	49-100
98-95-3	Nitrobenzene	1670	1370	82	47-108
621-64-7	N-Nitroso-di-n-propylamine	1670	1500	90	49-106
86-30-6	N-Nitrosodiphenylamine	1670	1420	85	53-112
85-01-8	Phenanthrene	1670	1450	87	57-105
129-00-0	Pyrene	1670	1490	89	50-117
95-94-3	1,2,4,5-Tetrachlorobenzene	1670	1440	86	52-109

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99496-BS1	Z117686.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	88%	30-106%
4165-62-2	Phenol-d5	89%	30-106%
118-79-6	2,4,6-Tribromophenol	102%	24-140%
4165-60-0	Nitrobenzene-d5	81%	26-122%
321-60-8	2-Fluorobiphenyl	76%	36-112%
1718-51-0	Terphenyl-d14	91%	36-132%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99640-BS1	Z117778.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1260	76	54-98
59-50-7	4-Chloro-3-methyl phenol	1670	1540	92	52-107
120-83-2	2,4-Dichlorophenol	1670	1360	82	53-105
105-67-9	2,4-Dimethylphenol	1670	1590	95	49-115
51-28-5	2,4-Dinitrophenol	3330	3230	97	30-127
534-52-1	4,6-Dinitro-o-cresol	1670	1710	103	41-114
95-48-7	2-Methylphenol	1670	1430	86	53-103
	3&4-Methylphenol	1670	1530	92	53-102
88-75-5	2-Nitrophenol	1670	1370	82	52-104
100-02-7	4-Nitrophenol	1670	1590	95	36-143
87-86-5	Pentachlorophenol	1670	1760	106	29-128
108-95-2	Phenol	1670	1400	84	45-106
58-90-2	2,3,4,6-Tetrachlorophenol	1670	1560	94	47-113
95-95-4	2,4,5-Trichlorophenol	1670	1470	88	55-112
88-06-2	2,4,6-Trichlorophenol	1670	1510	91	57-108
83-32-9	Acenaphthene	1670	1420	85	60-108
208-96-8	Acenaphthylene	1670	1320	79	54-94
98-86-2	Acetophenone	1670	1450	87	53-110
120-12-7	Anthracene	1670	1460	88	59-109
1912-24-9	Atrazine	1670	1780	107	59-126
56-55-3	Benzo(a)anthracene	1670	1540	92	52-113
50-32-8	Benzo(a)pyrene	1670	1590	95	56-122
205-99-2	Benzo(b)fluoranthene	1670	1510	91	53-119
191-24-2	Benzo(g,h,i)perylene	1670	1430	86	48-117
207-08-9	Benzo(k)fluoranthene	1670	1450	87	52-115
101-55-3	4-Bromophenyl phenyl ether	1670	1500	90	58-114
85-68-7	Butyl benzyl phthalate	1670	1490	89	44-132
92-52-4	1,1'-Biphenyl	1670	1380	83	54-101
100-52-7	Benzaldehyde	1670	1290	77	39-117
91-58-7	2-Chloronaphthalene	1670	1320	79	54-103
106-47-8	4-Chloroaniline	1670	710	43	10-110
86-74-8	Carbazole	1670	1480	89	55-105
105-60-2	Caprolactam	1670	1480	89	42-111
218-01-9	Chrysene	1670	1420	85	51-119
111-91-1	bis(2-Chloroethoxy)methane	1670	1320	79	51-106
111-44-4	bis(2-Chloroethyl)ether	1670	1370	82	48-107

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99640-BS1	Z117778.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-60-1	bis(2-Chloroisopropyl)ether	1670	1110	67	46-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1480	89	54-112
121-14-2	2,4-Dinitrotoluene	1670	1610	97	56-116
606-20-2	2,6-Dinitrotoluene	1670	1510	91	56-115
91-94-1	3,3'-Dichlorobenzidine	3330	2250	68	22-103
123-91-1	1,4-Dioxane	1670	865	52	14-110
53-70-3	Dibenzo(a,h)anthracene	1670	1520	91	49-118
132-64-9	Dibenzofuran	1670	1350	81	55-103
84-74-2	Di-n-butyl phthalate	1670	1530	92	56-117
117-84-0	Di-n-octyl phthalate	1670	1510	91	47-137
84-66-2	Diethyl phthalate	1670	1400	84	54-112
131-11-3	Dimethyl phthalate	1670	1390	83	56-108
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1570	94	45-130
206-44-0	Fluoranthene	1670	1590	95	58-110
86-73-7	Fluorene	1670	1460	88	59-108
118-74-1	Hexachlorobenzene	1670	1500	90	55-114
87-68-3	Hexachlorobutadiene	1670	1280	77	44-118
77-47-4	Hexachlorocyclopentadiene	3330	2690	81	41-137
67-72-1	Hexachloroethane	1670	1300	78	50-107
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1650	99	48-120
78-59-1	Isophorone	1670	1410	85	54-109
91-57-6	2-Methylnaphthalene	1670	1290	77	48-104
88-74-4	2-Nitroaniline	1670	1740	104	49-124
99-09-2	3-Nitroaniline	1670	979	59	22-110
100-01-6	4-Nitroaniline	1670	1410	85	50-107
91-20-3	Naphthalene	1670	1280	77	49-100
98-95-3	Nitrobenzene	1670	1340	80	47-108
621-64-7	N-Nitroso-di-n-propylamine	1670	1500	90	49-106
86-30-6	N-Nitrosodiphenylamine	1670	1400	84	53-112
85-01-8	Phenanthrene	1670	1450	87	57-105
129-00-0	Pyrene	1670	1500	90	50-117
95-94-3	1,2,4,5-Tetrachlorobenzene	1670	1440	86	52-109

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99640-BS1	Z117778.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-7

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	82%	30-106%
4165-62-2	Phenol-d5	83%	30-106%
118-79-6	2,4,6-Tribromophenol	101%	24-140%
4165-60-0	Nitrobenzene-d5	88%	26-122%
321-60-8	2-Fluorobiphenyl	81%	36-112%
1718-51-0	Terphenyl-d14	101%	36-132%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99496-MS	Z117695.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
OP99496-MSD	Z117696.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
JC33987-18	Z117697.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
JC33987-18	Z117739.D	10	01/04/17	CS	12/30/16	OP99496	EZ5850

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6

CAS No.	Compound	JC33987-18 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1900	1170	62	1900	1240	65	6	33-106/35
59-50-7	4-Chloro-3-methyl phenol	ND		1900	1440	76	1900	1610	85	11	27-124/34
120-83-2	2,4-Dichlorophenol	ND		1900	1340	71	1900	1470	77	9	25-122/34
105-67-9	2,4-Dimethylphenol	ND		1900	1280	67	1900	1490	78	15	23-133/34
51-28-5	2,4-Dinitrophenol	ND		3800	1300	34	3800	1260	33	3	10-110/51
534-52-1	4,6-Dinitro-o-cresol	ND		1900	830	44	1900	817	43	2	10-113/49
95-48-7	2-Methylphenol	ND		1900	1300	68	1900	1410	74	8	32-111/34
	3&4-Methylphenol	77.7		1900	1420	71	1900	1550	77	9	32-113/34
88-75-5	2-Nitrophenol	ND		1900	1330	70	1900	1430	75	7	17-118/37
100-02-7	4-Nitrophenol	ND		1900	1480	78	1900	1700	89	14	14-154/39
87-86-5	Pentachlorophenol	ND		1900	1500	79	1900	1700	89	13	10-131/43
108-95-2	Phenol	56.9	J	1900	1300	65	1900	1350	68	4	25-112/33
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1900	1400	74	1900	1600	84	13	19-125/37
95-95-4	2,4,5-Trichlorophenol	ND		1900	1390	73	1900	1550	82	11	30-125/35
88-06-2	2,4,6-Trichlorophenol	ND		1900	1440	76	1900	1600	84	11	26-126/35
83-32-9	Acenaphthene	622		1900	4210	189* [a]	1900	2140	80	65* [b]	34-125/36
208-96-8	Acenaphthylene	411		1900	1640	65	1900	1730	69	5	28-113/34
98-86-2	Acetophenone	ND		1900	1420	75	1900	1440	76	1	26-120/34
120-12-7	Anthracene	1540		1900	7020	288* [a]	1900	3350	95	71* [b]	31-131/41
1912-24-9	Atrazine	ND		1900	1630	86	1900	1610	85	1	34-138/36
56-55-3	Benzo(a)anthracene	3630		1900	12800	482* [a]	1900	6440	148* [a]	66* [b]	23-136/43
50-32-8	Benzo(a)pyrene	3320		1900	11300	420* [a]	1900	6270	155* [a]	57* [b]	22-144/42
205-99-2	Benzo(b)fluoranthene	4010 [d]		1900	13400	500* [c]	1900	6960	162* [c]	63* [b]	18-145/43
191-24-2	Benzo(g,h,i)perylene	2150		1900	8380	328* [a]	1900	4770	138	55* [b]	20-138/43
207-08-9	Benzo(k)fluoranthene	1330 [d]		1900	4390	161* [a]	1900	3240	100	30	27-129/43
101-55-3	4-Bromophenyl phenyl ether	ND		1900	1520	80	1900	1600	84	5	39-124/33
85-68-7	Butyl benzyl phthalate	ND		1900	1580	83	1900	1640	86	4	27-143/35
92-52-4	1,1'-Biphenyl	ND		1900	1810	95	1900	1530	81	17	33-116/32
100-52-7	Benzaldehyde	ND		1900	1330	70	1900	1290	68	3	20-129/34
91-58-7	2-Chloronaphthalene	ND		1900	1360	72	1900	1410	74	4	38-110/32
106-47-8	4-Chloroaniline	ND		1900	898	47	1900	742	39	19	10-110/49
86-74-8	Carbazole	ND		1900	3560	187* [a]	1900	2150	113	49* [b]	27-129/38
105-60-2	Caprolactam	ND		1900	1350	71	1900	1450	76	7	18-127/35
218-01-9	Chrysene	3410		1900	11300	415* [a]	1900	5960	134	62* [b]	21-142/43
111-91-1	bis(2-Chloroethoxy)methane	ND		1900	1370	72	1900	1380	73	1	32-116/33
111-44-4	bis(2-Chloroethyl)ether	ND		1900	1320	69	1900	1320	69	0	30-113/37

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99496-MS	Z117695.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
OP99496-MSD	Z117696.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
JC33987-18	Z117697.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
JC33987-18	Z117739.D	10	01/04/17	CS	12/30/16	OP99496	EZ5850

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6

CAS No.	Compound	JC33987-18 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-60-1	bis(2-Chloroisopropyl)ether	ND		1900	1400	74	1900	1090	57	25	28-110/33
7005-72-3	4-Chlorophenyl phenyl ether	ND		1900	1430	75	1900	1550	82	8	38-119/33
121-14-2	2,4-Dinitrotoluene	ND		1900	1560	82	1900	1640	86	5	28-126/36
606-20-2	2,6-Dinitrotoluene	ND		1900	1430	75	1900	1550	82	8	31-126/34
91-94-1	3,3'-Dichlorobenzidine	ND		3800	2070	54	3800	1950	51	6	10-115/44
123-91-1	1,4-Dioxane	ND		1900	800	42	1900	789	42	1	10-110/38
53-70-3	Dibenzo(a,h)anthracene	598		1900	3120	133	1900	2450	97	24	25-135/41
132-64-9	Dibenzofuran	558		1900	3470	153* [a]	1900	1890	70	59* [b]	30-125/35
84-74-2	Di-n-butyl phthalate	ND		1900	1390	73	1900	1530	81	10	32-131/34
117-84-0	Di-n-octyl phthalate	ND		1900	1400	74	1900	1560	82	11	28-144/35
84-66-2	Diethyl phthalate	ND		1900	1340	71	1900	1460	77	9	35-124/32
131-11-3	Dimethyl phthalate	ND		1900	1360	72	1900	1440	76	6	36-121/33
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1900	1650	87	1900	2080	109	23	25-146/35
206-44-0	Fluoranthene	8420 [d]		1900	22300	787* [c]	1900	10100	145* [c]	75* [b]	15-143/46
86-73-7	Fluorene	663		1900	3790	165* [a]	1900	2180	80	54* [b]	30-129/37
118-74-1	Hexachlorobenzene	ND		1900	1450	76	1900	1560	82	7	34-125/34
87-68-3	Hexachlorobutadiene	ND		1900	1330	70	1900	1360	72	2	29-120/34
77-47-4	Hexachlorocyclopentadiene	ND		3800	829	22	3800	759	20	9	10-127/46
67-72-1	Hexachloroethane	ND		1900	1180	62	1900	1160	61	2	21-109/38
193-39-5	Indeno(1,2,3-cd)pyrene	2390		1900	9810	390* [a]	1900	5590	168* [a]	55* [b]	23-141/44
78-59-1	Isophorone	ND		1900	1400	74	1900	1510	79	8	31-124/32
91-57-6	2-Methylnaphthalene	330		1900	2330	105	1900	1620	68	36* [b]	21-125/33
88-74-4	2-Nitroaniline	ND		1900	1600	84	1900	1660	87	4	29-138/33
99-09-2	3-Nitroaniline	ND		1900	1190	63	1900	1140	60	4	12-112/38
100-01-6	4-Nitroaniline	ND		1900	1110	58	1900	1150	61	4	21-117/38
91-20-3	Naphthalene	779		1900	3650	151* [a]	1900	1870	57	64* [b]	24-118/35
98-95-3	Nitrobenzene	ND		1900	1340	71	1900	1380	73	3	28-118/32
621-64-7	N-Nitroso-di-n-propylamine	ND		1900	1410	74	1900	1450	76	3	26-121/34
86-30-6	N-Nitrosodiphenylamine	ND		1900	1490	78	1900	1500	79	1	24-142/35
85-01-8	Phenanthrene	6370 [d]		1900	20000	749* [c]	1900	7510	92	91* [b]	14-144/44
129-00-0	Pyrene	6790 [d]		1900	20400	712* [c]	1900	9550	141	72* [b]	16-147/46
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		1900	1520	80	1900	1560	82	3	37-115/32

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99496-MS	Z117695.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
OP99496-MSD	Z117696.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
JC33987-18	Z117697.D	1	01/03/17	AC	12/30/16	OP99496	EZ5849
JC33987-18	Z117739.D	10	01/04/17	CS	12/30/16	OP99496	EZ5850

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6

CAS No.	Surrogate Recoveries	MS	MSD	JC33987-18	JC33987-18	Limits
367-12-4	2-Fluorophenol	77%	78%	61%	59%	30-106%
4165-62-2	Phenol-d5	79%	80%	66%	62%	30-106%
118-79-6	2,4,6-Tribromophenol	96%	102%	72%	61%	24-140%
4165-60-0	Nitrobenzene-d5	75%	75%	42%	40%	26-122%
321-60-8	2-Fluorobiphenyl	73%	73%	67%	65%	36-112%
1718-51-0	Terphenyl-d14	94%	95%	72%	64%	36-132%

(a) Outside control limits due to matrix interference.
(b) Outside of in house control limits.
(c) Outside control limits due to high level in sample relative to spike amount.
(d) Result is from Run #2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99640-MS	Z117786.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852
OP99640-MSD	Z117787.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852
JC34209-2R	Z117790A.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-7

CAS No.	Compound	JC34209-2R ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1980	1270	64	2010	1280	64	1	33-106/35
59-50-7	4-Chloro-3-methyl phenol	ND		1980	1600	81	2010	1600	79	0	27-124/34
120-83-2	2,4-Dichlorophenol	ND		1980	1410	71	2010	1450	72	3	25-122/34
105-67-9	2,4-Dimethylphenol	ND		1980	1100	56	2010	1150	57	4	23-133/34
51-28-5	2,4-Dinitrophenol	ND		3960	2460	62	4030	2340	58	5	10-110/51
534-52-1	4,6-Dinitro-o-cresol	ND		1980	1440	73	2010	1420	71	1	10-113/49
95-48-7	2-Methylphenol	ND		1980	1290	65	2010	1300	65	1	32-111/34
	3&4-Methylphenol	ND		1980	1350	68	2010	1350	67	0	32-113/34
88-75-5	2-Nitrophenol	ND		1980	1430	72	2010	1480	74	3	17-118/37
100-02-7	4-Nitrophenol	ND		1980	1640	83	2010	1690	84	3	14-154/39
87-86-5	Pentachlorophenol	ND		1980	1800	91	2010	1810	90	1	10-131/43
108-95-2	Phenol	ND		1980	1350	68	2010	1340	67	1	25-112/33
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1980	1570	79	2010	1590	79	1	19-125/37
95-95-4	2,4,5-Trichlorophenol	ND		1980	1560	79	2010	1580	78	1	30-125/35
88-06-2	2,4,6-Trichlorophenol	ND		1980	1550	78	2010	1590	79	3	26-126/35
83-32-9	Acenaphthene	ND		1980	1530	77	2010	1560	77	2	34-125/36
208-96-8	Acenaphthylene	ND		1980	1410	71	2010	1440	72	2	28-113/34
98-86-2	Acetophenone	ND		1980	1520	77	2010	1540	76	1	26-120/34
120-12-7	Anthracene	32.9	J	1980	1570	78	2010	1590	77	1	31-131/41
1912-24-9	Atrazine	ND		1980	1840	93	2010	1840	91	0	34-138/36
56-55-3	Benzo(a)anthracene	70.1		1980	1670	81	2010	1680	80	1	23-136/43
50-32-8	Benzo(a)pyrene	68.1		1980	1730	84	2010	1720	82	1	22-144/42
205-99-2	Benzo(b)fluoranthene	97.2		1980	1730	82	2010	1720	81	1	18-145/43
191-24-2	Benzo(g,h,i)perylene	41.3		1980	1560	77	2010	1550	75	1	20-138/43
207-08-9	Benzo(k)fluoranthene	33.8	J	1980	1610	80	2010	1640	80	2	27-129/43
101-55-3	4-Bromophenyl phenyl ether	ND		1980	1650	83	2010	1670	83	1	39-124/33
85-68-7	Butyl benzyl phthalate	ND		1980	1620	82	2010	1600	79	1	27-143/35
92-52-4	1,1'-Biphenyl	ND		1980	1470	74	2010	1500	74	2	33-116/32
100-52-7	Benzaldehyde	ND		1980	1370	69	2010	1350	67	1	20-129/34
91-58-7	2-Chloronaphthalene	ND		1980	1410	71	2010	1440	72	2	38-110/32
106-47-8	4-Chloroaniline	ND		1980	551	28	2010	538	27	2	10-110/49
86-74-8	Carbazole	ND		1980	1510	76	2010	1510	75	0	27-129/38
105-60-2	Caprolactam	ND		1980	1460	74	2010	1430	71	2	18-127/35
218-01-9	Chrysene	74.5		1980	1550	74	2010	1570	74	1	21-142/43
111-91-1	bis(2-Chloroethoxy)methane	ND		1980	1370	69	2010	1430	71	4	32-116/33
111-44-4	bis(2-Chloroethyl)ether	ND		1980	1440	73	2010	1450	72	1	30-113/37

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99640-MS	Z117786.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852
OP99640-MSD	Z117787.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852
JC34209-2R	Z117790A.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-7

CAS No.	Compound	JC34209-2R ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-60-1	bis(2-Chloroisopropyl)ether	ND		1980	1150	58	2010	1170	58	2	28-110/33
7005-72-3	4-Chlorophenyl phenyl ether	ND		1980	1570	79	2010	1610	80	3	38-119/33
121-14-2	2,4-Dinitrotoluene	ND		1980	1640	83	2010	1690	84	3	28-126/36
606-20-2	2,6-Dinitrotoluene	ND		1980	1580	80	2010	1600	79	1	31-126/34
91-94-1	3,3'-Dichlorobenzidine	ND		3960	845	21	4030	924	23	9	10-115/44
123-91-1	1,4-Dioxane	ND		1980	828	42	2010	825	41	0	10-110/38
53-70-3	Dibenzo(a,h)anthracene	ND		1980	1620	82	2010	1610	80	1	25-135/41
132-64-9	Dibenzofuran	ND		1980	1450	73	2010	1480	74	2	30-125/35
84-74-2	Di-n-butyl phthalate	ND		1980	1640	83	2010	1640	81	0	32-131/34
117-84-0	Di-n-octyl phthalate	ND		1980	1750	88	2010	1760	87	1	28-144/35
84-66-2	Diethyl phthalate	ND		1980	1480	75	2010	1500	74	1	35-124/32
131-11-3	Dimethyl phthalate	ND		1980	1490	75	2010	1520	75	2	36-121/33
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1980	1690	85	2010	1720	85	2	25-146/35
206-44-0	Fluoranthene	159		1980	1770	81	2010	1800	82	2	15-143/46
86-73-7	Fluorene	ND		1980	1580	80	2010	1600	79	1	30-129/37
118-74-1	Hexachlorobenzene	ND		1980	1640	83	2010	1630	81	1	34-125/34
87-68-3	Hexachlorobutadiene	ND		1980	1360	69	2010	1410	70	4	29-120/34
77-47-4	Hexachlorocyclopentadiene	ND		3960	2090	53	4030	2010	50	4	10-127/46
67-72-1	Hexachloroethane	ND		1980	1350	68	2010	1320	66	2	21-109/38
193-39-5	Indeno(1,2,3-cd)pyrene	46.2		1980	1740	86	2010	1720	83	1	23-141/44
78-59-1	Isophorone	ND		1980	1490	75	2010	1530	76	3	31-124/32
91-57-6	2-Methylnaphthalene	ND		1980	1390	70	2010	1430	71	3	21-125/33
88-74-4	2-Nitroaniline	ND		1980	1800	91	2010	1800	89	0	29-138/33
99-09-2	3-Nitroaniline	ND		1980	1050	53	2010	1070	53	2	12-112/38
100-01-6	4-Nitroaniline	ND		1980	1160	59	2010	1170	58	1	21-117/38
91-20-3	Naphthalene	ND		1980	1350	68	2010	1370	68	1	24-118/35
98-95-3	Nitrobenzene	ND		1980	1410	71	2010	1450	72	3	28-118/32
621-64-7	N-Nitroso-di-n-propylamine	ND		1980	1600	81	2010	1600	79	0	26-121/34
86-30-6	N-Nitrosodiphenylamine	ND		1980	1430	72	2010	1470	73	3	24-142/35
85-01-8	Phenanthrene	125		1980	1650	77	2010	1650	76	0	14-144/44
129-00-0	Pyrene	126		1980	1710	80	2010	1720	79	1	16-147/46
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		1980	1550	78	2010	1610	80	4	37-115/32

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99640-MS	Z117786.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852
OP99640-MSD	Z117787.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852
JC34209-2R	Z117790A.D	1	01/05/17	AC	01/04/17	OP99640	EZ5852

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34158-7

CAS No.	Surrogate Recoveries	MS	MSD	JC34209-2R	Limits
367-12-4	2-Fluorophenol	67%	65%		30-106%
4165-62-2	Phenol-d5	71%	69%		30-106%
118-79-6	2,4,6-Tribromophenol	87%	87%		24-140%
4165-60-0	Nitrobenzene-d5	76%	76%	72%	26-122%
321-60-8	2-Fluorobiphenyl	72%	72%	72%	36-112%
1718-51-0	Terphenyl-d14	91%	89%	87%	36-132%

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: EZ5841-DFTPP
Lab File ID: Z117521.D
Instrument ID: GCMSZ
Injection Date: 12/27/16
Injection Time: 12:36

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	28493	31.9		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	33645	37.6		Pass
70	Less than 2.0% of mass 69	115	0.13	(0.34) [a]	Pass
127	40.0 - 60.0% of mass 198	42266	47.3		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	89445	100.0		Pass
199	5.0 - 9.0% of mass 198	5952	6.65		Pass
275	10.0 - 30.0% of mass 198	23037	25.8		Pass
365	1.0 - 100.0% of mass 198	2394	2.68		Pass
441	Present, but less than mass 443	8538	9.55	(72.0) [b]	Pass
442	40.0 - 100.0% of mass 198	61176	68.4		Pass
443	17.0 - 23.0% of mass 442	11851	13.2	(19.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EZ5841-IC5841	Z117522.D	12/27/16	12:52	00:16	Initial cal 100
EZ5841-IC5841	Z117523.D	12/27/16	13:22	00:46	Initial cal 80
EZ5841-ICC5841	Z117524.D	12/27/16	13:51	01:15	Initial cal 50
EZ5841-IC5841	Z117525.D	12/27/16	14:20	01:44	Initial cal 25
EZ5841-IC5841	Z117526.D	12/27/16	14:50	02:14	Initial cal 10
EZ5841-IC5841	Z117527.D	12/27/16	15:19	02:43	Initial cal 5
EZ5841-IC5841	Z117528.D	12/27/16	15:49	03:13	Initial cal 2
EZ5841-IC5841	Z117529.D	12/27/16	16:18	03:42	Initial cal 1
EZ5841-ICV5841	Z117530.D	12/27/16	16:47	04:11	Initial cal verification 50
EZ5841-ICV5841	Z117531.D	12/27/16	17:17	04:41	Initial cal verification 50
EZ5841-ICV5841	Z117532.D	12/27/16	17:46	05:10	Initial cal verification 50
EZ5841-ICV5841	Z117533.D	12/27/16	18:15	05:39	Initial cal verification 50
EZ5841-ICV5841	Z117534.D	12/27/16	18:44	06:08	Initial cal verification 50
EZ5841-ICV5841	Z117535.D	12/27/16	19:14	06:38	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: EZ5842-DFTPP
Lab File ID: Z117536.D
Instrument ID: GCMSZ
Injection Date: 12/27/16
Injection Time: 22:17

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	24933	31.9		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	28708	36.7		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	36616	46.8		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	78245	100.0		Pass
199	5.0 - 9.0% of mass 198	5380	6.88		Pass
275	10.0 - 30.0% of mass 198	19504	24.9		Pass
365	1.0 - 100.0% of mass 198	1993	2.55		Pass
441	Present, but less than mass 443	7225	9.23	(75.6) [b]	Pass
442	40.0 - 100.0% of mass 198	49781	63.6		Pass
443	17.0 - 23.0% of mass 442	9553	12.2	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EZ5842-IC5842	Z117537.D	12/27/16	22:31	00:14	Initial cal 100
EZ5842-IC5842	Z117538.D	12/27/16	23:00	00:43	Initial cal 80
EZ5842-ICC5842	Z117539.D	12/27/16	23:29	01:12	Initial cal 50
EZ5842-IC5842	Z117540.D	12/27/16	23:58	01:41	Initial cal 25
EZ5842-IC5842	Z117541.D	12/28/16	00:27	02:10	Initial cal 10
EZ5842-IC5842	Z117542.D	12/28/16	00:56	02:39	Initial cal 5
EZ5842-IC5842	Z117543.D	12/28/16	01:24	03:07	Initial cal 2
EZ5842-IC5842	Z117544.D	12/28/16	01:53	03:36	Initial cal 1
EZ5842-ICV5842	Z117545.D	12/28/16	02:22	04:05	Initial cal verification 50
EZ5842-ICV5842	Z117546.D	12/28/16	02:51	04:34	Initial cal verification 50
EZ5842-ICV5842	Z117547.D	12/28/16	03:20	05:03	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	EZ5849-DFTPP	**Injection Date:**	01/03/17
Lab File ID:	Z117681.D	**Injection Time:**	08:16
Instrument ID:	GCMSZ		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	36161	45.7		Pass
68	Less than 2.0% of mass 69	224	0.28	(0.62) [a]	Pass
69	Mass 69 relative abundance	36263	45.8		Pass
70	Less than 2.0% of mass 69	372	0.47	(1.03) [a]	Pass
127	40.0 - 60.0% of mass 198	40125	50.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	79152	100.0		Pass
199	5.0 - 9.0% of mass 198	5184	6.55		Pass
275	10.0 - 30.0% of mass 198	21551	27.2		Pass
365	1.0 - 100.0% of mass 198	2572	3.25		Pass
441	Present, but less than mass 443	7456	9.42	(68.5) [b]	Pass
442	40.0 - 100.0% of mass 198	56074	70.8		Pass
443	17.0 - 23.0% of mass 442	10877	13.7	(19.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EZ5849-CC5841	Z117682.D	01/03/17	08:31	00:15	Continuing cal 50
EZ5849-CC5842	Z117683.D	01/03/17	08:58	00:42	Continuing cal 50
OP99496-MB1	Z117685.D	01/03/17	09:52	01:36	Method Blank
OP99496-BS1	Z117686.D	01/03/17	10:19	02:03	Blank Spike
ZZZZZZ	Z117687.D	01/03/17	10:48	02:32	(unrelated sample)
ZZZZZZ	Z117688.D	01/03/17	11:16	03:00	(unrelated sample)
ZZZZZZ	Z117689.D	01/03/17	11:44	03:28	(unrelated sample)
ZZZZZZ	Z117690.D	01/03/17	12:12	03:56	(unrelated sample)
ZZZZZZ	Z117691.D	01/03/17	12:40	04:24	(unrelated sample)
ZZZZZZ	Z117692.D	01/03/17	13:08	04:52	(unrelated sample)
JC34158-1	Z117693.D	01/03/17	13:36	05:20	HOFF SB-18_7-8
JC34158-2	Z117694.D	01/03/17	14:03	05:47	HOFF SB-03_8-9
OP99496-MS	Z117695.D	01/03/17	14:31	06:15	Matrix Spike
OP99496-MSD	Z117696.D	01/03/17	14:59	06:43	Matrix Spike Duplicate
JC33987-18	Z117697.D	01/03/17	15:27	07:11	(used for QC only; not part of job JC34158)
JC34158-3	Z117698.D	01/03/17	16:22	08:06	HOFF SB-15_6.5-7.5
JC34158-4	Z117699.D	01/03/17	16:50	08:34	HOFF SB-14_8.5-9.5
JC34158-5	Z117700.D	01/03/17	17:19	09:03	HOFF SB-16_7-8
ZZZZZZ	Z117701.D	01/03/17	17:47	09:31	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	EZ5849-DFTPP	**Injection Date:**	01/03/17
Lab File ID:	Z117681.D	**Injection Time:**	08:16
Instrument ID:	GCMSZ		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	Z117702.D	01/03/17	18:14	09:58	(unrelated sample)
ZZZZZZ	Z117705.D	01/03/17	19:38	11:22	(unrelated sample)
ZZZZZZ	Z117706.D	01/03/17	20:06	11:50	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	EZ5850-DFTPP	**Injection Date:**	01/03/17
Lab File ID:	Z117710.D	**Injection Time:**	22:26
Instrument ID:	GCMSZ		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	32072	45.6		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	32309	46.0		Pass
70	Less than 2.0% of mass 69	176	0.25	(0.54) [a]	Pass
127	40.0 - 60.0% of mass 198	35656	50.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	70301	100.0		Pass
199	5.0 - 9.0% of mass 198	4838	6.88		Pass
275	10.0 - 30.0% of mass 198	19784	28.1		Pass
365	1.0 - 100.0% of mass 198	2499	3.55		Pass
441	Present, but less than mass 443	7572	10.8	(72.9) [b]	Pass
442	40.0 - 100.0% of mass 198	54928	78.1		Pass
443	17.0 - 23.0% of mass 442	10390	14.8	(18.9) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EZ5850-CC5841	Z117711.D	01/03/17	22:56	00:30	Continuing cal 25
EZ5850-CC5842	Z117712.D	01/03/17	23:24	00:58	Continuing cal 25
OP99456-MB1	Z117713.D	01/03/17	23:54	01:28	Method Blank
OP99556-MB1	Z117714.D	01/04/17	00:22	01:56	Method Blank
OP99556-BS1	Z117715.D	01/04/17	00:50	02:24	Blank Spike
ZZZZZZ	Z117716.D	01/04/17	01:18	02:52	(unrelated sample)
OP99556-MS	Z117717.D	01/04/17	01:46	03:20	Matrix Spike
OP99556-MSD	Z117718.D	01/04/17	02:14	03:48	Matrix Spike Duplicate
JC34355-1	Z117719.D	01/04/17	02:42	04:16	(used for QC only; not part of job JC34158)
ZZZZZZ	Z117720.D	01/04/17	03:10	04:44	(unrelated sample)
ZZZZZZ	Z117721.D	01/04/17	03:38	05:12	(unrelated sample)
ZZZZZZ	Z117722.D	01/04/17	04:06	05:40	(unrelated sample)
ZZZZZZ	Z117723.D	01/04/17	04:33	06:07	(unrelated sample)
ZZZZZZ	Z117724.D	01/04/17	05:01	06:35	(unrelated sample)
ZZZZZZ	Z117725.D	01/04/17	05:29	07:03	(unrelated sample)
ZZZZZZ	Z117726.D	01/04/17	05:57	07:31	(unrelated sample)
ZZZZZZ	Z117727.D	01/04/17	06:25	07:59	(unrelated sample)
ZZZZZZ	Z117728.D	01/04/17	06:53	08:27	(unrelated sample)
ZZZZZZ	Z117729.D	01/04/17	07:21	08:55	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	EZ5850-DFTPP	**Injection Date:**	01/03/17
Lab File ID:	Z117710.D	**Injection Time:**	22:26
Instrument ID:	GCMSZ		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	Z117730.D	01/04/17	07:49	09:23	(unrelated sample)
ZZZZZZ	Z117731.D	01/04/17	08:17	09:51	(unrelated sample)
ZZZZZZ	Z117732.D	01/04/17	08:45	10:19	(unrelated sample)
JC33987-18	Z117739.D	01/04/17	09:13	10:47	(used for QC only; not part of job JC34158)
JC34158-6	Z117740.D	01/04/17	09:41	11:15	HOFF SB-19_4.5-5.5
ZZZZZZ	Z117741.D	01/04/17	10:09	11:43	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: EZ5852-DFTPP
Lab File ID: Z117773.D
Instrument ID: GCMSZ
Injection Date: 01/05/17
Injection Time: 08:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	22520	37.1		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	24887	41.0		Pass
70	Less than 2.0% of mass 69	133	0.22	(0.53) [a]	Pass
127	40.0 - 60.0% of mass 198	28779	47.5		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	60648	100.0		Pass
199	5.0 - 9.0% of mass 198	4058	6.69		Pass
275	10.0 - 30.0% of mass 198	18137	29.9		Pass
365	1.0 - 100.0% of mass 198	2095	3.45		Pass
441	Present, but less than mass 443	6631	10.9	(78.4) [b]	Pass
442	40.0 - 100.0% of mass 198	45389	74.8		Pass
443	17.0 - 23.0% of mass 442	8459	13.9	(18.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EZ5852-CC5841	Z117774.D	01/05/17	08:21	00:14	Continuing cal 25
EZ5852-CC5842	Z117775.D	01/05/17	08:49	00:42	Continuing cal 25
OP99640-MB1	Z117777.D	01/05/17	09:43	01:36	Method Blank
OP99640-BS1	Z117778.D	01/05/17	10:11	02:04	Blank Spike
ZZZZZZ	Z117779.D	01/05/17	10:39	02:32	(unrelated sample)
ZZZZZZ	Z117780.D	01/05/17	11:07	03:00	(unrelated sample)
ZZZZZZ	Z117781.D	01/05/17	11:34	03:27	(unrelated sample)
ZZZZZZ	Z117782.D	01/05/17	12:02	03:55	(unrelated sample)
JC34158-7	Z117783.D	01/05/17	12:30	04:23	HOFF SB-20_7-8
ZZZZZZ	Z117784.D	01/05/17	12:58	04:51	(unrelated sample)
ZZZZZZ	Z117799.D	01/05/17	13:25	05:18	(unrelated sample)
ZZZZZZ	Z117785.D	01/05/17	14:21	06:14	(unrelated sample)
OP99640-MS	Z117786.D	01/05/17	14:49	06:42	Matrix Spike
OP99640-MSD	Z117787.D	01/05/17	15:16	07:09	Matrix Spike Duplicate
ZZZZZZ	Z117788.D	01/05/17	15:44	07:37	(unrelated sample)
ZZZZZZ	Z117789.D	01/05/17	16:11	08:04	(unrelated sample)
JC34209-2R	Z117790A.D	01/05/17	16:54	08:47	(used for QC only; not part of job JC34158)
ZZZZZZ	Z117791.D	01/05/17	17:22	09:15	(unrelated sample)
ZZZZZZ	Z117792.D	01/05/17	17:50	09:43	(unrelated sample)

Semivolatile Surrogate Recovery Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Method: SW846 8270D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JC34158-1	Z117693.D	79	80	101	77	76	87
JC34158-2	Z117694.D	79	83	117	84	78	98
JC34158-3	Z117698.D	82	81	114	89	76	88
JC34158-4	Z117699.D	81	82	109	80	80	95
JC34158-5	Z117700.D	78	79	103	78	73	90
JC34158-6	Z117740.D	80	87	105	78	81	92
JC34158-7	Z117783.D	68	71	90	77	74	89
OP99496-BS1	Z117686.D	88	89	102	81	76	91
OP99496-MB1	Z117685.D	88	89	104	87	83	92
OP99496-MS	Z117695.D	77	79	96	75	73	94
OP99496-MSD	Z117696.D	78	80	102	75	73	95
OP99640-BS1	Z117778.D	82	83	101	88	81	101
OP99640-MB1	Z117777.D	76	78	92	86	81	94
OP99640-MS	Z117786.D	67	71	87	76	72	91
OP99640-MSD	Z117787.D	65	69	87	76	72	89

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	30-106%
S2 = Phenol-d5	30-106%
S3 = 2,4,6-Tribromophenol	24-140%
S4 = Nitrobenzene-d5	26-122%
S5 = 2-Fluorobiphenyl	36-112%
S6 = Terphenyl-d14	36-132%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99472-MB1	OA122291.D	1	12/27/16	VDT	12/26/16	OP99472	GOA4202

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-6, JC34158-7

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	17	7.5	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	3.3	1.2	ug/kg	
93-76-5	2,4,5-T	ND	3.3	1.3	ug/kg	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	111%	10-156%
19719-28-9	2,4-DCAA	75%	10-156%

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99568-MB1	OA122480.D	1	01/04/17	VDT	12/30/16	OP99568	GOA4206

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34158-5

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	17	7.5	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	3.3	1.2	ug/kg	
93-76-5	2,4,5-T	ND	3.3	1.3	ug/kg	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	84%	10-156%
19719-28-9	2,4-DCAA	101%	10-156%

Method Blank Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99419-MB1	6G42645.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.67	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.67	0.36	ug/kg	
319-85-7	beta-BHC	ND	0.67	0.42	ug/kg	
319-86-8	delta-BHC	ND	0.67	0.30	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.67	0.29	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.67	0.32	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.67	0.29	ug/kg	
60-57-1	Dieldrin	ND	0.67	0.33	ug/kg	
72-54-8	4,4'-DDD	ND	0.67	0.43	ug/kg	
72-55-9	4,4'-DDE	ND	0.67	0.35	ug/kg	
50-29-3	4,4'-DDT	ND	0.67	0.40	ug/kg	
72-20-8	Endrin	ND	0.67	0.31	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.67	0.27	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.67	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.67	0.35	ug/kg	
33213-65-9	Endosulfan-II	ND	0.67	0.35	ug/kg	
76-44-8	Heptachlor	ND	0.67	0.33	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.67	0.36	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.33	ug/kg	
53494-70-5	Endrin ketone	ND	0.67	0.51	ug/kg	
8001-35-2	Toxaphene	ND	17	6.9	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	61%	24-136%
877-09-8	Tetrachloro-m-xylene	67%	24-136%
2051-24-3	Decachlorobiphenyl	86%	10-153%
2051-24-3	Decachlorobiphenyl	83%	10-153%

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99568-BS1	OA122481.D	1	01/04/17	VDT	12/30/16	OP99568	GOA4206

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34158-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
94-75-7	2,4-D	133	104	78	63-160
93-72-1	2,4,5-TP (Silvex)	26.7	18.3	69	53-132
93-76-5	2,4,5-T	26.7	17.1	64	41-139

CAS No.	Surrogate Recoveries	BSP	Limits
19719-28-9	2,4-DCAA	81%	10-156%
19719-28-9	2,4-DCAA	93%	10-156%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99419-BS1	6G42646.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
309-00-2	Aldrin	16.7	11.9	71	40-135
319-84-6	alpha-BHC	16.7	11.0	66	37-134
319-85-7	beta-BHC	16.7	11.9	71	37-131
319-86-8	delta-BHC	16.7	14.5	87	34-132
58-89-9	gamma-BHC (Lindane)	16.7	11.5	69	36-128
5103-71-9	alpha-Chlordane	16.7	13.2	79	40-131
5103-74-2	gamma-Chlordane	16.7	13.2	79	41-133
60-57-1	Dieldrin	16.7	14.0	84	33-133
72-54-8	4,4'-DDD	16.7	11.7	70	37-132
72-55-9	4,4'-DDE	16.7	12.8	77	39-133
50-29-3	4,4'-DDT	16.7	14.4	86	26-150
72-20-8	Endrin	16.7	14.0	84	41-134
1031-07-8	Endosulfan sulfate	16.7	15.0	90	38-138
7421-93-4	Endrin aldehyde	16.7	12.8	77	37-129
959-98-8	Endosulfan-I	16.7	14.0	84	39-130
33213-65-9	Endosulfan-II	16.7	14.2	85	40-134
76-44-8	Heptachlor	16.7	12.8	77	36-132
1024-57-3	Heptachlor epoxide	16.7	10.3	62	39-131
72-43-5	Methoxychlor	16.7	13.5	81	28-149
53494-70-5	Endrin ketone	16.7	18.5	111 [a]	31-138

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	58%	24-136%
877-09-8	Tetrachloro-m-xylene	63%	24-136%
2051-24-3	Decachlorobiphenyl	85%	10-153%
2051-24-3	Decachlorobiphenyl	74%	10-153%

(a) Reported from 2nd signal. %D of check calibration on 1st signal exceed method criteria (20%) so using for confirmation only.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99472-BS1	OA122292.D	1	12/27/16	VDT	12/26/16	OP99472	GOA4202
OP99472-BSD	OA122293.D	1	12/27/16	VDT	12/26/16	OP99472	GOA4202

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-6, JC34158-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
94-75-7	2,4-D	133	111	83	114	86	3	63-160/30
93-72-1	2,4,5-TP (Silvex)	26.7	23.9	90	24.7	93	3	53-132/30
93-76-5	2,4,5-T	26.7	22.4	84	24.4	92	9	41-139/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
19719-28-9	2,4-DCAA	112%	106%	10-156%
19719-28-9	2,4-DCAA	83%	81%	10-156%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99472-MS	OA122576.D	2	01/06/17	VDT	12/26/16	OP99472	GOA4208
OP99472-MSD	OA122577.D	2	01/06/17	VDT	12/26/16	OP99472	GOA4208
JC33987-18	OA122353.D	2	12/29/16	VDT	12/26/16	OP99472	GOA4203

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-6, JC34158-7

CAS No.	Compound	JC33987-18 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
94-75-7	2,4-D	ND		150	129	86	145	159	110	21	10-176/56
93-72-1	2,4,5-TP (Silvex)	ND		29.9	121	405* [a]	29	85.2	294* [a]	35	10-146/52
93-76-5	2,4,5-T	ND		29.9	30.8	103	29	64.5	223* [a]	71* [a]	10-145/56

CAS No.	Surrogate Recoveries	MS	MSD	JC33987-18	Limits
19719-28-9	2,4-DCAA	36%	29%	36%	10-156%
19719-28-9	2,4-DCAA	74%	80%	44%	10-156%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99568-MS	OA122506.D	2	01/04/17	VDT	12/30/16	OP99568	GOA4207
OP99568-MSD	OA122507.D	2	01/04/17	VDT	12/30/16	OP99568	GOA4207
JC34158-5	OA122503.D	2	01/04/17	VDT	12/30/16	OP99568	GOA4207

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34158-5

CAS No.	Compound	JC34158-5 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
94-75-7	2,4-D	ND		153	146	96	159	167	105	13	10-176/56
93-72-1	2,4,5-TP (Silvex)	ND		30.6	32.4	106	31.8	30.2	95	7	10-146/52
93-76-5	2,4,5-T	ND		30.6	25.7	84	31.8	32.9	104	25	10-145/56

CAS No.	Surrogate Recoveries	MS	MSD	JC34158-5	Limits
19719-28-9	2,4-DCAA	94%	78%	63%	10-156%
19719-28-9	2,4-DCAA	109%	85%	54%	10-156%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99419-MS	6G42648.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212
OP99419-MSD	6G42649.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212
JC34158-1	6G42647.D	1	12/23/16	CP	12/22/16	OP99419	G6G1212

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

CAS No.	Compound	JC34158-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	ND		19.1	14.0	73	18.9	14.5	77	4	19-147/48
319-84-6	alpha-BHC	ND		19.1	13.4	70	18.9	14.0	74	4	13-155/50
319-85-7	beta-BHC	ND		19.1	13.5	71	18.9	14.6	77	8	10-145/53
319-86-8	delta-BHC	ND		19.1	15.1	79	18.9	16.1	85	6	11-148/51
58-89-9	gamma-BHC (Lindane)	ND		19.1	13.5	71	18.9	14.3	76	6	16-143/47
5103-71-9	alpha-Chlordane	ND		19.1	17.5	91	18.9	18.5	98	6	15-151/50
5103-74-2	gamma-Chlordane	ND		19.1	14.6	76	18.9	16.7	88	13	13-151/50
60-57-1	Dieldrin	ND		19.1	15.6	81	18.9	16.5	87	6	10-157/54
72-54-8	4,4'-DDD	ND		19.1	13.0	68	18.9	14.2	75	9	10-157/52
72-55-9	4,4'-DDE	ND		19.1	13.7	72	18.9	15.3	81	11	10-155/49
50-29-3	4,4'-DDT	ND		19.1	16.1	84	18.9	17.1	90	6	10-187/49
72-20-8	Endrin	ND		19.1	17.5	91	18.9	18.1	96	3	14-154/53
1031-07-8	Endosulfan sulfate	ND		19.1	16.6	87	18.9	17.8	94	7	16-140/55
7421-93-4	Endrin aldehyde	ND		19.1	14.2	74	18.9	15.4	81	8	10-156/51
959-98-8	Endosulfan-I	ND		19.1	15.8	83	18.9	16.7	88	6	12-142/47
33213-65-9	Endosulfan-II	ND		19.1	16.1	84	18.9	16.5	87	2	10-150/52
76-44-8	Heptachlor	ND		19.1	15.6	81	18.9	16.1	85	3	10-159/49
1024-57-3	Heptachlor epoxide	ND		19.1	11.7	61	18.9	12.4	66	6	16-150/51
72-43-5	Methoxychlor	ND		19.1	13.8	72	18.9	15.4	81	11	10-166/52
53494-70-5	Endrin ketone	ND		19.1	19.6	102	18.9	21.0	111	7	10-171/52
8001-35-2	Toxaphene	ND			ND			ND		nc	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	JC34158-1	Limits
877-09-8	Tetrachloro-m-xylene	63%	66%	66%	24-136%
877-09-8	Tetrachloro-m-xylene	69%	73%	73%	24-136%
2051-24-3	Decachlorobiphenyl	84%	89%	85%	10-153%
2051-24-3	Decachlorobiphenyl	80%	86%	82%	10-153%

* = Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Method: SW846 8151 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]
JC34158-1	OA122342.D	20	16
JC34158-2	OA122343.D	104	95
JC34158-3	OA122344.D	52	39
JC34158-4	OA122345.D	22	20
JC34158-5	OA122503.D	63	54
JC34158-6	OA122347.D	68	37
JC34158-7	OA122348.D	19	11
OP99472-BS1	OA122292.D	112	83
OP99472-BSD	OA122293.D	106	81
OP99472-MB1	OA122291.D	111	75
OP99472-MS	OA122576.D	36	74
OP99472-MSD	OA122577.D	29	80
OP99568-BS1	OA122481.D	81	93
OP99568-MB1	OA122480.D	84	101
OP99568-MS	OA122506.D	94	109
OP99568-MSD	OA122507.D	78	85

Surrogate Compounds	Recovery Limits
S1 = 2,4-DCAA	10-156%

(a) Recovery from GC signal #2
(b) Recovery from GC signal #1

Semivolatile Surrogate Recovery Summary

Job Number: JC34158
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Method: SW846 8081B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JC34158-1	6G42647.D	66	73	85	82
JC34158-2	6G42780.D	86	169* [c]	75	111
JC34158-3	6G42781.D	88	118	94	104
JC34158-4	6G42655.D	60	69	63	64
JC34158-5	6G42656.D	77	77	77	72
JC34158-6	6G42657.D	74	77	70	74
JC34158-7	6G42658.D	79	75	78	71
OP99419-BS1	6G42646.D	58	63	85	74
OP99419-MB1	6G42645.D	61	67	86	83
OP99419-MS	6G42648.D	63	69	84	80
OP99419-MSD	6G42649.D	66	73	89	86

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	24-136%
S2 = Decachlorobiphenyl	10-153%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2
(c) Outside control limits due to matrix interference.

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 12/29/16

Metal	RL	IDL	MDL	MB raw	final
Aluminum	49	.69	1.9	1.5	<49
Antimony	2.0	.2	.29	0.078	<2.0
Arsenic	2.0	.2	.21	0.0	<2.0
Barium	20	.029	.079	0.029	<20
Beryllium	0.20	.0098	.022	-0.0098	<0.20
Bismuth	2.0	.24	.23		
Boron	9.8	.15	.44		
Cadmium	0.49	.029	.049	-0.0098	<0.49
Calcium	490	11	1.9	10.1	<490
Chromium	0.98	.039	.12	0.020	<0.98
Cobalt	4.9	.029	.058	-0.0098	<4.9
Copper	2.5	.088	.21	-0.020	<2.5
Iron	49	.22	.78	1.3	<49
Lead	2.0	.15	.22	-0.12	<2.0
Lithium	2.0	.15	.44		
Magnesium	490	2.1	5.8	6.7	<490
Manganese	1.5	.0098	.035	0.039	<1.5
Molybdenum	2.0	.049	.079		
Nickel	3.9	.039	.075	0.020	<3.9
Palladium	4.9	.12	.46		
Potassium	980	3.7	18	2.6	<980
Selenium	2.0	.33	.45	-0.049	<2.0
Silicon	20	.21	3.6		
Silver	0.49	.029	.097	0.049	<0.49
Sodium	980	2.1	3.8	10.5	<980
Strontium	0.98	.02	.024		
Sulfur	4.9	.82	.57		
Thallium	0.98	.18	.39	0.029	<0.98
Tin	4.9	.11	.52		
Titanium	0.98	.039	.12		
Tungsten	4.9	.16	.32		
Vanadium	4.9	.029	.081	0.0098	<4.9
Zinc	4.9	.029	.21	0.11	<4.9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 12/29/16

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.02	.13		

Associated samples MP97882: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 12/29/16

Metal	JC34158-7 Original	MS	Spikelot MPSPK1	% Rec	QC Limits
Aluminum	20000	25800	2760	210.2(a)	75-125
Antimony	0.0	110	221	49.8N(b)	75-125
Arsenic	5.0	180	221	79.3	75-125
Barium	36.4	244	221	94.0	75-125
Beryllium	1.6	211	221	94.8	75-125
Bismuth					
Boron					
Cadmium	0.64	208	221	93.9	75-125
Calcium	2300	4750	2760	88.8	75-125
Chromium	69.2	262	221	87.3	75-125
Cobalt	14.6	219	221	92.6	75-125
Copper	7.7	202	221	88.0	75-125
Iron	38800	33900	2760	-177.5(a	75-125
Lead	3.7	216	221	96.2	75-125
Lithium					
Magnesium	8120	10700	2760	93.5	75-125
Manganese	495	696	221	91.0	75-125
Molybdenum					
Nickel	29.0	240	221	95.6	75-125
Palladium					
Potassium	628	3120	2760	90.3	75-125
Selenium	0.0	192	221	87.0	75-125
Silicon					
Silver	0.0	24.2	27.6	87.7	75-125
Sodium	306	2970	2760	96.5	75-125
Strontium					
Sulfur					
Thallium	0.0	214	221	96.9	75-125
Tin					
Titanium					
Tungsten					
Vanadium	80.7	271	221	86.2	75-125
Zinc	82.7	279	221	88.9	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882 Methods: SW846 6010C
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/29/16

Metal	JC34158-7 Original MS	Spikelot MPSPK1	% Rec	QC Limits

Zirconium

Associated samples MP97882: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 12/29/16

Metal	JC34158-7 Original	MSD	Spikelot MPSPK1	% Rec	MSD RPD	QC Limit
Aluminum	20000	24600	2960	155.5(a)	4.8	20
Antimony	0.0	116	237	49.0N(b)	5.3	20
Arsenic	5.0	186	237	76.5	3.3	20
Barium	36.4	250	237	90.2	2.4	20
Beryllium	1.6	214	237	89.7	1.4	20
Bismuth						
Boron						
Cadmium	0.64	212	237	89.3	1.9	20
Calcium	2300	4830	2960	85.5	1.7	20
Chromium	69.2	261	237	81.0	0.4	20
Cobalt	14.6	223	237	88.0	1.8	20
Copper	7.7	204	237	82.9	1.0	20
Iron	38800	31000	2960	-263.6(a	8.9	20
Lead	3.7	219	237	91.0	1.4	20
Lithium						
Magnesium	8120	10300	2960	73.7N(b)	3.8	20
Manganese	495	661	237	70.1N(b)	5.2	20
Molybdenum						
Nickel	29.0	247	237	92.1	2.9	20
Palladium						
Potassium	628	3130	2960	84.6	0.3	20
Selenium	0.0	196	237	82.8	2.1	20
Silicon						
Silver	0.0	24.6	29.6	83.1	1.6	20
Sodium	306	3090	2960	94.1	4.0	20
Strontium						
Sulfur						
Thallium	0.0	218	237	92.1	1.9	20
Tin						
Titanium						
Tungsten						
Vanadium	80.7	268	237	79.1	1.1	20
Zinc	82.7	283	237	84.6	1.4	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882 Methods: SW846 6010C
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/29/16

Metal	JC34158-7 Original	MSD	Spikelot MPSPK1	% Rec	MSD RPD	QC Limit

Zirconium

Associated samples MP97882: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:	12/29/16				12/29/16			
Metal	LCS Result	Spikelot MPLC54085% Rec		QC Limits	LCS Result	Spikelot MPLC54085% Rec		QC Limits
Aluminum	7930	8060	98.4	51-149	7660	8060	95.0	51-149
Antimony	67.1	94	71.4	2-214	64.6	94	68.7	2-214
Arsenic	105	113	92.9	78-122	98.4	113	87.1	78-122
Barium	152	155	98.1	82-117	146	155	94.2	82-117
Beryllium	99.0	109	90.8	83-117	94.4	109	86.6	83-117
Bismuth								
Boron								
Cadmium	66.6	67.5	98.7	82-118	61.3	67.5	90.8	82-118
Calcium	5200	5850	88.9	81-119	5180	5850	88.5	81-119
Chromium	162	164	98.8	79-121	152	164	92.7	79-121
Cobalt	99.2	100	99.2	83-117	93.2	100	93.2	83-117
Copper	121	128	94.5	82-119	113	128	88.3	82-119
Iron	14100	15200	92.8	47-153	13200	15200	86.8	47-153
Lead	90.2	90.1	100.1	82-119	87.6	90.1	97.2	82-119
Lithium								
Magnesium	2600	2790	93.2	76-125	2500	2790	89.6	76-125
Manganese	374	363	103.0	81-119	362	363	99.7	81-119
Molybdenum								
Nickel	93.1	89.3	104.3	82-118	87.5	89.3	98.0	82-118
Palladium								
Potassium	2890	2770	104.3	70-130	2780	2770	100.4	70-130
Selenium	144	156	92.3	78-122	136	156	87.2	78-122
Silicon								
Silver	47.7	52.6	90.7	75-125	44.6	52.6	84.8	75-125
Sodium	700	686	102.0	64-130	654	686	95.3	64-130
Strontium								
Sulfur								
Thallium	129	116	111.2	79-121	118	116	101.7	79-121
Tin								
Titanium								
Tungsten								
Vanadium	74.3	73	101.8	77-123	69.6	73	95.3	77-123
Zinc	165	168	98.2	82-118	155	168	92.3	82-118

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 12/29/16 12/29/16

Metal	LCS Result	Spikelot MPLC54085% Rec	QC Limits	LCS Result	Spikelot MPLC54085% Rec	QC Limits
Zirconium						

Associated samples MP97882: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 12/29/16

Metal	BSP Result	Spikelot MPSPK1	% Rec	QC Limits
Aluminum	2440	2500	97.6	80-120
Antimony	184	200	92.0	80-120
Arsenic	182	200	91.0	80-120
Barium	197	200	98.5	80-120
Beryllium	186	200	93.0	80-120
Bismuth				
Boron				
Cadmium	192	200	96.0	80-120
Calcium	2350	2500	94.0	80-120
Chromium	192	200	96.0	80-120
Cobalt	192	200	96.0	80-120
Copper	192	200	96.0	80-120
Iron	2280	2500	91.2	80-120
Lead	195	200	97.5	80-120
Lithium				
Magnesium	2320	2500	92.8	80-120
Manganese	194	200	97.0	80-120
Molybdenum				
Nickel	197	200	98.5	80-120
Palladium				
Potassium	2550	2500	102.0	80-120
Selenium	184	200	92.0	80-120
Silicon				
Silver	23.4	25	93.6	80-120
Sodium	2510	2500	100.4	80-120
Strontium				
Sulfur				
Thallium	203	200	101.5	80-120
Tin				
Titanium				
Tungsten				
Vanadium	191	200	95.5	80-120
Zinc	192	200	96.0	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 12/29/16

Metal	BSP Result	Spikelot MPSPK1	% Rec	QC Limits
Zirconium				

Associated samples MP97882: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/29/16

Metal	JC34158-7 Original	SDL 1:5	%DIF	QC Limits
Aluminum	173000	185000	7.1	0-10
Antimony	0.00	0.00	NC	0-10
Arsenic	43.2	36.6	15.3 (a)	0-10
Barium	314	339	8.0	0-10
Beryllium	13.8	15.1	9.4	0-10
Bismuth				
Boron				
Cadmium	5.50	7.50	36.4 (a)	0-10
Calcium	19800	22100	11.5*(b)	0-10
Chromium	597	603	1.0	0-10
Cobalt	126	132	4.7	0-10
Copper	66.3	78.5	18.4 (a)	0-10
Iron	335000	351000	4.7	0-10
Lead	31.7	42.8	35.0 (a)	0-10
Lithium				
Magnesium	70000	76100	8.7	0-10
Manganese	4270	4270	0.0	0-10
Molybdenum				
Nickel	250	264	5.4	0-10
Palladium				
Potassium	5420	5590	3.2	0-10
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium	2640	2890	9.4	0-10
Strontium				
Sulfur				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	696	688	1.1	0-10
Zinc	713	816	14.4*(b)	0-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97882 Methods: SW846 6010C
Matrix Type: SOLID Units: ug/l

Prep Date: 12/29/16

	JC34158-7		QC
Metal	Original SDL 1:5	%DIF	Limits
Zirconium			

Associated samples MP97882: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97889 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/29/16

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.0015	.0053	0.0073	<0.033

Associated samples MP97889: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97889 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/29/16

Metal	JC34228-2 Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.029	0.40	0.365	101.7	80-120

Associated samples MP97889: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97889 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/29/16

Metal	JC34228-2 Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.029	0.41	0.37	103.0	2.5	20

Associated samples MP97889: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97889
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date:			12/29/16				12/29/16	
Metal	BSP Result	Spikelot HGPWS1	% Rec	QC Limits	LCS Result	Spikelot HGLCS54085	% Rec	QC Limits
Mercury	0.36	0.333	108.1	80-120	8.4	8.37	100.4	73-128

Associated samples MP97889: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC34158
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97889
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 12/29/16

Metal	LCS Result	Spikelot HGLCS54085% Rec		QC Limits
Mercury	10.7	8.37	127.8	73-128

Associated samples MP97889: JC34158-1, JC34158-2, JC34158-3, JC34158-4, JC34158-5, JC34158-6, JC34158-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

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Automated Report

Technical Report for

Tetra Tech EC Inc.

Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

PO #1132741

SGS Accutest Job Number: JC34162

Sampling Date: 12/21/16

Report to:

Tetra Tech EC Inc.
One Oxford Valley Suite 200
Langhorne, PA 19047
Jonathan.Dziekan@TetraTech.com

ATTN: Jonathan Dziekan

Total number of pages in report: **113**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Daniel Axelrod 732-329-0200

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Sample Summary

Tetra Tech EC Inc.

Job No: JC34162

Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA
Project No: PO #1132741

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC34162-1	12/21/16	11:00	DM	12/21/16	SO	Soil	HOFF SB03_8-9
JC34162-2	12/21/16	11:45	DM	12/21/16	AQ	Ground Water	HOFF TW03

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC34162
Account: Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA
Collected: 12/21/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC34162-1	**HOFF SB03_8-9**					
Corrosivity as pH		7.17 NC			su	SW846 9045D
Ignitability (Flashpoint)		> 200			Deg. F	SW846 1010A/ASTM D93
JC34162-2	**HOFF TW03**					
Acetone [a]		7.0 J	10	5.0	ug/l	SW846 8260C
Benzene		1.1	0.50	0.14	ug/l	SW846 8260C
2-Butanone (MEK)		4.9 J	10	1.9	ug/l	SW846 8260C
Carbon disulfide		1.4 J	2.0	0.33	ug/l	SW846 8260C
Chlorobenzene		16.0	1.0	0.17	ug/l	SW846 8260C
Chloroethane		267	10	4.4	ug/l	SW846 8260C
Cyclohexane		0.95 J	5.0	0.73	ug/l	SW846 8260C
1,2-Dichlorobenzene		7.4	1.0	0.23	ug/l	SW846 8260C
1,3-Dichlorobenzene		0.23 J	1.0	0.19	ug/l	SW846 8260C
1,4-Dichlorobenzene		2.0	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethane		288	10	2.1	ug/l	SW846 8260C
1,2-Dichloroethane		0.45 J	1.0	0.39	ug/l	SW846 8260C
1,1-Dichloroethene		0.29 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		0.60 J	1.0	0.31	ug/l	SW846 8260C
Ethylbenzene		7.7	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		3.1	1.0	0.16	ug/l	SW846 8260C
Methylcyclohexane		4.6 J	5.0	0.78	ug/l	SW846 8260C
Tetrachloroethene		1.7	1.0	0.23	ug/l	SW846 8260C
Toluene		19.8	1.0	0.23	ug/l	SW846 8260C
1,1,1-Trichloroethane		10.6	1.0	0.22	ug/l	SW846 8260C
Trichloroethene		1.4	1.0	0.26	ug/l	SW846 8260C
Vinyl chloride		0.68 J	1.0	0.33	ug/l	SW846 8260C
m,p-Xylene		31.5	1.0	0.42	ug/l	SW846 8260C
o-Xylene		16.1	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		47.6	1.0	0.21	ug/l	SW846 8260C
1,4-Dioxane		0.251	0.10	0.049	ug/l	SW846 8270D BY SIM

(a) This compound in BS is outside in house QC limits bias high.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	HOFF SB03_8-9		
Lab Sample ID:	JC34162-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8260C SW846 1311	**Percent Solids:**	79.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2V37797.D	5	12/28/16	EH	12/22/16	GP2239	V2V1481
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.0025	0.00070	mg/l	
78-93-3	2-Butanone (MEK)	ND	D035	200	0.10	0.0095	mg/l	
56-23-5	Carbon tetrachloride	ND	D019	0.50	0.0050	0.0027	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.0050	0.00087	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.0050	0.0011	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.0050	0.0011	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.0050	0.0020	mg/l	
75-35-4	1,1-Dichloroethene	ND	D029	0.70	0.0050	0.0010	mg/l	
127-18-4	Tetrachloroethene	ND	D039	0.70	0.0050	0.0012	mg/l	
79-01-6	Trichloroethene	ND	D040	0.50	0.0050	0.0013	mg/l	
75-01-4	Vinyl chloride	ND	D043	0.20	0.0050	0.0016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		76-120%
17060-07-0	1,2-Dichloroethane-D4	91%		64-135%
2037-26-5	Toluene-D8	92%		76-117%
460-00-4	4-Bromofluorobenzene	99%		72-122%

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB03_8-9		
Lab Sample ID:	JC34162-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	79.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2M90333.D	1	12/31/16	SB	12/27/16	OP99481	E2M4009
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.020	0.0089	mg/l	
	3&4-Methylphenol	ND	D024	200	0.020	0.0088	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.10	0.014	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	D041	400	0.050	0.013	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	0.0092	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.020	0.0017	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.020	0.0055	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.020	0.0033	mg/l	
87-68-3	Hexachlorobutadiene	ND	D033	0.50	0.010	0.0049	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	0.0039	mg/l	
98-95-3	Nitrobenzene	ND	D036	2.0	0.020	0.0064	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.020	0.0039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		14-88%
4165-62-2	Phenol-d5	28%		10-110%
118-79-6	2,4,6-Tribromophenol	82%		39-149%
4165-60-0	Nitrobenzene-d5	61%		32-128%
321-60-8	2-Fluorobiphenyl	66%		35-119%
1718-51-0	Terphenyl-d14	90%		10-126%

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB03_8-9		
Lab Sample ID:	JC34162-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8151 SW846 8151/3510C	**Percent Solids:**	79.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G105125.D	1	12/28/16	VDT	12/27/16	OP99483	G3G3677
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	10.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
94-75-7	2,4-D	ND	D016	10	0.0050	0.0039	mg/l	
93-72-1	2,4,5-TP (Silvex)	ND	D017	1.0	0.0015	0.00047	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	89%		50-142%
19719-28-9	2,4-DCAA	86%		50-142%

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB03_8-9		
Lab Sample ID:	JC34162-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	79.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G42733.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	10.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	D013	0.40	0.00010	0.000028	mg/l	
12789-03-6	Chlordane	ND	D020	0.030	0.0050	0.0011	mg/l	
72-20-8	Endrin	ND	D012	0.020	0.00010	0.000050	mg/l	
76-44-8	Heptachlor	ND	D031	0.0080	0.00010	0.000038	mg/l	
1024-57-3	Heptachlor epoxide	ND	D031	0.0080	0.00010	0.000065	mg/l	
72-43-5	Methoxychlor	ND	D014	10	0.00020	0.000057	mg/l	
8001-35-2	Toxaphene	ND	D015	0.50	0.0025	0.0018	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	115%		30-137%
877-09-8	Tetrachloro-m-xylene	97%		30-137%
2051-24-3	Decachlorobiphenyl	129%		10-137%
2051-24-3	Decachlorobiphenyl	92%		10-137%

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF SB03_8-9		
Lab Sample ID:	JC34162-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
		Percent Solids:	79.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	12/23/16	12/24/16	GT	SW846 6010C [2]	SW846 3010A [4]
Barium	< 1.0	D005	100	1.0	mg/l	5	12/23/16	12/24/16	GT	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 0.025	D006	1.0	0.025	mg/l	5	12/23/16	12/24/16	GT	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	12/23/16	12/24/16	GT	SW846 6010C [2]	SW846 3010A [4]
Lead	< 0.50	D008	5.0	0.50	mg/l	5	12/23/16	12/24/16	GT	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	12/23/16	12/23/16	MS	SW846 7470A [1]	SW846 7470A [3]
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	12/23/16	12/24/16	GT	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.050	D011	5.0	0.050	mg/l	5	12/23/16	12/24/16	GT	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA41027
(2) Instrument QC Batch: MA41037
(3) Prep QC Batch: MP97814
(4) Prep QC Batch: MP97819

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID:	HOFF SB03_8-9		
Lab Sample ID:	JC34162-1	**Date Sampled:**	12/21/16
Matrix:	SO - Soil	**Date Received:**	12/21/16
		Percent Solids:	79.6
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.17 NC		su	1	01/04/17 15:56	PO	SW846 9045D
Cyanide Reactivity	< 13	13	mg/kg	1	01/03/17 11:15	BM	SW846 CHAP7/9012 B
Ignitability (Flashpoint)	> 200		Deg. F	1	01/05/17 12:30	JOO	SW846 1010A/ASTM D93
Solids, Percent	79.6		%	1	12/23/16 17:22	YR	SM2540 G-97
Sulfide Reactivity	< 130	130	mg/kg	1	12/31/16 11:27	MP	SW846 CHAP7/9034

RL = Reporting Limit

Report of Analysis

Client Sample ID:	HOFF TW03		
Lab Sample ID:	JC34162-2	**Date Sampled:**	12/21/16
Matrix:	AQ - Ground Water	**Date Received:**	12/21/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E129496.D	1	01/04/17	JP	n/a	n/a	V2E5668
Run #2	2E129497.D	10	01/04/17	JP	n/a	n/a	V2E5668

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	7.0	10	5.0	ug/l	J
71-43-2	Benzene	1.1	0.50	0.14	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	4.9	10	1.9	ug/l	J
75-15-0	Carbon disulfide	1.4	2.0	0.33	ug/l	J
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	16.0	1.0	0.17	ug/l	
75-00-3	Chloroethane	267 [b]	10	4.4	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
110-82-7	Cyclohexane	0.95	5.0	0.73	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	7.4	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	0.23	1.0	0.19	ug/l	J
106-46-7	1,4-Dichlorobenzene	2.0	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	288 [b]	10	2.1	ug/l	
107-06-2	1,2-Dichloroethane	0.45	1.0	0.39	ug/l	J
75-35-4	1,1-Dichloroethene	0.29	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	0.60	1.0	0.31	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	7.7	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.5	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF TW03		
Lab Sample ID:	JC34162-2	**Date Sampled:**	12/21/16
Matrix:	AQ - Ground Water	**Date Received:**	12/21/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	3.1	1.0	0.16	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	4.6	5.0	0.78	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	1.7	1.0	0.23	ug/l	
108-88-3	Toluene	19.8	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	10.6	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	1.4	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
75-01-4	Vinyl chloride	0.68	1.0	0.33	ug/l	J
	m,p-Xylene	31.5	1.0	0.42	ug/l	
95-47-6	o-Xylene	16.1	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	47.6	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	100%	76-120%
17060-07-0	1,2-Dichloroethane-D4	98%	94%	73-122%
2037-26-5	Toluene-D8	102%	100%	84-119%
460-00-4	4-Bromofluorobenzene	98%	98%	78-117%

(a) This compound in BS is outside in house QC limits bias high.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOFF TW03		
Lab Sample ID:	JC34162-2	**Date Sampled:**	12/21/16
Matrix:	AQ - Ground Water	**Date Received:**	12/21/16
Method:	SW846 8270D BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4M69414.D	1	12/31/16	SG	12/28/16	OP99513A	E4M3182
Run #2 [a]	3M67794.D	1	01/04/17	JJ	01/03/17	OP99633A	E3M3158

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	900 ml	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.251	0.10	0.049	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	25%	89%	24-125%
321-60-8	2-Fluorobiphenyl	6% [b]	48%	19-127%
1718-51-0	Terphenyl-d14	5% [b]	35%	10-119%

(a) Confirmation run.
(b) Outside in house control limits biased low. The results confirmed by re-extraction outside the holding time.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Cyanide Reactivity		**SW846 CHAP7/9012 B**	SO	Accutest is not certified for this parameter.[a]
Sulfide Reactivity		**SW846 CHAP7/9034**	SO	Accutest is not certified for this parameter.[a]

(a) Reactivity analyzed following SW846 Chapter 7 is no longer recognized by regulatory agencies. Use of results should be verified through the program to which the data is being submitted.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

SGS ACCUTEST

SO
GW

CHAIN OF CUSTODY

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking # | Bottle Order Control #
SGS Accutest Quote # | SGS Accutest Job # JC34162

Client / Reporting Information

Company Name: TetraTech
Street Address: One Oxford Valley Suite 200
City: Langhorne State: PA Zip: 19047
Project Contact: Jon Dziekan E-mail:
Phone # Fax #
Sampler(s) Name(s): DawnMcCullough Phone #: 386.690.2630

Project Information

Project Name: Hoff VC PADEP
Street: 336 Layfield Rd
City: Perkiomenville State: PA
Project #
Client Purchase Order #
Project Manager: Colin Wade

Billing Information (if different from Report to)

Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet)

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NI Water	MEOH	ENCORE	TCL PCB Full List & CAS	VOCs	SVOCs	LAB USE ONLY
1	Hoff SB03_8-9		122116	1100	DM	SO	2									X			E47
2	Hoff TW03		122116	1145	DM	GW	5										X	X	U894
																			D60
																			4D1

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Turnaround Time (Business days)

Approved by (SGS Accutest PM): / Date:

- M Std. 10 Business Days
- M 5 Day RUSH
- M 3 Day RUSH
- M 2 Day RUSH
- M 1 Day RUSH
- M other

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- M Commercial "a" (Level 1)
- M Commercial "b" *Level 2)
- M FULLT1 (Level 3+4)
- M NJ Reduced
- M Commercial "C"
- M NJ Data of Known Quality Protocol Reporting

Commercial "A" = Results Only, Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

- M NYASP Category A
- M NYASP Category B
- M State Forms
- M EDD Format
- M Other

Comments / Special Instructions

INITIAL ASESSMENT ZAS
LABEL VERIFICATION JV
Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date Time: 122116 1606	Received By: 1 Matthew Freda	Relinquished By: 2 Matthew Freda	Date Time: 12/21/16 1930	Received By: 2		
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4		
Relinquished by Sampler: 5	Date Time:	Received By: 5	Custody Seal #	M Intact / M Not intact	Preserved where applicable M	On Ice M	Cooler Temp 1.9 C01 P

JC34162: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC34162 **Client:** _____ **Project:** _____

Date / Time Received: 12/21/2016 6:30:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (1.9);

Cooler Temps (Corrected) °C: Cooler 1: (3.3);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control _Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

SM089-02
Rev. Date 12/1/16

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2V1481-MB	2V37781.D	1	12/28/16	EH	n/a	n/a	V2V1481

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	76-120%
17060-07-0	1,2-Dichloroethane-D4	91%	64-135%
2037-26-5	Toluene-D8	93%	76-117%
460-00-4	4-Bromofluorobenzene	102%	72-122%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2E5668-MB	2E129485.D	1	01/04/17	JP	n/a	n/a	V2E5668

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-2

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.73	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.5	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.78	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2E5668-MB	2E129485.D	1	01/04/17	JP	n/a	n/a	V2E5668

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-2

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	76-120%
17060-07-0	1,2-Dichloroethane-D4	100%	73-122%
2037-26-5	Toluene-D8	100%	84-119%
460-00-4	4-Bromofluorobenzene	100%	78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	3.58	100	ug/l	J
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2V1479-MB	2V37728.D	1	12/27/16	EH	n/a	n/a	V2V1479

The QC reported here applies to the following samples: **Method:** SW846 8260C

GP2239-LB9, GP2239-LS8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	76-120%
17060-07-0	1,2-Dichloroethane-D4	93%	64-135%
2037-26-5	Toluene-D8	92%	76-117%
460-00-4	4-Bromofluorobenzene	102%	72-122%

Leachate Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP2239-LB9	2V37741.D	5	12/27/16	EH	12/22/16	GP2239	V2V1479

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.5	0.70	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	9.5	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	2.7	ug/l	
108-90-7	Chlorobenzene	ND	5.0	0.87	ug/l	
67-66-3	Chloroform	ND	5.0	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.1	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.6	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	76-120%
17060-07-0	1,2-Dichloroethane-D4	97%	64-135%
2037-26-5	Toluene-D8	92%	76-117%
460-00-4	4-Bromofluorobenzene	103%	72-122%

Blank Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2V1481-BS	2V37782.D	1	12/28/16	EH	n/a	n/a	V2V1481

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	53.7	107	75-122
78-93-3	2-Butanone (MEK)	50	47.0	94	64-130
56-23-5	Carbon tetrachloride	50	49.5	99	75-148
108-90-7	Chlorobenzene	50	51.6	103	76-124
67-66-3	Chloroform	50	52.9	106	77-124
106-46-7	1,4-Dichlorobenzene	50	51.6	103	71-123
107-06-2	1,2-Dichloroethane	50	51.4	103	66-150
75-35-4	1,1-Dichloroethene	50	49.7	99	61-132
127-18-4	Tetrachloroethene	50	51.5	103	70-136
79-01-6	Trichloroethene	50	51.8	104	79-126
75-01-4	Vinyl chloride	50	42.8	86	56-146

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	76-120%
17060-07-0	1,2-Dichloroethane-D4	95%	64-135%
2037-26-5	Toluene-D8	94%	76-117%
460-00-4	4-Bromofluorobenzene	96%	72-122%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2E5668-BS	2E129486.D	1	01/04/17	JP	n/a	n/a	V2E5668

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	83.2	166* [a]	49-137
71-43-2	Benzene	50	45.4	91	80-118
74-97-5	Bromochloromethane	50	46.2	92	84-120
75-27-4	Bromodichloromethane	50	46.5	93	83-119
75-25-2	Bromoform	50	46.0	92	77-126
74-83-9	Bromomethane	50	47.4	95	57-133
78-93-3	2-Butanone (MEK)	50	63.3	127	71-127
75-15-0	Carbon disulfide	50	46.2	92	61-144
56-23-5	Carbon tetrachloride	50	45.7	91	77-134
108-90-7	Chlorobenzene	50	45.5	91	85-116
75-00-3	Chloroethane	50	45.7	91	62-133
67-66-3	Chloroform	50	46.1	92	84-125
74-87-3	Chloromethane	50	41.3	83	51-134
110-82-7	Cyclohexane	50	56.3	113	60-134
96-12-8	1,2-Dibromo-3-chloropropane	50	44.5	89	71-124
124-48-1	Dibromochloromethane	50	47.1	94	82-121
106-93-4	1,2-Dibromoethane	50	46.5	93	79-120
95-50-1	1,2-Dichlorobenzene	50	48.0	96	84-117
541-73-1	1,3-Dichlorobenzene	50	46.9	94	83-114
106-46-7	1,4-Dichlorobenzene	50	46.0	92	83-115
75-71-8	Dichlorodifluoromethane	50	46.9	94	43-135
75-34-3	1,1-Dichloroethane	50	45.6	91	79-124
107-06-2	1,2-Dichloroethane	50	47.7	95	81-127
75-35-4	1,1-Dichloroethene	50	45.8	92	69-136
156-59-2	cis-1,2-Dichloroethene	50	46.3	93	79-118
156-60-5	trans-1,2-Dichloroethene	50	47.1	94	73-125
78-87-5	1,2-Dichloropropane	50	46.8	94	81-118
10061-01-5	cis-1,3-Dichloropropene	50	46.9	94	86-119
10061-02-6	trans-1,3-Dichloropropene	50	47.5	95	84-121
100-41-4	Ethylbenzene	50	46.1	92	84-115
76-13-1	Freon 113	50	68.6	137	67-159
591-78-6	2-Hexanone	50	62.7	125	71-125
98-82-8	Isopropylbenzene	50	48.2	96	80-121
79-20-9	Methyl Acetate	50	46.2	92	69-126
108-87-2	Methylcyclohexane	50	51.9	104	61-138
1634-04-4	Methyl Tert Butyl Ether	100	94.5	95	80-121

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2E5668-BS	2E129486.D	1	01/04/17	JP	n/a	n/a	V2E5668

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	50	48.6	97	77-123
75-09-2	Methylene chloride	50	46.4	93	75-122
100-42-5	Styrene	50	47.2	94	86-118
79-34-5	1,1,2,2-Tetrachloroethane	50	46.3	93	74-119
127-18-4	Tetrachloroethene	50	47.0	94	70-134
108-88-3	Toluene	50	46.2	92	84-117
87-61-6	1,2,3-Trichlorobenzene	50	49.7	99	73-130
120-82-1	1,2,4-Trichlorobenzene	50	50.1	100	79-129
71-55-6	1,1,1-Trichloroethane	50	47.8	96	83-134
79-00-5	1,1,2-Trichloroethane	50	47.7	95	84-119
79-01-6	Trichloroethene	50	47.0	94	84-120
75-69-4	Trichlorofluoromethane	50	47.3	95	63-133
75-01-4	Vinyl chloride	50	44.7	89	55-121
	m,p-Xylene	100	92.7	93	85-117
95-47-6	o-Xylene	50	46.5	93	85-119
1330-20-7	Xylene (total)	150	139	93	85-117

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	76-120%
17060-07-0	1,2-Dichloroethane-D4	105%	73-122%
2037-26-5	Toluene-D8	101%	84-119%
460-00-4	4-Bromofluorobenzene	101%	78-117%

(a) High percent recoveries and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC34323-1MS	2E129501B.D	1	01/05/17	JP	n/a	n/a	V2E5668
JC34323-1	2E129491.D	1	01/04/17	JP	n/a	n/a	V2E5668

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-2

CAS No.	Compound	JC34323-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		50	46.1	92	39-143
71-43-2	Benzene	ND		50	55.1	110	54-138
74-97-5	Bromochloromethane	ND		50	52.9	106	79-123
75-27-4	Bromodichloromethane	ND		50	54.4	109	78-123
75-25-2	Bromoform	ND		50	53.4	107	71-128
74-83-9	Bromomethane	ND		50	55.2	110	52-140
78-93-3	2-Butanone (MEK)	ND		50	50.0	100	57-141
75-15-0	Carbon disulfide	ND		50	54.6	109	51-156
56-23-5	Carbon tetrachloride	ND		50	58.6	117	65-148
108-90-7	Chlorobenzene	ND		50	54.5	109	76-125
75-00-3	Chloroethane	ND		50	52.6	105	55-142
67-66-3	Chloroform	ND		50	54.4	109	77-131
74-87-3	Chloromethane	ND		50	48.5	97	43-144
110-82-7	Cyclohexane	ND		50	65.5	131	41-160
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	51.0	102	66-128
124-48-1	Dibromochloromethane	ND		50	53.8	108	77-124
106-93-4	1,2-Dibromoethane	ND		50	53.7	107	77-119
95-50-1	1,2-Dichlorobenzene	ND		50	56.3	113	78-122
541-73-1	1,3-Dichlorobenzene	ND		50	55.4	111	77-120
106-46-7	1,4-Dichlorobenzene	ND		50	54.0	108	75-122
75-71-8	Dichlorodifluoromethane	ND		50	57.5	115	31-155
75-34-3	1,1-Dichloroethane	ND		50	54.7	109	71-131
107-06-2	1,2-Dichloroethane	ND		50	55.5	111	72-135
75-35-4	1,1-Dichloroethene	ND		50	56.1	112	57-149
156-59-2	cis-1,2-Dichloroethene	ND		50	54.7	109	59-134
156-60-5	trans-1,2-Dichloroethene	ND		50	56.4	113	64-134
78-87-5	1,2-Dichloropropane	ND		50	55.3	111	76-122
10061-01-5	cis-1,3-Dichloropropene	ND		50	54.1	108	80-124
10061-02-6	trans-1,3-Dichloropropene	ND		50	54.5	109	78-124
100-41-4	Ethylbenzene	ND		50	56.2	112	48-143
76-13-1	Freon 113	ND		50	68.0	136	56-179
591-78-6	2-Hexanone	ND		50	55.3	111	63-135
98-82-8	Isopropylbenzene	0.33	J	50	58.6	117	70-131
79-20-9	Methyl Acetate	ND		50	45.4	91	60-127
108-87-2	Methylcyclohexane	ND		50	55.8	112	43-163
1634-04-4	Methyl Tert Butyl Ether	ND		100	99.4	99	70-127

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC34323-1MS	2E129501B.D	1	01/05/17	JP	n/a	n/a	V2E5668
JC34323-1	2E129491.D	1	01/04/17	JP	n/a	n/a	V2E5668

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-2

CAS No.	Compound	JC34323-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	55.1	110	71-131
75-09-2	Methylene chloride	ND		50	54.2	108	69-127
100-42-5	Styrene	ND		50	56.7	113	76-128
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	52.1	104	70-122
127-18-4	Tetrachloroethene	1.7		50	59.4	115	55-144
108-88-3	Toluene	ND		50	56.2	112	61-136
87-61-6	1,2,3-Trichlorobenzene	ND		50	57.1	114	68-135
120-82-1	1,2,4-Trichlorobenzene	ND		50	58.3	117	73-136
71-55-6	1,1,1-Trichloroethane	ND		50	58.6	117	70-147
79-00-5	1,1,2-Trichloroethane	ND		50	55.1	110	78-122
79-01-6	Trichloroethene	ND		50	59.0	118	62-141
75-69-4	Trichlorofluoromethane	ND		50	55.3	111	50-152
75-01-4	Vinyl chloride	ND		50	53.5	107	44-136
	m,p-Xylene	ND		100	112	112	50-144
95-47-6	o-Xylene	ND		50	56.6	113	62-137
1330-20-7	Xylene (total)	ND		150	169	113	56-141

CAS No.	Surrogate Recoveries	MS	JC34323-1	Limits
1868-53-7	Dibromofluoromethane	101%	99%	76-120%
17060-07-0	1,2-Dichloroethane-D4	101%	98%	73-122%
2037-26-5	Toluene-D8	100%	100%	84-119%
460-00-4	4-Bromofluorobenzene	99%	97%	78-117%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC34143-1AMS	2V37793.D	5	12/28/16	EH	n/a	n/a	V2V1481
JC34143-1AMSD	2V37794.D	5	12/28/16	EH	n/a	n/a	V2V1481
JC34143-1A	2V37787.D	5	12/28/16	EH	12/22/16	GP2239	V2V1481

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-1

CAS No.	Compound	JC34143-1A ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		250	261	104	250	264	106	1	38-139/13
78-93-3	2-Butanone (MEK)	ND		250	306	122	250	299	120	2	58-140/14
56-23-5	Carbon tetrachloride	ND		250	233	93	250	235	94	1	50-161/18
108-90-7	Chlorobenzene	ND		250	254	102	250	261	104	3	65-128/12
67-66-3	Chloroform	ND		250	249	100	250	252	101	1	66-132/14
106-46-7	1,4-Dichlorobenzene	ND		250	250	100	250	254	102	2	63-126/13
107-06-2	1,2-Dichloroethane	ND		250	239	96	250	241	96	1	59-153/15
75-35-4	1,1-Dichloroethene	ND		250	229	92	250	235	94	3	41-144/17
127-18-4	Tetrachloroethene	ND		250	399	160* [a]	250	430	172* [a]	7	48-145/15
79-01-6	Trichloroethene	ND		250	255	102	250	265	106	4	53-141/15
75-01-4	Vinyl chloride	ND		250	153	61	250	163	65	6	34-151/20

CAS No.	Surrogate Recoveries	MS	MSD	JC34143-1A	Limits
1868-53-7	Dibromofluoromethane	93%	94%	97%	76-120%
17060-07-0	1,2-Dichloroethane-D4	87%	87%	94%	64-135%
2037-26-5	Toluene-D8	94%	94%	93%	76-117%
460-00-4	4-Bromofluorobenzene	96%	93%	100%	72-122%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Leachate Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP2239-LS8	2V37743A.D	5	12/27/16	EH	12/22/16	GP2239	V2V1479
JC34025-1	2V37742.D	5	12/27/16	EH	12/22/16	GP2239	V2V1479

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-1

CAS No.	Compound	JC34025-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
71-43-2	Benzene	2.8		250	243	96	38-139
78-93-3	2-Butanone (MEK)	ND		250	210	84	58-140
56-23-5	Carbon tetrachloride	ND		250	229	92	50-161
108-90-7	Chlorobenzene	ND		250	238	95	65-128
67-66-3	Chloroform	ND		250	243	97	66-132
106-46-7	1,4-Dichlorobenzene	ND		250	237	95	63-126
107-06-2	1,2-Dichloroethane	ND		250	239	96	59-153
75-35-4	1,1-Dichloroethene	ND		250	228	91	41-144
127-18-4	Tetrachloroethene	ND		250	236	94	48-145
79-01-6	Trichloroethene	ND		250	233	93	53-141
75-01-4	Vinyl chloride	ND		250	164	66	34-151

CAS No.	Surrogate Recoveries	LS	JC34025-1	Limits
1868-53-7	Dibromofluoromethane	96%	97%	76-120%
17060-07-0	1,2-Dichloroethane-D4	96%	97%	64-135%
2037-26-5	Toluene-D8	93%	93%	76-117%
460-00-4	4-Bromofluorobenzene	95%	100%	72-122%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC34323-2DUP	2E129501A.D	1	01/05/17	JP	n/a	n/a	V2E5668
JC34323-2	2E129489.D	1	01/04/17	JP	n/a	n/a	V2E5668

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-2

CAS No.	Compound	JC34323-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	20
71-43-2	Benzene	ND		ND		nc	20
74-97-5	Bromochloromethane	ND		ND		nc	20
75-27-4	Bromodichloromethane	ND		ND		nc	20
75-25-2	Bromoform	ND		ND		nc	20
74-83-9	Bromomethane	ND		ND		nc	20
78-93-3	2-Butanone (MEK)	ND		ND		nc	20
75-15-0	Carbon disulfide	ND		ND		nc	20
56-23-5	Carbon tetrachloride	ND		ND		nc	20
108-90-7	Chlorobenzene	ND		ND		nc	20
75-00-3	Chloroethane	ND		ND		nc	20
67-66-3	Chloroform	0.26	J	0.26	J	0	20
74-87-3	Chloromethane	ND		ND		nc	20
110-82-7	Cyclohexane	ND		ND		nc	20
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	20
124-48-1	Dibromochloromethane	ND		ND		nc	20
106-93-4	1,2-Dibromoethane	ND		ND		nc	20
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	20
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	20
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	20
75-71-8	Dichlorodifluoromethane	ND		ND		nc	20
75-34-3	1,1-Dichloroethane	ND		ND		nc	20
107-06-2	1,2-Dichloroethane	ND		ND		nc	20
75-35-4	1,1-Dichloroethene	ND		ND		nc	20
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	20
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	20
78-87-5	1,2-Dichloropropane	ND		ND		nc	20
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	20
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	20
100-41-4	Ethylbenzene	ND		ND		nc	20
76-13-1	Freon 113	ND		ND		nc	20
591-78-6	2-Hexanone	ND		ND		nc	20
98-82-8	Isopropylbenzene	ND		ND		nc	20
79-20-9	Methyl Acetate	ND		ND		nc	20
108-87-2	Methylcyclohexane	ND		ND		nc	20
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	20

* = Outside of Control Limits.

Duplicate Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC34323-2DUP	2E129501A.D	1	01/05/17	JP	n/a	n/a	V2E5668
JC34323-2	2E129489.D	1	01/04/17	JP	n/a	n/a	V2E5668

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC34162-2

CAS No.	Compound	JC34323-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	20
75-09-2	Methylene chloride	ND		ND		nc	20
100-42-5	Styrene	ND		ND		nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	20
127-18-4	Tetrachloroethene	0.36	J	0.44	J	20	20
108-88-3	Toluene	ND		ND		nc	20
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	20
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	20
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	20
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	20
79-01-6	Trichloroethene	ND		ND		nc	20
75-69-4	Trichlorofluoromethane	ND		ND		nc	20
75-01-4	Vinyl chloride	ND		ND		nc	20
	m,p-Xylene	ND		ND		nc	20
95-47-6	o-Xylene	ND		ND		nc	20
1330-20-7	Xylene (total)	ND		ND		nc	20

CAS No.	Surrogate Recoveries	DUP	JC34323-2	Limits
1868-53-7	Dibromofluoromethane	100%	98%	76-120%
17060-07-0	1,2-Dichloroethane-D4	100%	98%	73-122%
2037-26-5	Toluene-D8	100%	99%	84-119%
460-00-4	4-Bromofluorobenzene	102%	99%	78-117%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: V2E5667-BFB
Lab File ID: 2E129464.D
Instrument ID: GCMS2E
Injection Date: 01/03/17
Injection Time: 15:25

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	13045	18.2		Pass
75	30.0 - 60.0% of mass 95	32016	44.6		Pass
95	Base peak, 100% relative abundance	71858	100.0		Pass
96	5.0 - 9.0% of mass 95	4618	6.43		Pass
173	Less than 2.0% of mass 174	569	0.79	(0.91) [a]	Pass
174	50.0 - 120.0% of mass 95	62189	86.5		Pass
175	5.0 - 9.0% of mass 174	4593	6.39	(7.39) [a]	Pass
176	95.0 - 101.0% of mass 174	61781	86.0	(99.3) [a]	Pass
177	5.0 - 9.0% of mass 176	3940	5.48	(6.38) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2E5667-IC5667	2E129465.D	01/03/17	16:04	00:39	Initial cal 0.2
V2E5667-IC5667	2E129466.D	01/03/17	16:31	01:06	Initial cal 0.5
V2E5667-IC5667	2E129467.D	01/03/17	16:59	01:34	Initial cal 1
V2E5667-IC5667	2E129468.D	01/03/17	17:26	02:01	Initial cal 2
V2E5667-IC5667	2E129469.D	01/03/17	17:54	02:29	Initial cal 5
V2E5667-IC5667	2E129470.D	01/03/17	18:21	02:56	Initial cal 10
V2E5667-IC5667	2E129471.D	01/03/17	18:49	03:24	Initial cal 20
V2E5667-ICC5667	2E129472.D	01/03/17	19:16	03:51	Initial cal 50
V2E5667-IC5667	2E129473.D	01/03/17	19:43	04:18	Initial cal 100
V2E5667-IC5667	2E129474.D	01/03/17	20:11	04:46	Initial cal 200
V2E5667-ICV5667	2E129477.D	01/03/17	21:33	06:08	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: V2E5668-BFB
Lab File ID: 2E129480.D
Instrument ID: GCMS2E
Injection Date: 01/04/17
Injection Time: 13:20

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	14597	18.9		Pass
75	30.0 - 60.0% of mass 95	36000	46.6		Pass
95	Base peak, 100% relative abundance	77216	100.0		Pass
96	5.0 - 9.0% of mass 95	5230	6.77		Pass
173	Less than 2.0% of mass 174	852	1.10	(1.34) [a]	Pass
174	50.0 - 120.0% of mass 95	63568	82.3		Pass
175	5.0 - 9.0% of mass 174	4987	6.46	(7.85) [a]	Pass
176	95.0 - 101.0% of mass 174	61925	80.2	(97.4) [a]	Pass
177	5.0 - 9.0% of mass 176	4346	5.63	(7.02) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2E5668-CC5667	2E129480.D	01/04/17	13:20	00:00	Continuing cal 20
V2E5668-MB	2E129485.D	01/04/17	15:47	02:27	Method Blank
V2E5668-BS	2E129486.D	01/04/17	16:14	02:54	Blank Spike
JC34323-2	2E129489.D	01/04/17	17:37	04:17	(used for QC only; not part of job JC34162)
ZZZZZZ	2E129490.D	01/04/17	18:05	04:45	(unrelated sample)
JC34323-1	2E129491.D	01/04/17	18:32	05:12	(used for QC only; not part of job JC34162)
ZZZZZZ	2E129492.D	01/04/17	19:00	05:40	(unrelated sample)
ZZZZZZ	2E129493.D	01/04/17	19:28	06:08	(unrelated sample)
ZZZZZZ	2E129494.D	01/04/17	19:55	06:35	(unrelated sample)
ZZZZZZ	2E129495.D	01/04/17	20:22	07:02	(unrelated sample)
JC34162-2	2E129496.D	01/04/17	20:50	07:30	HOFF TW03
JC34162-2	2E129497.D	01/04/17	21:18	07:58	HOFF TW03
ZZZZZZ	2E129498.D	01/04/17	21:45	08:25	(unrelated sample)
ZZZZZZ	2E129499.D	01/04/17	22:13	08:53	(unrelated sample)
ZZZZZZ	2E129500.D	01/04/17	22:40	09:20	(unrelated sample)
ZZZZZZ	2E129500A.D	01/04/17	23:08	09:48	(unrelated sample)
ZZZZZZ	2E129500B.D	01/04/17	23:35	10:15	(unrelated sample)
ZZZZZZ	2E129501.D	01/05/17	00:02	10:42	(unrelated sample)
JC34323-2DUP	2E129501A.D	01/05/17	00:30	11:10	Duplicate
JC34323-1MS	2E129501B.D	01/05/17	01:01	11:41	Matrix Spike

Instrument Performance Check (BFB)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: V2V1423-BFB
Lab File ID: 2V36373.D
Instrument ID: GCMS2V
Injection Date: 11/04/16
Injection Time: 14:55

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	19421	18.6		Pass
75	30.0 - 60.0% of mass 95	47728	45.8		Pass
95	Base peak, 100% relative abundance	104320	100.0		Pass
96	5.0 - 9.0% of mass 95	7229	6.93		Pass
173	Less than 2.0% of mass 174	586	0.56	(0.71) [a]	Pass
174	50.0 - 120.0% of mass 95	82235	78.8		Pass
175	5.0 - 9.0% of mass 174	6035	5.79	(7.34) [a]	Pass
176	95.0 - 101.0% of mass 174	80112	76.8	(97.4) [a]	Pass
177	5.0 - 9.0% of mass 176	5157	4.94	(6.44) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2V1423-IC1423	2V36374.D	11/04/16	15:44	00:49	Initial cal 0.2
V2V1423-IC1423	2V36375.D	11/04/16	16:11	01:16	Initial cal 0.5
V2V1423-IC1423	2V36376.D	11/04/16	16:38	01:43	Initial cal 1
V2V1423-IC1423	2V36377.D	11/04/16	17:05	02:10	Initial cal 2
V2V1423-IC1423	2V36378.D	11/04/16	17:32	02:37	Initial cal 5
V2V1423-IC1423	2V36379.D	11/04/16	18:00	03:05	Initial cal 10
V2V1423-IC1423	2V36380.D	11/04/16	18:27	03:32	Initial cal 20
V2V1423-ICC1423	2V36381.D	11/04/16	18:54	03:59	Initial cal 50
V2V1423-IC1423	2V36382.D	11/04/16	19:21	04:26	Initial cal 100
V2V1423-IC1423	2V36383.D	11/04/16	19:48	04:53	Initial cal 200
V2V1423-ICV1423	2V36386.D	11/04/16	21:09	06:14	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: V2V1479-BFB
Lab File ID: 2V37722.D
Instrument ID: GCMS2V
Injection Date: 12/27/16
Injection Time: 08:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	20776	17.1		Pass
75	30.0 - 60.0% of mass 95	54952	45.1		Pass
95	Base peak, 100% relative abundance	121795	100.0		Pass
96	5.0 - 9.0% of mass 95	8610	7.07		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	106512	87.5		Pass
175	5.0 - 9.0% of mass 174	8437	6.93	(7.92) [a]	Pass
176	95.0 - 101.0% of mass 174	103512	85.0	(97.2) [a]	Pass
177	5.0 - 9.0% of mass 176	7045	5.78	(6.81) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2V1479-CC1423	2V37723.D	12/27/16	09:17	00:38	Continuing cal 20
V2V1477-MB2	2V37725.D	12/27/16	10:19	01:40	Method Blank
JC33796-5MS	2V37726.D	12/27/16	10:58	02:19	Matrix Spike
V2V1479-MB	2V37728.D	12/27/16	12:15	03:36	Method Blank
V2V1479-BS	2V37729.D	12/27/16	12:42	04:03	Blank Spike
ZZZZZZ	2V37731.D	12/27/16	14:00	05:21	(unrelated sample)
ZZZZZZ	2V37732.D	12/27/16	14:26	05:47	(unrelated sample)
ZZZZZZ	2V37738.D	12/27/16	17:42	09:03	(unrelated sample)
ZZZZZZ	2V37739.D	12/27/16	18:08	09:29	(unrelated sample)
ZZZZZZ	2V37740.D	12/27/16	18:35	09:56	(unrelated sample)
GP2239-LB9	2V37741.D	12/27/16	19:02	10:23	Leachate Blank
JC34025-1	2V37742.D	12/27/16	19:29	10:50	(used for QC only; not part of job JC34162)
JC34025-1MS	2V37743.D	12/27/16	19:55	11:16	Matrix Spike
GP2239-LS8	2V37743A.D	12/27/16	19:55	11:16	Leachate Spike
JC34025-1MSD	2V37744.D	12/27/16	20:22	11:43	Matrix Spike Duplicate

Instrument Performance Check (BFB)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: V2V1481-BFB
Lab File ID: 2V37778.D
Instrument ID: GCMS2V
Injection Date: 12/28/16
Injection Time: 11:59

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	16582	17.8		Pass
75	30.0 - 60.0% of mass 95	42984	46.1		Pass
95	Base peak, 100% relative abundance	93253	100.0		Pass
96	5.0 - 9.0% of mass 95	6307	6.76		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	83445	89.5		Pass
175	5.0 - 9.0% of mass 174	6750	7.24	(8.09) [a]	Pass
176	95.0 - 101.0% of mass 174	81043	86.9	(97.1) [a]	Pass
177	5.0 - 9.0% of mass 176	5555	5.96	(6.85) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2V1481-CC1423	2V37779.D	12/28/16	12:34	00:35	Continuing cal 20
V2V1481-MB	2V37781.D	12/28/16	13:33	01:34	Method Blank
V2V1481-BS	2V37782.D	12/28/16	13:59	02:00	Blank Spike
ZZZZZZ	2V37784.D	12/28/16	15:00	03:01	(unrelated sample)
ZZZZZZ	2V37785.D	12/28/16	15:27	03:28	(unrelated sample)
JC34143-1A	2V37787.D	12/28/16	16:29	04:30	(used for QC only; not part of job JC34162)
ZZZZZZ	2V37788.D	12/28/16	16:56	04:57	(unrelated sample)
ZZZZZZ	2V37789.D	12/28/16	17:23	05:24	(unrelated sample)
ZZZZZZ	2V37790.D	12/28/16	17:49	05:50	(unrelated sample)
ZZZZZZ	2V37791.D	12/28/16	18:16	06:17	(unrelated sample)
GP1944-LS12	2V37792.D	12/28/16	18:43	06:44	Leachate Spike
JC34143-1AMS	2V37793.D	12/28/16	19:10	07:11	Matrix Spike
JC34143-1AMSD	2V37794.D	12/28/16	19:36	07:37	Matrix Spike Duplicate
ZZZZZZ	2V37796.D	12/28/16	20:30	08:31	(unrelated sample)
JC34162-1	2V37797.D	12/28/16	20:57	08:58	HOFF SB03_8-9
ZZZZZZ	2V37798.D	12/28/16	21:24	09:25	(unrelated sample)
ZZZZZZ	2V37799.D	12/28/16	21:50	09:51	(unrelated sample)
ZZZZZZ	2V37800.D	12/28/16	22:17	10:18	(unrelated sample)
ZZZZZZ	2V37801.D	12/28/16	22:44	10:45	(unrelated sample)
ZZZZZZ	2V37802.D	12/28/16	23:11	11:12	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Method: SW846 8260C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC34162-1	2V37797.D	95	91	92	99
JC34162-2	2E129497.D	100	94	100	98
JC34162-2	2E129496.D	99	98	102	98
GP2239-LB9	2V37741.D	98	97	92	103
GP2239-LS8	2V37743A.D	96	96	93	95
JC34143-1AMS	2V37793.D	93	87	94	96
JC34143-1AMSD	2V37794.D	94	87	94	93
JC34323-1MS	2E129501B.D	101	101	100	99
JC34323-2DUP	2E129501A.D	100	100	100	102
V2E5668-BS	2E129486.D	100	105	101	101
V2E5668-MB	2E129485.D	98	100	100	100
V2V1481-BS	2V37782.D	97	95	94	96
V2V1481-MB	2V37781.D	96	91	93	102
V2V1479-MB	2V37728.D	94	93	92	102

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	76-120%
S2 = 1,2-Dichloroethane-D4	64-135%
S3 = Toluene-D8	76-117%
S4 = 4-Bromofluorobenzene	72-122%

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99481-MB1	2M90207.D	1	12/28/16	CS	12/27/16	OP99481	E2M4004

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.92	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.55	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.39	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
110-86-1	Pyridine	ND	2.0	0.39	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	50%	14-88%
4165-62-2	Phenol-d5	31%	10-110%
118-79-6	2,4,6-Tribromophenol	76%	39-149%
4165-60-0	Nitrobenzene-d5	68%	32-128%
321-60-8	2-Fluorobiphenyl	70%	35-119%
1718-51-0	Terphenyl-d14	97%	10-126%

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99481-MB2	2M90229.D	1	12/28/16	KLS	12/27/16	OP99481	E2M4005

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.92	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.55	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.39	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
110-86-1	Pyridine	ND	2.0	0.39	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	34%	14-88%
4165-62-2	Phenol-d5	23%	10-110%
118-79-6	2,4,6-Tribromophenol	62%	39-149%
4165-60-0	Nitrobenzene-d5	47%	32-128%
321-60-8	2-Fluorobiphenyl	50%	35-119%
1718-51-0	Terphenyl-d14	86%	10-126%

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99481-MB1	6P33475.D	1	12/28/16	RL	12/27/16	OP99481	E6P1542

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.92	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.55	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.39	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
110-86-1	Pyridine	ND	2.0	0.39	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	51%	14-88%
4165-62-2	Phenol-d5	33%	10-110%
118-79-6	2,4,6-Tribromophenol	83%	39-149%
4165-60-0	Nitrobenzene-d5	76%	32-128%
321-60-8	2-Fluorobiphenyl	73%	35-119%
1718-51-0	Terphenyl-d14	92%	10-126%

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99513A-MB1	4P20488A.D	1	12/29/16	SG	12/28/16	OP99513A	E4P1116

The QC reported here applies to the following samples: **Method:** SW846 8270D BY SIM

JC34162-2

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.10	0.049	ug/l	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	82%	24-125%
321-60-8	2-Fluorobiphenyl	52%	19-127%
1718-51-0	Terphenyl-d14	86%	10-119%

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99513A-MB1	4M69342.D	1	12/29/16	SG	12/28/16	OP99513A	E4M3179

The QC reported here applies to the following samples: **Method:** SW846 8270D BY SIM

JC34162-2

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.10	0.049	ug/l	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	63%	24-125%
321-60-8	2-Fluorobiphenyl	59%	19-127%
1718-51-0	Terphenyl-d14	91%	10-119%

Leachate Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99481-LB10	2M90208.D	1	12/28/16	CS	12/27/16	OP99481	E2M4004

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	20	8.9	ug/l	
	3&4-Methylphenol	ND	20	8.8	ug/l	
87-86-5	Pentachlorophenol	ND	100	14	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	50	13	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	50	9.2	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	1.7	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	20	5.5	ug/l	
118-74-1	Hexachlorobenzene	ND	20	3.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	4.9	ug/l	
67-72-1	Hexachloroethane	ND	50	3.9	ug/l	
98-95-3	Nitrobenzene	ND	20	6.4	ug/l	
110-86-1	Pyridine	ND	20	3.9	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	48%	14-88%
4165-62-2	Phenol-d5	31%	10-110%
118-79-6	2,4,6-Tribromophenol	73%	39-149%
4165-60-0	Nitrobenzene-d5	68%	32-128%
321-60-8	2-Fluorobiphenyl	70%	35-119%
1718-51-0	Terphenyl-d14	94%	10-126%

Blank Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99481-BS1	2M90210.D	1	12/28/16	CS	12/27/16	OP99481	E2M4004

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34162-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-48-7	2-Methylphenol	500	364	73	42-103
	3&4-Methylphenol	500	341	68	39-110
87-86-5	Pentachlorophenol	500	210	42	30-136
95-95-4	2,4,5-Trichlorophenol	500	387	77	55-116
88-06-2	2,4,6-Trichlorophenol	500	414	83	56-115
106-46-7	1,4-Dichlorobenzene	500	315	63	39-110
121-14-2	2,4-Dinitrotoluene	500	506	101	57-122
118-74-1	Hexachlorobenzene	500	399	80	49-122
87-68-3	Hexachlorobutadiene	500	236	47	24-112
67-72-1	Hexachloroethane	500	280	56	31-107
98-95-3	Nitrobenzene	500	317	63	44-116
110-86-1	Pyridine	500	126	25	10-110

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	53%	14-88%
4165-62-2	Phenol-d5	37%	10-110%
118-79-6	2,4,6-Tribromophenol	87%	39-149%
4165-60-0	Nitrobenzene-d5	66%	32-128%
321-60-8	2-Fluorobiphenyl	80%	35-119%
1718-51-0	Terphenyl-d14	92%	10-126%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99481-BS2	2M90232.D	1	12/28/16	KLS	12/27/16	OP99481	E2M4005

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34162-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-48-7	2-Methylphenol	500	300	60	42-103
	3&4-Methylphenol	500	292	58	39-110
87-86-5	Pentachlorophenol	500	226	45	30-136
95-95-4	2,4,5-Trichlorophenol	500	327	65	55-116
88-06-2	2,4,6-Trichlorophenol	500	349	70	56-115
106-46-7	1,4-Dichlorobenzene	500	216	43	39-110
121-14-2	2,4-Dinitrotoluene	500	397	79	57-122
118-74-1	Hexachlorobenzene	500	329	66	49-122
87-68-3	Hexachlorobutadiene	500	154	31	24-112
67-72-1	Hexachloroethane	500	166	33	31-107
98-95-3	Nitrobenzene	500	246	49	44-116
110-86-1	Pyridine	500	91.8	18	10-110

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	44%	14-88%
4165-62-2	Phenol-d5	32%	10-110%
118-79-6	2,4,6-Tribromophenol	71%	39-149%
4165-60-0	Nitrobenzene-d5	54%	32-128%
321-60-8	2-Fluorobiphenyl	67%	35-119%
1718-51-0	Terphenyl-d14	79%	10-126%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99513A-BS12	4M69375.D	1	12/30/16	SG	12/28/16	OP99513A	E4M3181

The QC reported here applies to the following samples: **Method:** SW846 8270D BY SIM

JC34162-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	1	0.500	50	20-160

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	64%	24-125%
321-60-8	2-Fluorobiphenyl	73%	19-127%
1718-51-0	Terphenyl-d14	108%	10-119%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99481-MS	2M90213.D	1	12/28/16	CS	12/27/16	OP99481	E2M4004
OP99481-MSD	2M90214.D	1	12/28/16	CS	12/27/16	OP99481	E2M4004
JC34142-1	2M90220.D	1	12/28/16	CS	12/27/16	OP99481	E2M4004

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34162-1

CAS No.	Compound	JC34142-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-48-7	2-Methylphenol	ND		500	371	74	500	341	68	8	47-112/18
	3&4-Methylphenol	ND		500	355	71	500	333	67	6	44-113/19
87-86-5	Pentachlorophenol	ND		500	250	50	500	229	46	9	25-151/25
95-95-4	2,4,5-Trichlorophenol	ND		500	418	84	500	374	75	11	51-124/20
88-06-2	2,4,6-Trichlorophenol	ND		500	440	88	500	402	80	9	53-120/21
106-46-7	1,4-Dichlorobenzene	ND		500	334	67	500	317	63	5	40-105/22
121-14-2	2,4-Dinitrotoluene	ND		500	531	106	500	477	95	11	54-123/27
118-74-1	Hexachlorobenzene	ND		500	402	80	500	375	75	7	46-125/24
87-68-3	Hexachlorobutadiene	ND		500	258	52	500	241	48	7	26-121/24
67-72-1	Hexachloroethane	ND		500	301	60	500	277	55	8	35-111/26
98-95-3	Nitrobenzene	ND		500	305	61	500	299	60	2	35-130/25
110-86-1	Pyridine	ND		500	166	33	500	161	32	3	12-102/41

CAS No.	Surrogate Recoveries	MS	MSD	JC34142-1	Limits
367-12-4	2-Fluorophenol	54%	50%	45%	14-88%
4165-62-2	Phenol-d5	40%	35%	29%	10-110%
118-79-6	2,4,6-Tribromophenol	89%	81%	76%	39-149%
4165-60-0	Nitrobenzene-d5	65%	61%	65%	32-128%
321-60-8	2-Fluorobiphenyl	82%	76%	69%	35-119%
1718-51-0	Terphenyl-d14	92%	89%	92%	10-126%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99513A-MS	4M69387.D	5	12/30/16	SG	12/28/16	OP99513A	E4M3181
OP99513A-MSD	4M69412.D	5	12/31/16	SG	12/28/16	OP99513A	E4M3182
JC34180-1 [a]	4M69386.D	5	12/30/16	SG	12/28/16	OP99513A	E4M3181

The QC reported here applies to the following samples: **Method:** SW846 8270D BY SIM

JC34162-2

CAS No.	Compound	JC34180-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	ND		2.04	1.03	50	2.04	1.33	65	25	20-160/30

CAS No.	Surrogate Recoveries	MS	MSD	JC34180-1	Limits
4165-60-0	Nitrobenzene-d5	63%	78%	59%	24-125%
321-60-8	2-Fluorobiphenyl	58%	68%	48%	19-127%
1718-51-0	Terphenyl-d14	80%	81%	54%	10-119%

(a) Dilution required due to matrix interference.

* = Outside of Control Limits.

Leachate Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99481-LS6	2M90213.D	1	12/28/16	CS	12/27/16	OP99481	E2M4004
JC34142-1	2M90220.D	1	12/28/16	CS	12/27/16	OP99481	E2M4004

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC34162-1

CAS No.	Compound	JC34142-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
95-48-7	2-Methylphenol	ND		500	371	74	47-112
	3&4-Methylphenol	ND		500	355	71	44-113
87-86-5	Pentachlorophenol	ND		500	250	50	25-151
95-95-4	2,4,5-Trichlorophenol	ND		500	418	84	51-124
88-06-2	2,4,6-Trichlorophenol	ND		500	440	88	53-120
106-46-7	1,4-Dichlorobenzene	ND		500	334	67	40-105
121-14-2	2,4-Dinitrotoluene	ND		500	531	106	54-123
118-74-1	Hexachlorobenzene	ND		500	402	80	46-125
87-68-3	Hexachlorobutadiene	ND		500	258	52	26-121
67-72-1	Hexachloroethane	ND		500	301	60	35-111
98-95-3	Nitrobenzene	ND		500	305	61	35-130
110-86-1	Pyridine	ND		500	166	33	12-102

CAS No.	Surrogate Recoveries	LS	JC34142-1	Limits
367-12-4	2-Fluorophenol	54%	45%	14-88%
4165-62-2	Phenol-d5	40%	29%	10-110%
118-79-6	2,4,6-Tribromophenol	89%	76%	39-149%
4165-60-0	Nitrobenzene-d5	65%	65%	32-128%
321-60-8	2-Fluorobiphenyl	82%	69%	35-119%
1718-51-0	Terphenyl-d14	92%	92%	10-126%

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E2M3953-DFTPP **Injection Date:** 11/16/16
Lab File ID: 2M89019.D **Injection Time:** 12:14
Instrument ID: GCMS2M

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	19545	35.3		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	32336	58.3		Pass
70	Less than 2.0% of mass 69	125	0.23	(0.39) [a]	Pass
127	40.0 - 60.0% of mass 198	30639	55.3		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	55435	100.0		Pass
199	5.0 - 9.0% of mass 198	3791	6.84		Pass
275	10.0 - 30.0% of mass 198	16235	29.3		Pass
365	1.0 - 100.0% of mass 198	2377	4.29		Pass
441	Present, but less than mass 443	7379	13.3	(74.8) [b]	Pass
442	40.0 - 100.0% of mass 198	46984	84.8		Pass
443	17.0 - 23.0% of mass 442	9865	17.8	(21.0) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M3953-IC3953	2M89020.D	11/16/16	12:31	00:17	Initial cal 2
E2M3953-IC3953	2M89021.D	11/16/16	13:39	01:25	Initial cal 1
E2M3953-IC3953	2M89022.D	11/16/16	14:08	01:54	Initial cal 100
E2M3953-IC3953	2M89023.D	11/16/16	14:36	02:22	Initial cal 80
E2M3953-ICC3953	2M89024.D	11/16/16	15:05	02:51	Initial cal 50
E2M3953-IC3953	2M89025.D	11/16/16	15:34	03:20	Initial cal 25
E2M3953-IC3953	2M89026.D	11/16/16	16:03	03:49	Initial cal 10
E2M3953-IC3953	2M89027.D	11/16/16	16:32	04:18	Initial cal 5
E2M3953-ICV3953	2M89028.D	11/16/16	17:01	04:47	Initial cal verification 50
E2M3953-ICV3953	2M89030.D	11/16/16	17:59	05:45	Initial cal verification 50
E2M3953-ICV3953	2M89033.D	11/16/16	19:25	07:11	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E2M3954-DFTPP
Lab File ID: 2M89034.D
Instrument ID: GCMS2M
Injection Date: 11/16/16
Injection Time: 20:04

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	22436	36.4		Pass
68	Less than 2.0% of mass 69	503	0.82	(1.35) [a]	Pass
69	Mass 69 relative abundance	37244	60.5		Pass
70	Less than 2.0% of mass 69	247	0.40	(0.66) [a]	Pass
127	40.0 - 60.0% of mass 198	36464	59.2		Pass
197	Less than 1.0% of mass 198	582	0.94		Pass
198	Base peak, 100% relative abundance	61610	100.0		Pass
199	5.0 - 9.0% of mass 198	4322	7.02		Pass
275	10.0 - 30.0% of mass 198	18308	29.7		Pass
365	1.0 - 100.0% of mass 198	2978	4.83		Pass
441	Present, but less than mass 443	9144	14.8	(77.7) [b]	Pass
442	40.0 - 100.0% of mass 198	60150	97.6		Pass
443	17.0 - 23.0% of mass 442	11765	19.1	(19.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M3954-IC3954	2M89035.D	11/16/16	20:19	00:15	Initial cal 100
E2M3954-IC3954	2M89036.D	11/16/16	20:48	00:44	Initial cal 80
E2M3954-ICC3954	2M89037.D	11/16/16	21:16	01:12	Initial cal 50
E2M3954-IC3954	2M89038.D	11/16/16	21:45	01:41	Initial cal 25
E2M3954-IC3954	2M89039.D	11/16/16	22:14	02:10	Initial cal 10
E2M3954-IC3954	2M89040.D	11/16/16	22:42	02:38	Initial cal 5
E2M3954-IC3954	2M89041.D	11/16/16	23:11	03:07	Initial cal 2
E2M3954-IC3954	2M89042.D	11/16/16	23:40	03:36	Initial cal 1
E2M3954-ICV3953	2M89043A.D	11/17/16	00:08	04:04	Initial cal verification 50
E2M3954-ICV3954	2M89043.D	11/17/16	00:08	04:04	Initial cal verification 50
E2M3954-ICV3954	2M89044.D	11/17/16	00:37	04:33	Initial cal verification 50
E2M3954-ICV3954	2M89045.D	11/17/16	01:05	05:01	Initial cal verification 50
E2M3954-ICV3954	2M89046.D	11/17/16	01:34	05:30	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E2M3955-DFTPP
Lab File ID: 2M89048.D
Instrument ID: GCMS2M
Injection Date: 11/17/16
Injection Time: 10:51

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	24899	39.2		Pass
68	Less than 2.0% of mass 69	588	0.93	(1.56) [a]	Pass
69	Mass 69 relative abundance	37591	59.2		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	37757	59.4		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	63549	100.0		Pass
199	5.0 - 9.0% of mass 198	4606	7.25		Pass
275	10.0 - 30.0% of mass 198	17027	26.8		Pass
365	1.0 - 100.0% of mass 198	3095	4.87		Pass
441	Present, but less than mass 443	9115	14.3	(82.3) [b]	Pass
442	40.0 - 100.0% of mass 198	56531	89.0		Pass
443	17.0 - 23.0% of mass 442	11080	17.4	(19.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M3955-ICV3953	2M89049.D	11/17/16	11:08	00:17	Initial cal verification 50
E2M3955-ICV3953	2M89050.D	11/17/16	11:36	00:45	Initial cal verification 50
E2M3955-ICV3953	2M89051.D	11/17/16	12:08	01:17	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E2M3972-DFTPP **Injection Date:** 12/01/16
Lab File ID: 2M89400.D **Injection Time:** 09:46
Instrument ID: GCMS2M

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	22982	41.5		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	32989	59.5		Pass
70	Less than 2.0% of mass 69	287	0.52	(0.87) [a]	Pass
127	40.0 - 60.0% of mass 198	32639	58.9		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	55445	100.0		Pass
199	5.0 - 9.0% of mass 198	3915	7.06		Pass
275	10.0 - 30.0% of mass 198	14982	27.0		Pass
365	1.0 - 100.0% of mass 198	2666	4.81		Pass
441	Present, but less than mass 443	7166	12.9	(79.2) [b]	Pass
442	40.0 - 100.0% of mass 198	48905	88.2		Pass
443	17.0 - 23.0% of mass 442	9049	16.3	(18.5) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M3972-IC3972	2M89403.D	12/01/16	11:12	01:26	Initial cal 100
E2M3972-IC3972	2M89404.D	12/01/16	11:40	01:54	Initial cal 80
E2M3972-ICC3972	2M89405.D	12/01/16	12:08	02:22	Initial cal 50
E2M3972-IC3972	2M89406.D	12/01/16	12:36	02:50	Initial cal 25
E2M3972-IC3972	2M89407.D	12/01/16	13:04	03:18	Initial cal 10
E2M3972-IC3972	2M89408.D	12/01/16	13:33	03:47	Initial cal 5
E2M3972-IC3972	2M89409.D	12/01/16	14:01	04:15	Initial cal 2
E2M3972-IC3972	2M89410.D	12/01/16	14:29	04:43	Initial cal 1
E2M3972-ICV3972	2M89411.D	12/01/16	14:57	05:11	Initial cal verification 50
E2M3972-ICV3972	2M89412.D	12/01/16	15:25	05:39	Initial cal verification 50
E2M3972-ICV3972	2M89414.D	12/01/16	16:21	06:35	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E2M4004-DFTPP
Lab File ID: 2M90198.D
Instrument ID: GCMS2M
Injection Date: 12/27/16
Injection Time: 21:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	35425	41.4		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	45570	53.3		Pass
70	Less than 2.0% of mass 69	232	0.27	(0.51) [a]	Pass
127	40.0 - 60.0% of mass 198	45146	52.8		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	85482	100.0		Pass
199	5.0 - 9.0% of mass 198	6378	7.46		Pass
275	10.0 - 30.0% of mass 198	21952	25.7		Pass
365	1.0 - 100.0% of mass 198	2988	3.50		Pass
441	Present, but less than mass 443	13103	15.3	(83.9) [b]	Pass
442	40.0 - 100.0% of mass 198	81344	95.2		Pass
443	17.0 - 23.0% of mass 442	15620	18.3	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M4004-CC3953	2M90199.D	12/27/16	21:49	00:23	Continuing cal 50
E2M4004-CC3972	2M90200.D	12/27/16	22:18	00:52	Continuing cal 50
OP99479-MB1	2M90202.D	12/27/16	23:16	01:50	Method Blank
ZZZZZZ	2M90203.D	12/27/16	23:45	02:19	(unrelated sample)
ZZZZZZ	2M90204.D	12/28/16	00:14	02:48	(unrelated sample)
OP99497-MB1	2M90205.D	12/28/16	00:43	03:17	Method Blank
OP99497-BS1	2M90206.D	12/28/16	01:12	03:46	Blank Spike
OP99480-MB1	2M90207.D	12/28/16	01:40	04:14	Method Blank
OP99481-MB1	2M90207.D	12/28/16	01:40	04:14	Method Blank
OP99481-LB10	2M90208.D	12/28/16	02:09	04:43	Leachate Blank
OP99480-LB12	2M90209.D	12/28/16	02:38	05:12	Leachate Blank
OP99481-BS1	2M90210.D	12/28/16	03:06	05:40	Blank Spike
OP99480-BS1	2M90210.D	12/28/16	03:06	05:40	Blank Spike
OP99480-MS	2M90211.D	12/28/16	03:35	06:09	Matrix Spike
OP99480-LS4	2M90211.D	12/28/16	03:35	06:09	Leachate Spike
OP99480-MSD	2M90212.D	12/28/16	04:03	06:37	Matrix Spike Duplicate
OP99481-MS	2M90213.D	12/28/16	04:32	07:06	Matrix Spike
OP99481-LS6	2M90213.D	12/28/16	04:32	07:06	Leachate Spike
OP99481-MSD	2M90214.D	12/28/16	05:01	07:35	Matrix Spike Duplicate

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	E2M4004-DFTPP	**Injection Date:**	12/27/16
Lab File ID:	2M90198.D	**Injection Time:**	21:26
Instrument ID:	GCMS2M		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	2M90215.D	12/28/16	05:29	08:03	(unrelated sample)
JC34106-10	2M90216.D	12/28/16	05:58	08:32	(used for QC only; not part of job JC34162)
ZZZZZZ	2M90217.D	12/28/16	06:26	09:00	(unrelated sample)
ZZZZZZ	2M90218.D	12/28/16	06:55	09:29	(unrelated sample)
ZZZZZZ	2M90219.D	12/28/16	07:23	09:57	(unrelated sample)
JC34142-1	2M90220.D	12/28/16	07:52	10:26	(used for QC only; not part of job JC34162)
JC34340-1	2M90222.D	12/28/16	08:49	11:23	(used for QC only; not part of job JC34162)
OP99497-MS	2M90223.D	12/28/16	09:18	11:52	Matrix Spike

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E2M4005-DFTPP
Lab File ID: 2M90225.D
Instrument ID: GCMS2M
Injection Date: 12/28/16
Injection Time: 11:56

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	40320	38.7		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	57367	55.0		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	54768	52.5		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	104296	100.0		Pass
199	5.0 - 9.0% of mass 198	7996	7.67		Pass
275	10.0 - 30.0% of mass 198	28274	27.1		Pass
365	1.0 - 100.0% of mass 198	4630	4.44		Pass
441	Present, but less than mass 443	16112	15.4	(83.5) [b]	Pass
442	40.0 - 100.0% of mass 198	102088	97.9		Pass
443	17.0 - 23.0% of mass 442	19298	18.5	(18.9) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M4005-CC3953	2M90226.D	12/28/16	12:16	00:20	Continuing cal 25
E2M4005-CC3972	2M90227.D	12/28/16	12:51	00:55	Continuing cal 25
OP99480-MB2	2M90229.D	12/28/16	13:57	02:01	Method Blank
OP99506-MB1	2M90229.D	12/28/16	13:57	02:01	Method Blank
OP99481-MB2	2M90229.D	12/28/16	13:57	02:01	Method Blank
OP99480-LB17	2M90231.D	12/28/16	14:54	02:58	Leachate Blank
OP99480-BS2	2M90232.D	12/28/16	15:23	03:27	Blank Spike
OP99506-BS1	2M90232.D	12/28/16	15:23	03:27	Blank Spike
OP99481-BS2	2M90232.D	12/28/16	15:23	03:27	Blank Spike
ZZZZZZ	2M90234.D	12/28/16	16:21	04:25	(unrelated sample)
ZZZZZZ	2M90235.D	12/28/16	16:49	04:53	(unrelated sample)
ZZZZZZ	2M90252.D	12/28/16	17:47	05:51	(unrelated sample)
OP99506-LS8	2M90236.D	12/28/16	18:16	06:20	Leachate Spike
OP99506-MS	2M90236.D	12/28/16	18:16	06:20	Matrix Spike
OP99506-MSD	2M90237.D	12/28/16	18:44	06:48	Matrix Spike Duplicate
JC34171-1A	2M90238.D	12/28/16	19:13	07:17	(used for QC only; not part of job JC34162)
OP99491-MB1	2M90239.D	12/28/16	19:42	07:46	Method Blank
OP99491-BS1	2M90240.D	12/28/16	20:10	08:14	Blank Spike
OP99491-BS13	2M90241.D	12/28/16	20:39	08:43	Blank Spike

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	E2M4005-DFTPP	**Injection Date:**	12/28/16
Lab File ID:	2M90225.D	**Injection Time:**	11:56
Instrument ID:	GCMS2M		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
OP99491-MS	2M90242.D	12/28/16	21:08	09:12	Matrix Spike
OP99491-MSD	2M90243.D	12/28/16	21:37	09:41	Matrix Spike Duplicate
JC31811-1B	2M90244.D	12/28/16	22:05	10:09	(used for QC only; not part of job JC34162)
ZZZZZZ	2M90245.D	12/28/16	22:34	10:38	(unrelated sample)
ZZZZZZ	2M90246.D	12/28/16	23:03	11:07	(unrelated sample)
ZZZZZZ	2M90247.D	12/28/16	23:31	11:35	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E2M4009-DFTPP
Lab File ID: 2M90316.D
Instrument ID: GCMS2M
Injection Date: 12/30/16
Injection Time: 16:14

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	40437	40.6		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	55185	55.4		Pass
70	Less than 2.0% of mass 69	113	0.11	(0.20) [a]	Pass
127	40.0 - 60.0% of mass 198	51008	51.2		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	99568	100.0		Pass
199	5.0 - 9.0% of mass 198	5910	5.94		Pass
275	10.0 - 30.0% of mass 198	27442	27.6		Pass
365	1.0 - 100.0% of mass 198	3604	3.62		Pass
441	Present, but less than mass 443	15222	15.3	(79.6) [b]	Pass
442	40.0 - 100.0% of mass 198	94816	95.2		Pass
443	17.0 - 23.0% of mass 442	19119	19.2	(20.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E2M4009-CC3953	2M90317.D	12/30/16	16:26	00:12	Continuing cal 50
OP99570-MB1	2M90319.D	12/30/16	17:24	01:10	Method Blank
OP99569-MB1	2M90319.D	12/30/16	17:24	01:10	Method Blank
OP99506-MB3	2M90319.D	12/30/16	17:24	01:10	Method Blank
OP99506-LB13	2M90320.D	12/30/16	17:53	01:39	Leachate Blank
OP99569-LB20	2M90321.D	12/30/16	18:22	02:08	Leachate Blank
OP99570-LB21	2M90322.D	12/30/16	18:51	02:37	Leachate Blank
OP99569-BS1	2M90323.D	12/30/16	19:20	03:06	Blank Spike
OP99570-BS1	2M90323.D	12/30/16	19:20	03:06	Blank Spike
OP99506-BS3	2M90323.D	12/30/16	19:20	03:06	Blank Spike
OP99569-MS	2M90324.D	12/30/16	19:49	03:35	Matrix Spike
OP99569-LS10	2M90324.D	12/30/16	19:49	03:35	Leachate Spike
OP99569-MSD	2M90325.D	12/30/16	20:17	04:03	Matrix Spike Duplicate
OP99570-LS11	2M90326.D	12/30/16	20:46	04:32	Leachate Spike
OP99570-MS	2M90326.D	12/30/16	20:46	04:32	Matrix Spike
OP99570-MSD	2M90327.D	12/30/16	21:15	05:01	Matrix Spike Duplicate
JC34489-1A	2M90328.D	12/30/16	21:44	05:30	(used for QC only; not part of job JC34162)
ZZZZZZ	2M90329.D	12/30/16	22:12	05:58	(unrelated sample)
JC34368-1AB	2M90330.D	12/30/16	22:41	06:27	(used for QC only; not part of job JC34162)

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	E2M4009-DFTPP	**Injection Date:**	12/30/16
Lab File ID:	2M90316.D	**Injection Time:**	16:14
Instrument ID:	GCMS2M		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	2M90331.D	12/30/16	23:10	06:56	(unrelated sample)
ZZZZZZ	2M90332.D	12/30/16	23:38	07:24	(unrelated sample)
JC34162-1	2M90333.D	12/31/16	00:07	07:53	HOFF SB03_8-9
ZZZZZZ	2M90334.D	12/31/16	00:36	08:22	(unrelated sample)
ZZZZZZ	2M90335.D	12/31/16	01:05	08:51	(unrelated sample)
ZZZZZZ	2M90336.D	12/31/16	01:34	09:20	(unrelated sample)
ZZZZZZ	2M90337.D	12/31/16	02:03	09:49	(unrelated sample)
ZZZZZZ	2M90338.D	12/31/16	02:32	10:18	(unrelated sample)
ZZZZZZ	2M90339.D	12/31/16	03:01	10:47	(unrelated sample)
ZZZZZZ	2M90340.D	12/31/16	03:30	11:16	(unrelated sample)
ZZZZZZ	2M90341.D	12/31/16	03:59	11:45	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E3M3145-DFTPP **Injection Date:** 12/21/16
Lab File ID: 3M67560A.D **Injection Time:** 19:18
Instrument ID: GCMS3M

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	56160	37.5		Pass
68	Less than 2.0% of mass 69	765	0.51	(1.27) [a]	Pass
69	Mass 69 relative abundance	60225	40.2		Pass
70	Less than 2.0% of mass 69	467	0.31	(0.78) [a]	Pass
127	40.0 - 60.0% of mass 198	79053	52.7		Pass
197	Less than 1.0% of mass 198	657	0.44		Pass
198	Base peak, 100% relative abundance	149925	100.0		Pass
199	5.0 - 9.0% of mass 198	10011	6.68		Pass
275	10.0 - 30.0% of mass 198	32678	21.8		Pass
365	1.0 - 100.0% of mass 198	4012	2.68		Pass
441	Present, but less than mass 443	16659	11.1	(80.7) [b]	Pass
442	40.0 - 100.0% of mass 198	107268	71.5		Pass
443	17.0 - 23.0% of mass 442	20644	13.8	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E3M3145-IC3145	3M67561.D	12/21/16	19:40	00:22	Initial cal 1.0
E3M3145-ICC3145	3M67562.D	12/21/16	20:12	00:54	Initial cal 0.5
E3M3145-IC3145	3M67563.D	12/21/16	20:44	01:26	Initial cal 0.2
E3M3145-IC3145	3M67564.D	12/21/16	21:16	01:58	Initial cal 0.1
E3M3145-IC3145	3M67565.D	12/21/16	21:49	02:31	Initial cal 0.05
E3M3145-IC3145	3M67566.D	12/21/16	22:21	03:03	Initial cal 0.02
E3M3145-IC3145	3M67567.D	12/21/16	22:53	03:35	Initial cal 0.01
E3M3145-IC3145	3M67568.D	12/21/16	23:25	04:07	Initial cal 2.5
E3M3145-IC3145	3M67569.D	12/21/16	23:57	04:39	Initial cal 5.0
E3M3145-ICV3145	3M67571.D	12/22/16	01:01	05:43	Initial cal verification 1.0

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	E3M3146-DFTPP	**Injection Date:**	12/22/16
Lab File ID:	3M67572.D	**Injection Time:**	16:58
Instrument ID:	GCMS3M		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	65981	35.9		Pass
68	Less than 2.0% of mass 69	1245	0.68	(1.82) [a]	Pass
69	Mass 69 relative abundance	68519	37.3		Pass
70	Less than 2.0% of mass 69	503	0.27	(0.73) [a]	Pass
127	40.0 - 60.0% of mass 198	93235	50.8		Pass
197	Less than 1.0% of mass 198	898	0.49		Pass
198	Base peak, 100% relative abundance	183592	100.0		Pass
199	5.0 - 9.0% of mass 198	12660	6.90		Pass
275	10.0 - 30.0% of mass 198	40429	22.0		Pass
365	1.0 - 100.0% of mass 198	5236	2.85		Pass
441	Present, but less than mass 443	21507	11.7	(79.1) [b]	Pass
442	40.0 - 100.0% of mass 198	136984	74.6		Pass
443	17.0 - 23.0% of mass 442	27184	14.8	(19.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E3M3146-ICV3145	3M67573.D	12/22/16	17:12	00:14	Initial cal verification 1.0

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	E3M3158-DFTPP	**Injection Date:**	01/04/17
Lab File ID:	3M67786.D	**Injection Time:**	00:05
Instrument ID:	GCMS3M		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	129902	37.2		Pass
68	Less than 2.0% of mass 69	2258	0.65	(1.72) [a]	Pass
69	Mass 69 relative abundance	131390	37.6		Pass
70	Less than 2.0% of mass 69	372	0.11	(0.28) [a]	Pass
127	40.0 - 60.0% of mass 198	177331	50.8		Pass
197	Less than 1.0% of mass 198	320	0.09		Pass
198	Base peak, 100% relative abundance	349061	100.0		Pass
199	5.0 - 9.0% of mass 198	23510	6.74		Pass
275	10.0 - 30.0% of mass 198	78720	22.6		Pass
365	1.0 - 100.0% of mass 198	9878	2.83		Pass
441	Present, but less than mass 443	43023	12.3	(79.5) [b]	Pass
442	40.0 - 100.0% of mass 198	281856	80.7		Pass
443	17.0 - 23.0% of mass 442	54125	15.5	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E3M3158-CC3145	3M67787.D	01/04/17	00:18	00:13	Continuing cal 1.0
OP99633A-MB1	3M67788.D	01/04/17	01:33	01:28	Method Blank
OP99633A-BS12	3M67789.D	01/04/17	02:06	02:01	Blank Spike
ZZZZZZ	3M67790.D	01/04/17	02:38	02:33	(unrelated sample)
ZZZZZZ	3M67791.D	01/04/17	03:11	03:06	(unrelated sample)
ZZZZZZ	3M67792.D	01/04/17	03:43	03:38	(unrelated sample)
JC34162-2	3M67794.D	01/04/17	04:48	04:43	HOFF TW03

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E4M3166-DFTPP **Injection Date:** 12/14/16
Lab File ID: 4M69088.D **Injection Time:** 22:56
Instrument ID: GCMS4M

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	41648	32.3		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	52026	40.4		Pass
70	Less than 2.0% of mass 69	27	0.02	(0.05) [a]	Pass
127	40.0 - 60.0% of mass 198	62189	48.3		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	128832	100.0		Pass
199	5.0 - 9.0% of mass 198	7766	6.03		Pass
275	10.0 - 30.0% of mass 198	28695	22.3		Pass
365	1.0 - 100.0% of mass 198	4350	3.38		Pass
441	Present, but less than mass 443	19269	15.0	(83.9) [b]	Pass
442	40.0 - 100.0% of mass 198	121544	94.3		Pass
443	17.0 - 23.0% of mass 442	22979	17.8	(18.9) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4M3166-IC3166	4M69089.D	12/14/16	23:21	00:25	Initial cal 1.0
E4M3166-ICC3166	4M69090.D	12/14/16	23:51	00:55	Initial cal 0.5
E4M3166-IC3166	4M69091.D	12/15/16	00:21	01:25	Initial cal 0.2
E4M3166-IC3166	4M69092.D	12/15/16	00:52	01:56	Initial cal 0.1
E4M3166-IC3166	4M69093.D	12/15/16	01:22	02:26	Initial cal 0.05
E4M3166-IC3166	4M69094.D	12/15/16	01:52	02:56	Initial cal 0.02
E4M3166-IC3166	4M69095.D	12/15/16	02:23	03:27	Initial cal 0.01
E4M3166-IC3166	4M69096.D	12/15/16	02:53	03:57	Initial cal 5.0
E4M3166-IC3166	4M69097.D	12/15/16	03:24	04:28	Initial cal 2.5
E4M3166-ICV3166	4M69099.D	12/15/16	04:24	05:28	Initial cal verification 1.0

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	E4M3167-DFTPP	**Injection Date:**	12/19/16
Lab File ID:	4M69102.D	**Injection Time:**	13:48
Instrument ID:	GCMS4M		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	46523	33.6		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	58157	42.0		Pass
70	Less than 2.0% of mass 69	431	0.31	(0.74) [a]	Pass
127	40.0 - 60.0% of mass 198	69411	50.2		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	138387	100.0		Pass
199	5.0 - 9.0% of mass 198	10067	7.27		Pass
275	10.0 - 30.0% of mass 198	30893	22.3		Pass
365	1.0 - 100.0% of mass 198	4240	3.06		Pass
441	Present, but less than mass 443	19741	14.3	(76.5) [b]	Pass
442	40.0 - 100.0% of mass 198	128696	93.0		Pass
443	17.0 - 23.0% of mass 442	25789	18.6	(20.0) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4M3167-ICV3166	4M69103.D	12/19/16	14:07	00:19	Initial cal verification 1.0

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E4M3179-DFTPP **Injection Date:** 12/29/16
Lab File ID: 4M69339.D **Injection Time:** 08:43
Instrument ID: GCMS4M

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	32111	34.9		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	40979	44.6		Pass
70	Less than 2.0% of mass 69	290	0.32	(0.71) [a]	Pass
127	40.0 - 60.0% of mass 198	45683	49.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	91960	100.0		Pass
199	5.0 - 9.0% of mass 198	6124	6.66		Pass
275	10.0 - 30.0% of mass 198	19626	21.3		Pass
365	1.0 - 100.0% of mass 198	3021	3.29		Pass
441	Present, but less than mass 443	11807	12.8	(80.8) [b]	Pass
442	40.0 - 100.0% of mass 198	78520	85.4		Pass
443	17.0 - 23.0% of mass 442	14615	15.9	(18.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4M3179-CC3166	4M69341.D	12/29/16	09:38	00:55	Continuing cal 1.0
OP99513A-MB1	4M69342.D	12/29/16	10:32	01:49	Method Blank
ZZZZZZ	4M69347.D	12/29/16	13:06	04:23	(unrelated sample)
ZZZZZZ	4M69348.D	12/29/16	13:36	04:53	(unrelated sample)
ZZZZZZ	4M69349.D	12/29/16	14:07	05:24	(unrelated sample)
ZZZZZZ	4M69350.D	12/29/16	14:38	05:55	(unrelated sample)
ZZZZZZ	4M69351.D	12/29/16	15:09	06:26	(unrelated sample)
ZZZZZZ	4M69352.D	12/29/16	15:39	06:56	(unrelated sample)
ZZZZZZ	4M69353.D	12/29/16	16:10	07:27	(unrelated sample)
ZZZZZZ	4M69354.D	12/29/16	16:41	07:58	(unrelated sample)
ZZZZZZ	4M69355.D	12/29/16	17:12	08:29	(unrelated sample)
ZZZZZZ	4M69356.D	12/29/16	17:42	08:59	(unrelated sample)
ZZZZZZ	4M69357.D	12/29/16	18:13	09:30	(unrelated sample)
ZZZZZZ	4M69358.D	12/29/16	18:44	10:01	(unrelated sample)
ZZZZZZ	4M69359.D	12/29/16	19:14	10:31	(unrelated sample)
OP99456A-MS	4M69360.D	12/29/16	19:45	11:02	Matrix Spike
OP99456A-MSD	4M69361.D	12/29/16	20:15	11:32	Matrix Spike Duplicate

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E4M3181-DFTPP
Lab File ID: 4M69364.D
Instrument ID: GCMS4M
Injection Date: 12/30/16
Injection Time: 11:16

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	27242	30.1		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	37149	41.0		Pass
70	Less than 2.0% of mass 69	208	0.23	(0.56) [a]	Pass
127	40.0 - 60.0% of mass 198	43531	48.0		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	90637	100.0		Pass
199	5.0 - 9.0% of mass 198	6250	6.90		Pass
275	10.0 - 30.0% of mass 198	19848	21.9		Pass
365	1.0 - 100.0% of mass 198	3267	3.60		Pass
441	Present, but less than mass 443	13480	14.9	(77.3) [b]	Pass
442	40.0 - 100.0% of mass 198	89125	98.3		Pass
443	17.0 - 23.0% of mass 442	17436	19.2	(19.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4M3181-CC3166	4M69365.D	12/30/16	11:32	00:16	Continuing cal 1.0
OP99273A-MB1	4M69366.D	12/30/16	12:07	00:51	Method Blank
OP99445A-MB1	4M69367.D	12/30/16	12:38	01:22	Method Blank
OP99445A-BS12	4M69368.D	12/30/16	13:08	01:52	Blank Spike
OP99556A-MB1	4M69369.D	12/30/16	13:39	02:23	Method Blank
OP99556A-BS12	4M69370.D	12/30/16	14:10	02:54	Blank Spike
OP99513A-BS12	4M69375.D	12/30/16	14:40	03:24	Blank Spike
OP99445A-MS	4M69371.D	12/30/16	15:11	03:55	Matrix Spike
OP99445A-MSD	4M69372.D	12/30/16	15:42	04:26	Matrix Spike Duplicate
JC34161-9	4M69373.D	12/30/16	16:12	04:56	(used for QC only; not part of job JC34162)
ZZZZZZ	4M69374.D	12/30/16	16:43	05:27	(unrelated sample)
OP99514A-MB1	4M69376.D	12/30/16	17:26	06:10	Method Blank
ZZZZZZ	4M69377.D	12/30/16	17:56	06:40	(unrelated sample)
ZZZZZZ	4M69378.D	12/30/16	18:27	07:11	(unrelated sample)
JC34355-1	4M69379.D	12/30/16	18:57	07:41	(used for QC only; not part of job JC34162)
ZZZZZZ	4M69380.D	12/30/16	19:28	08:12	(unrelated sample)
ZZZZZZ	4M69381.D	12/30/16	19:58	08:42	(unrelated sample)
ZZZZZZ	4M69382.D	12/30/16	20:29	09:13	(unrelated sample)
ZZZZZZ	4M69383.D	12/30/16	20:59	09:43	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	E4M3181-DFTPP	**Injection Date:**	12/30/16
Lab File ID:	4M69364.D	**Injection Time:**	11:16
Instrument ID:	GCMS4M		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
OP99556A-MS	4M69384.D	12/30/16	21:30	10:14	Matrix Spike
OP99556A-MSD	4M69385.D	12/30/16	22:00	10:44	Matrix Spike Duplicate
JC34180-1	4M69386.D	12/30/16	22:31	11:15	(used for QC only; not part of job JC34162)
OP99513A-MS	4M69387.D	12/30/16	23:01	11:45	Matrix Spike

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E4M3182-DFTPP **Injection Date:** 12/31/16
Lab File ID: 4M69393.D **Injection Time:** 13:26
Instrument ID: GCMS4M

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	53584	32.5		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	70499	42.8		Pass
70	Less than 2.0% of mass 69	394	0.24	(0.56) [a]	Pass
127	40.0 - 60.0% of mass 198	80467	48.8		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	164776	100.0		Pass
199	5.0 - 9.0% of mass 198	11242	6.82		Pass
275	10.0 - 30.0% of mass 198	35272	21.4		Pass
365	1.0 - 100.0% of mass 198	5797	3.52		Pass
441	Present, but less than mass 443	23809	14.4	(80.2) [b]	Pass
442	40.0 - 100.0% of mass 198	146936	89.2		Pass
443	17.0 - 23.0% of mass 442	29701	18.0	(20.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4M3182-CC3166	4M69394.D	12/31/16	13:37	00:11	Continuing cal 1.0
OP99558A-MB1	4M69395.D	12/31/16	14:16	00:50	Method Blank
ZZZZZZ	4M69396.D	12/31/16	14:47	01:21	(unrelated sample)
ZZZZZZ	4M69397.D	12/31/16	15:17	01:51	(unrelated sample)
ZZZZZZ	4M69398.D	12/31/16	15:47	02:21	(unrelated sample)
ZZZZZZ	4M69399.D	12/31/16	16:18	02:52	(unrelated sample)
ZZZZZZ	4M69400.D	12/31/16	16:48	03:22	(unrelated sample)
ZZZZZZ	4M69403.D	12/31/16	17:19	03:53	(unrelated sample)
ZZZZZZ	4M69404.D	12/31/16	17:49	04:23	(unrelated sample)
ZZZZZZ	4M69405.D	12/31/16	18:20	04:54	(unrelated sample)
ZZZZZZ	4M69409.D	12/31/16	19:20	05:54	(unrelated sample)
ZZZZZZ	4M69410.D	12/31/16	19:51	06:25	(unrelated sample)
ZZZZZZ	4M69411.D	12/31/16	20:21	06:55	(unrelated sample)
OP99513A-MSD	4M69412.D	12/31/16	20:51	07:25	Matrix Spike Duplicate
ZZZZZZ	4M69413.D	12/31/16	21:22	07:56	(unrelated sample)
JC34162-2	4M69414.D	12/31/16	21:52	08:26	HOFF TW03
ZZZZZZ	4M69415.D	12/31/16	22:22	08:56	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E4P1064-DFTPP
Lab File ID: 4P19636.D
Instrument ID: GCMS4P
Injection Date: 11/21/16
Injection Time: 15:18

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	1976	40.9		Pass
68	Less than 2.0% of mass 69	19	0.39	(0.82) [a]	Pass
69	Mass 69 relative abundance	2313	47.8		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	2613	54.0		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	4836	100.0		Pass
199	5.0 - 9.0% of mass 198	359	7.42		Pass
275	10.0 - 30.0% of mass 198	1169	24.2		Pass
365	1.0 - 100.0% of mass 198	180	3.72		Pass
441	Present, but less than mass 443	582	12.0	(67.1) [b]	Pass
442	40.0 - 100.0% of mass 198	4023	83.2		Pass
443	17.0 - 23.0% of mass 442	867	17.9	(21.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4P1064-ICC1064	4P19637.D	11/21/16	15:30	00:12	Initial cal 1.0
E4P1064-IC1064	4P19638.D	11/21/16	16:01	00:43	Initial cal 0.5
E4P1064-IC1064	4P19639.D	11/21/16	16:34	01:16	Initial cal 0.2
E4P1064-IC1064	4P19640.D	11/21/16	17:05	01:47	Initial cal 0.1
E4P1064-IC1064	4P19641.D	11/21/16	17:36	02:18	Initial cal 0.05
E4P1064-IC1064	4P19642.D	11/21/16	18:06	02:48	Initial cal 0.02
E4P1064-IC1064	4P19643.D	11/21/16	18:37	03:19	Initial cal 0.01
E4P1064-IC1064	4P19644.D	11/21/16	19:08	03:50	Initial cal 5.0
E4P1064-IC1064	4P19645.D	11/21/16	19:38	04:20	Initial cal 2.5
E4P1064-ICV1064	4P19646.D	11/21/16	20:09	04:51	Initial cal verification 1.0

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	E4P1065-DFTPP	**Injection Date:**	11/22/16
Lab File ID:	4P19648.D	**Injection Time:**	16:26
Instrument ID:	GCMS4P		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	2103	39.7		Pass
68	Less than 2.0% of mass 69	18	0.34	(0.65) [a]	Pass
69	Mass 69 relative abundance	2749	51.9		Pass
70	Less than 2.0% of mass 69	27	0.51	(0.98) [a]	Pass
127	40.0 - 60.0% of mass 198	2846	53.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	5301	100.0		Pass
199	5.0 - 9.0% of mass 198	354	6.68		Pass
275	10.0 - 30.0% of mass 198	1261	23.8		Pass
365	1.0 - 100.0% of mass 198	184	3.47		Pass
441	Present, but less than mass 443	659	12.4	(81.9) [b]	Pass
442	40.0 - 100.0% of mass 198	3990	75.3		Pass
443	17.0 - 23.0% of mass 442	805	15.2	(20.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4P1065-ICV1064	4P19650.D	11/22/16	17:20	00:54	Initial cal verification 1.0

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E4P1116-DFTPP
Lab File ID: 4P20486.D
Instrument ID: GCMS4P
Injection Date: 12/29/16
Injection Time: 08:21

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	1677	36.6		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	2086	45.5		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	2454	53.5		Pass
197	Less than 1.0% of mass 198	26	0.57		Pass
198	Base peak, 100% relative abundance	4587	100.0		Pass
199	5.0 - 9.0% of mass 198	298	6.50		Pass
275	10.0 - 30.0% of mass 198	1176	25.6		Pass
365	1.0 - 100.0% of mass 198	153	3.34		Pass
441	Present, but less than mass 443	664	14.5	(82.5) [b]	Pass
442	40.0 - 100.0% of mass 198	4405	96.0		Pass
443	17.0 - 23.0% of mass 442	805	17.5	(18.3) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4P1116-CC1064	4P20487.D	12/29/16	08:33	00:12	Continuing cal 0.5
OP99513A-MB1	4P20488A.D	12/29/16	09:21	01:00	Method Blank
ZZZZZZ	4P20491.D	12/29/16	10:53	02:32	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample:	E6P1534-DFTPP	**Injection Date:**	12/22/16
Lab File ID:	6P33264.D	**Injection Time:**	21:35
Instrument ID:	GCMS6P		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	363253	35.1		Pass
68	Less than 2.0% of mass 69	6155	0.59	(1.26) [a]	Pass
69	Mass 69 relative abundance	489138	47.2		Pass
70	Less than 2.0% of mass 69	3064	0.30	(0.63) [a]	Pass
127	40.0 - 60.0% of mass 198	475048	45.9		Pass
197	Less than 1.0% of mass 198	5193	0.50		Pass
198	Base peak, 100% relative abundance	1035554	100.0		Pass
199	5.0 - 9.0% of mass 198	67992	6.57		Pass
275	10.0 - 30.0% of mass 198	271075	26.2		Pass
365	1.0 - 100.0% of mass 198	31864	3.08		Pass
441	Present, but less than mass 443	120253	11.6	(79.1) [b]	Pass
442	40.0 - 100.0% of mass 198	794410	76.7		Pass
443	17.0 - 23.0% of mass 442	151994	14.7	(19.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P1534-IC1534	6P33265.D	12/22/16	22:02	00:27	Initial cal 100
E6P1534-IC1534	6P33266.D	12/22/16	22:27	00:52	Initial cal 80
E6P1534-ICC1534	6P33267.D	12/22/16	22:51	01:16	Initial cal 50
E6P1534-IC1534	6P33268.D	12/22/16	23:16	01:41	Initial cal 25
E6P1534-IC1534	6P33269.D	12/22/16	23:40	02:05	Initial cal 10
E6P1534-IC1534	6P33270.D	12/23/16	00:05	02:30	Initial cal 5
E6P1534-IC1534	6P33271.D	12/23/16	00:30	02:55	Initial cal 2
E6P1534-IC1534	6P33272.D	12/23/16	00:54	03:19	Initial cal 1
E6P1534-ICV1534	6P33273.D	12/23/16	01:19	03:44	Initial cal verification 50
E6P1534-ICV1534	6P33274.D	12/23/16	01:44	04:09	Initial cal verification 50
E6P1534-ICV1534	6P33275.D	12/23/16	02:08	04:33	Initial cal verification 50
E6P1534-ICV1534	6P33276.D	12/23/16	02:33	04:58	Initial cal verification 50
E6P1534-ICV1534	6P33278.D	12/23/16	03:22	05:47	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E6P1535-DFTPP
Lab File ID: 6P33280.D
Instrument ID: GCMS6P
Injection Date: 12/23/16
Injection Time: 07:18

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	350389	32.3		Pass
68	Less than 2.0% of mass 69	7712	0.71	(1.56) [a]	Pass
69	Mass 69 relative abundance	494226	45.6		Pass
70	Less than 2.0% of mass 69	2824	0.26	(0.57) [a]	Pass
127	40.0 - 60.0% of mass 198	484953	44.7		Pass
197	Less than 1.0% of mass 198	8620	0.80		Pass
198	Base peak, 100% relative abundance	1083989	100.0		Pass
199	5.0 - 9.0% of mass 198	71192	6.57		Pass
275	10.0 - 30.0% of mass 198	286333	26.4		Pass
365	1.0 - 100.0% of mass 198	36642	3.38		Pass
441	Present, but less than mass 443	139202	12.8	(71.9) [b]	Pass
442	40.0 - 100.0% of mass 198	995492	91.8		Pass
443	17.0 - 23.0% of mass 442	193706	17.9	(19.5) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P1535-IC1535	6P33281.D	12/23/16	07:29	00:11	Initial cal 100
E6P1535-IC1535	6P33282.D	12/23/16	07:52	00:34	Initial cal 80
E6P1535-ICC1535	6P33283.D	12/23/16	08:15	00:57	Initial cal 50
E6P1535-IC1535	6P33284.D	12/23/16	08:38	01:20	Initial cal 25
E6P1535-IC1535	6P33285.D	12/23/16	09:01	01:43	Initial cal 10
E6P1535-IC1535	6P33286.D	12/23/16	09:25	02:07	Initial cal 5
E6P1535-IC1535	6P33287.D	12/23/16	09:48	02:30	Initial cal 2
E6P1535-IC1535	6P33288.D	12/23/16	10:12	02:54	Initial cal 1
E6P1535-ICV1535	6P33289.D	12/23/16	10:35	03:17	Initial cal verification 50
E6P1535-ICV1535	6P33290.D	12/23/16	10:58	03:40	Initial cal verification 50
E6P1535-ICV1535	6P33293.D	12/23/16	12:08	04:50	Initial cal verification 50
E6P1535-ICV1534	6P33295.D	12/23/16	12:55	05:37	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample: E6P1542-DFTPP
Lab File ID: 6P33465.D
Instrument ID: GCMS6P
Injection Date: 12/28/16
Injection Time: 13:37

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	263380	36.0		Pass
68	Less than 2.0% of mass 69	4730	0.65	(1.28) [a]	Pass
69	Mass 69 relative abundance	368434	50.3		Pass
70	Less than 2.0% of mass 69	1820	0.25	(0.49) [a]	Pass
127	40.0 - 60.0% of mass 198	356583	48.7		Pass
197	Less than 1.0% of mass 198	5610	0.77		Pass
198	Base peak, 100% relative abundance	732346	100.0		Pass
199	5.0 - 9.0% of mass 198	51653	7.05		Pass
275	10.0 - 30.0% of mass 198	190912	26.1		Pass
365	1.0 - 100.0% of mass 198	27029	3.69		Pass
441	Present, but less than mass 443	81629	11.1	(73.5) [b]	Pass
442	40.0 - 100.0% of mass 198	557482	76.1		Pass
443	17.0 - 23.0% of mass 442	111008	15.2	(19.9) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P1542-CC1534	6P33466.D	12/28/16	13:58	00:21	Continuing cal 50
E6P1542-CC1535	6P33467.D	12/28/16	14:24	00:47	Continuing cal 50
OP99456-MB1	6P33469.D	12/28/16	15:29	01:52	Method Blank
OP99456-BS1	6P33470.D	12/28/16	15:53	02:16	Blank Spike
OP99330A-MB1	6P33471.D	12/28/16	16:18	02:41	Method Blank
ZZZZZZ	6P33472.D	12/28/16	16:43	03:06	(unrelated sample)
OP99469-MB1	6P33474.D	12/28/16	17:32	03:55	Method Blank
OP99480-MB1	6P33475.D	12/28/16	17:56	04:19	Method Blank
OP99481-MB1	6P33475.D	12/28/16	17:56	04:19	Method Blank
JC34106-10	6P33476.D	12/28/16	18:21	04:44	(used for QC only; not part of job JC34162)
ZZZZZZ	6P33477.D	12/28/16	18:45	05:08	(unrelated sample)
ZZZZZZ	6P33478.D	12/28/16	19:10	05:33	(unrelated sample)
OP99456-MS	6P33479.D	12/28/16	19:34	05:57	Matrix Spike
OP99456-MSD	6P33480.D	12/28/16	19:59	06:22	Matrix Spike Duplicate
JC33987-12	6P33481.D	12/28/16	20:24	06:47	(used for QC only; not part of job JC34162)
ZZZZZZ	6P33482.D	12/28/16	20:48	07:11	(unrelated sample)
ZZZZZZ	6P33483.D	12/28/16	21:13	07:36	(unrelated sample)

Semivolatile Surrogate Recovery Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Method: SW846 8270D **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JC34162-1	2M90333.D	43	28	82	61	66	90
OP99481-BS1	2M90210.D	53	37	87	66	80	92
OP99481-BS2	2M90232.D	44	32	71	54	67	79
OP99481-LB10	2M90208.D	48	31	73	68	70	94
OP99481-LS6	2M90213.D	54	40	89	65	82	92
OP99481-MB1	2M90207.D	50	31	76	68	70	97
OP99481-MB1	6P33475.D	51	33	83	76	73	92
OP99481-MB2	2M90229.D	34	23	62	47	50	86
OP99481-MS	2M90213.D	54	40	89	65	82	92
OP99481-MSD	2M90214.D	50	35	81	61	76	89

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	14-88%
S2 = Phenol-d5	10-110%
S3 = 2,4,6-Tribromophenol	39-149%
S4 = Nitrobenzene-d5	32-128%
S5 = 2-Fluorobiphenyl	35-119%
S6 = Terphenyl-d14	10-126%

Semivolatile Surrogate Recovery Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Method: SW846 8270D BY SIM **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
JC34162-2	4M69414.D	25	6* [a]	5* [a]
JC34162-2	3M67794.D	89	48	35
OP99513A-BS12	4M69375.D	64	73	108
OP99513A-MB1	4P20488A.D	82	52	86
OP99513A-MB1	4M69342.D	63	59	91
OP99513A-MS	4M69387.D	63	58	80
OP99513A-MSD	4M69412.D	78	68	81

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	24-125%
S2 = 2-Fluorobiphenyl	19-127%
S3 = Terphenyl-d14	10-119%

(a) Outside in house control limits biased low. The results confirmed by re-extraction outside the holding time.

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99483-MB1	3G105113.D	1	12/28/16	VDT	12/27/16	OP99483	G3G3677

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.50	0.39	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.15	0.047	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	82%	50-142%
19719-28-9	2,4-DCAA	76%	50-142%

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99485-MB1	6G42718.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.010	0.0028	ug/l	
12789-03-6	Chlordane	ND	0.50	0.11	ug/l	
72-20-8	Endrin	ND	0.010	0.0050	ug/l	
76-44-8	Heptachlor	ND	0.010	0.0038	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.010	0.0065	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0057	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.18	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	96%	30-137%
877-09-8	Tetrachloro-m-xylene	91%	30-137%
2051-24-3	Decachlorobiphenyl	103%	10-137%
2051-24-3	Decachlorobiphenyl	89%	10-137%

Method Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99485-MB2	6G42721.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.010	0.0028	ug/l	
12789-03-6	Chlordane	ND	0.50	0.11	ug/l	
72-20-8	Endrin	ND	0.010	0.0050	ug/l	
76-44-8	Heptachlor	ND	0.010	0.0038	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.010	0.0065	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0057	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.18	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	119%	30-137%
877-09-8	Tetrachloro-m-xylene	115%	30-137%
2051-24-3	Decachlorobiphenyl	99%	10-137%
2051-24-3	Decachlorobiphenyl	91%	10-137%

Leachate Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99483-LB10	3G105128.D	1	12/28/16	VDT	12/27/16	OP99483	G3G3677

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	5.0	3.9	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	1.5	0.47	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	108%	50-142%
19719-28-9	2,4-DCAA	96%	50-142%

Leachate Blank Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99485-LB10	6G42738.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34162-1

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.10	0.028	ug/l	
12789-03-6	Chlordane	ND	5.0	1.1	ug/l	
72-20-8	Endrin	ND	0.10	0.050	ug/l	
76-44-8	Heptachlor	ND	0.10	0.038	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.10	0.065	ug/l	
72-43-5	Methoxychlor	ND	0.20	0.057	ug/l	
8001-35-2	Toxaphene	ND	2.5	1.8	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	87%	30-137%
877-09-8	Tetrachloro-m-xylene	79%	30-137%
2051-24-3	Decachlorobiphenyl	95%	10-137%
2051-24-3	Decachlorobiphenyl	86%	10-137%

Blank Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99483-BS1	3G105114.D	1	12/28/16	VDT	12/27/16	OP99483	G3G3677

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34162-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
94-75-7	2,4-D	20	16.6	83	46-153
93-72-1	2,4,5-TP (Silvex)	4	3.2	80	57-151

CAS No.	Surrogate Recoveries	BSP	Limits
19719-28-9	2,4-DCAA	93%	50-142%
19719-28-9	2,4-DCAA	90%	50-142%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99485-BS1	6G42719.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34162-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
58-89-9	gamma-BHC (Lindane)	2.5	2.8	112	37-178
72-20-8	Endrin	2.5	2.9	116	45-182
76-44-8	Heptachlor	2.5	2.7	108	26-172
1024-57-3	Heptachlor epoxide	2.5	2.9	116	43-173
72-43-5	Methoxychlor	2.5	2.6	104	40-192

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	100%	30-137%
877-09-8	Tetrachloro-m-xylene	96%	30-137%
2051-24-3	Decachlorobiphenyl	112%	10-137%
2051-24-3	Decachlorobiphenyl	97%	10-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99485-BS2	6G42722.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34162-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
58-89-9	gamma-BHC (Lindane)	2.5	2.2	88	37-178
72-20-8	Endrin	2.5	2.4	96	45-182
76-44-8	Heptachlor	2.5	2.3	92	26-172
1024-57-3	Heptachlor epoxide	2.5	2.3	92	43-173
72-43-5	Methoxychlor	2.5	2.1	84	40-192

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	86%	30-137%
877-09-8	Tetrachloro-m-xylene	84%	30-137%
2051-24-3	Decachlorobiphenyl	50%	10-137%
2051-24-3	Decachlorobiphenyl	48%	10-137%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99483-MS	3G105120.D	1	12/28/16	VDT	12/27/16	OP99483	G3G3677
OP99483-MSD	3G105121.D	1	12/28/16	VDT	12/27/16	OP99483	G3G3677
JC34141-2	3G105117.D	1	12/28/16	VDT	12/27/16	OP99483	G3G3677

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34162-1

CAS No.	Compound	JC34141-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
94-75-7	2,4-D	ND		20	22.3	112	20	22.9	115	3	43-136/44
93-72-1	2,4,5-TP (Silvex)	ND		4	3.6	90	4	3.9	98	8	47-141/41

CAS No.	Surrogate Recoveries	MS	MSD	JC34141-2	Limits
19719-28-9	2,4-DCAA	86%	89%	90%	50-142%
19719-28-9	2,4-DCAA	93%	96%	79%	50-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99485-MS	6G42729.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214
OP99485-MSD	6G42730.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214
JC34141-1	6G42728.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34162-1

CAS No.	Compound	JC34141-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
58-89-9	gamma-BHC (Lindane)	ND		2.5	2.9	116	2.5	2.6	104	11	39-160/97
12789-03-6	Chlordane	ND			ND			ND		nc	81-123/10
72-20-8	Endrin	ND		2.5	3.1	124	2.5	2.8	112	10	43-169/95
76-44-8	Heptachlor	ND		2.5	2.8	112	2.5	2.2	88	24	35-152/102
1024-57-3	Heptachlor epoxide	ND		2.5	3.1	124	2.5	2.8	112	10	42-159/96
72-43-5	Methoxychlor	ND		2.5	2.7	108	2.5	2.4	96	12	47-170/99
8001-35-2	Toxaphene	ND			ND			ND		nc	50-150/8

CAS No.	Surrogate Recoveries	MS	MSD	JC34141-1	Limits
877-09-8	Tetrachloro-m-xylene	99%	89%	94%	30-137%
877-09-8	Tetrachloro-m-xylene	93%	84%	88%	30-137%
2051-24-3	Decachlorobiphenyl	133%	121%	112%	10-137%
2051-24-3	Decachlorobiphenyl	112%	105%	96%	10-137%

* = Outside of Control Limits.

Leachate Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99483-LS5	3G105120.D	1	12/28/16	VDT	12/27/16	OP99483	G3G3677
JC34141-2	3G105117.D	1	12/28/16	VDT	12/27/16	OP99483	G3G3677

The QC reported here applies to the following samples: **Method:** SW846 8151

JC34162-1

CAS No.	Compound	JC34141-2 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
94-75-7	2,4-D	ND		20	22.3	112	43-136
93-72-1	2,4,5-TP (Silvex)	ND		4	3.6	90	47-141

CAS No.	Surrogate Recoveries	LS	JC34141-2	Limits
19719-28-9	2,4-DCAA	86%	90%	50-142%
19719-28-9	2,4-DCAA	93%	79%	50-142%

* = Outside of Control Limits.

Leachate Spike Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP99485-LS5	6G42729.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214
JC34141-1	6G42728.D	1	12/28/16	KD	12/27/16	OP99485	G6G1214

The QC reported here applies to the following samples: **Method:** SW846 8081B

JC34162-1

CAS No.	Compound	JC34141-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
58-89-9	gamma-BHC (Lindane)	ND		2.5	2.9	116	39-160
12789-03-6	Chlordane	ND			ND		81-123
72-20-8	Endrin	ND		2.5	3.1	124	43-169
76-44-8	Heptachlor	ND		2.5	2.8	112	35-152
1024-57-3	Heptachlor epoxide	ND		2.5	3.1	124	42-159
72-43-5	Methoxychlor	ND		2.5	2.7	108	47-170
8001-35-2	Toxaphene	ND			ND		50-150

CAS No.	Surrogate Recoveries	LS	JC34141-1	Limits
877-09-8	Tetrachloro-m-xylene	99%	94%	30-137%
877-09-8	Tetrachloro-m-xylene	93%	88%	30-137%
2051-24-3	Decachlorobiphenyl	133%	112%	10-137%
2051-24-3	Decachlorobiphenyl	112%	96%	10-137%

* = Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Method: SW846 8151 **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]
JC34162-1	3G105125.D	89	86
OP99483-BS1	3G105114.D	93	90
OP99483-LB10	3G105128.D	108	96
OP99483-LS5	3G105120.D	86	93
OP99483-MB1	3G105113.D	82	76
OP99483-MS	3G105120.D	86	93
OP99483-MSD	3G105121.D	89	96

Surrogate Compounds	Recovery Limits
S1 = 2,4-DCAA	50-142%

(a) Recovery from GC signal #2
(b) Recovery from GC signal #1

Semivolatile Surrogate Recovery Summary

Job Number: JC34162
Account: TTPAL Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Method: SW846 8081B **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JC34162-1	6G42733.D	115	97	129	92
OP99485-BS1	6G42719.D	100	96	112	97
OP99485-BS2	6G42722.D	86	84	50	48
OP99485-LB10	6G42738.D	87	79	95	86
OP99485-LS5	6G42729.D	99	93	133	112
OP99485-MB1	6G42718.D	96	91	103	89
OP99485-MB2	6G42721.D	119	115	99	91
OP99485-MS	6G42729.D	99	93	133	112
OP99485-MSD	6G42730.D	89	84	121	105

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-137%
S2 = Decachlorobiphenyl	10-137%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97814 Methods: SW846 7470A
Matrix Type: LEACHATE Units: mg/l

Prep Date: 12/23/16

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.00008	.000047	0.000080	<0.00020

Associated samples MP97814: JC34162-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97814 Methods: SW846 7470A
Matrix Type: LEACHATE Units: mg/l

Prep Date: 12/23/16

Metal	JC34117-1B Original	MS	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.0	0.0021	0.0020	105.0	75-125

Associated samples MP97814: JC34162-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97814 Methods: SW846 7470A
Matrix Type: LEACHATE Units: mg/l

Prep Date: 12/23/16

Metal	JC34117-1B Original	MSD	Spikelot HGPW3	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.0020	0.0020	100.0	4.9	20

Associated samples MP97814: JC34162-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97814
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 12/23/16

Metal	BSP Result	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.0020	0.0020	100.0	80-120

Associated samples MP97814: JC34162-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 12/23/16

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1.0	.099	.1		
Antimony	0.50	.006	.017		
Arsenic	0.50	.0075	.011	0.0044	<0.50
Barium	1.0	.0025	.002	0.0033	<1.0
Beryllium	0.025	.0015	.0015		
Bismuth	0.10	.012	.015		
Boron	0.50	.0095	.02		
Cadmium	0.025	.001	.002	0.0013	<0.025
Calcium	10	.041	.17		
Chromium	0.050	.003	.004	0.0042	<0.050
Cobalt	0.25	.001	.0035		
Copper	0.050	.004	.012		
Iron	0.50	.045	.062		
Lead	0.50	.005	.012	-0.0047	<0.50
Lithium	0.10	.015	.02		
Magnesium	10	.44	.42		
Manganese	0.075	.0005	.002		
Molybdenum	0.10	.0015	.0045		
Nickel	0.050	.002	.004		
Palladium	0.25	.011	.019		
Potassium	10	.39	.58		
Selenium	0.50	.013	.021	-0.011	<0.50
Silicon	1.0	.013	.14		
Silver	0.050	.0035	.0045	0.0064	<0.050
Strontium	0.050	.001	.001		
Sulfur	0.25	.024	.035		
Thallium	0.50	.006	.0095		
Tin	0.050	.0025	.012		
Titanium	0.050	.0035	.005		
Tungsten	0.25	.0055	.016		
Vanadium	0.25	.0025	.0035		
Zinc	0.10	.0005	.0065		
Zirconium	0.050	.0015	.0045		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819 Methods: SW846 6010C
Matrix Type: LEACHATE Units: mg/l

Prep Date: 12/23/16

Metal	RL	IDL	MDL	MB raw	final

Associated samples MP97819: JC34162-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 12/23/16

Metal	JC34117-1B Original	MS	Spikelot MPSPK1	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.33	2.2	2.0	93.5	75-125
Barium	0.46	2.3	2.0	92.0	75-125
Beryllium					
Bismuth					
Boron					
Cadmium	0.0024	2.0	2.0	99.9	75-125
Calcium					
Chromium	0.0077	1.9	2.0	94.6	75-125
Cobalt					
Copper	anr				
Iron					
Lead	0.39	2.4	2.0	100.5	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel	anr				
Palladium					
Potassium					
Selenium	0.0	1.9	2.0	95.0	75-125
Silicon					
Silver	0.0041	0.24	0.25	94.4	75-125
Sodium					
Strontium					
Sulfur					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc	anr				

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 12/23/16

Metal	JC34117-1B Original MS	Spikelot MPSPK1	% Rec	QC Limits
Zirconium				

Associated samples MP97819: JC34162-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 12/23/16

Metal	JC34117-1B Original	MSD	Spikelot MPSPK1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.33	2.2	2.0	93.5	0.0	20
Barium	0.46	2.3	2.0	92.0	0.0	20
Beryllium						
Bismuth						
Boron						
Cadmium	0.0024	2.0	2.0	99.9	0.0	20
Calcium						
Chromium	0.0077	1.9	2.0	94.6	0.0	20
Cobalt						
Copper	anr					
Iron						
Lead	0.39	2.3	2.0	95.5	4.3	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel	anr					
Palladium						
Potassium						
Selenium	0.0	1.9	2.0	95.0	0.0	20
Silicon						
Silver	0.0041	0.24	0.25	94.4	0.0	20
Sodium						
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc	anr					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819 Methods: SW846 6010C
Matrix Type: LEACHATE Units: mg/l

Prep Date: 12/23/16

Metal	JC34117-1B Original MSD	Spikelot MPSPK1	% Rec	MSD RPD	QC Limit
Zirconium					

Associated samples MP97819: JC34162-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 12/23/16

Metal	BSP Result	Spikelot MPSPK1	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	1.9	2.0	95.0	80-120
Barium	1.9	2.0	95.0	80-120
Beryllium				
Bismuth				
Boron				
Cadmium	2.0	2.0	100.0	80-120
Calcium				
Chromium	1.9	2.0	95.0	80-120
Cobalt				
Copper	anr			
Iron				
Lead	2.0	2.0	100.0	80-120
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Palladium				
Potassium				
Selenium	1.9	2.0	95.0	80-120
Silicon				
Silver	0.24	0.25	96.0	80-120
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc	anr			
Zirconium				

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 12/23/16

Metal	BSP Result	Spikelot MPSPK1	% Rec	QC Limits

Associated samples MP97819: JC34162-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/23/16

Metal	JC34117-1B Original	SDL 5:25	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	327	356	8.9	0-10
Barium	456	454	0.5	0-10
Beryllium				
Bismuth				
Boron				
Cadmium	2.40	6.10	154.2(a)	0-10
Calcium				
Chromium	7.70	0.00	100.0(a)	0-10
Cobalt				
Copper	anr			
Iron				
Lead	389	378	2.8	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Palladium				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	4.10	20.9	409.8(a)	0-10
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc	anr			

SERIAL DILUTION RESULTS SUMMARY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

QC Batch ID: MP97819 Methods: SW846 6010C
Matrix Type: LEACHATE Units: ug/l

Prep Date: 12/23/16

Metal	JC34117-1B Original SDL 5:25 %DIF	QC Limits
Zirconium		

Associated samples MP97819: JC34162-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Cyanide Reactivity	GP2336/GN57568	10	0.0	mg/kg	100	4.35	4.3	.5-25%
Sulfide Reactivity	GP2335/GN57444	100	0.0	mg/kg	420	280	66.7	42-112%

Associated Samples:
Batch GP2335: JC34162-1
Batch GP2336: JC34162-1
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Corrosivity as pH	GN57562	JC34178-2	su	7.39	7.22	2.3	0-6%
Cyanide Reactivity	GP2336/GN57489	JC34117-1B	mg/kg	0.0	0.0	0.0	0-20%
Ignitability (Flashpoint)	GN57587	JC34162-1	Deg. F	>200	>200	0.0	0-20%
Sulfide Reactivity	GP2335/GN57444	JC34117-1B	mg/kg	0.00	0.00	0.0	0-20%

Associated Samples:
Batch GP2335: JC34162-1
Batch GP2336: JC34162-1
Batch GN57562: JC34162-1
Batch GN57587: JC34162-1
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JC34162
Account: TTPAL - Tetra Tech EC Inc.
Project: Hoff VC PADEP, 334 Layfield Road, Perkiomenville, PA

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Sulfide Reactivity	GP2335/GN57444	JC34117-1B	mg/kg	0.00	600	142	23.7	.5-76%

Associated Samples:
Batch GP2335: JC34162-1
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

APPENDIX C

COLLECTOI	SEQUENCE	DATE_COLLECT	TIME_COLI	STANDARI	SAMPLE_N	SAMPLE_N	LOCATION	ADDRESS_I	LAB_SAMP	CHEMICAL_ABSTRACT_CODE	ANALYTE_;	READING_INDICATOR_(	FINAL_AMOUNT	FINAL_AMOUNT_UNITS_A	QUALITY_(	DATE_ANA	DATE_VER	DILUTION_	VOID_SAM	FREE_FORI	STANDARD_COMMENT_DESC
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	207089	Benzo(k)fluoranthene		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	218019	Chrysene		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	298044	Disulfoton		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	319857	beta-BHC		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7440473	Chromium		58	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	51218452	Metolachlor		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	51877748	trans-Permethrin		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	54774457	cis-Permethrin		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	75014	Chloroethene (vinyl chloride)		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	10061015	cis-1,3-Dichloropropene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	101553	4-Bromophenyl-phenyl ether		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	103651	n-Propylbenzene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	106467	1,4-Dichlorobenzene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	106467	1,4-Dichlorobenzene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	108054	Vinyl Acetate		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	108883	Toluene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	117840	Di-n-octylphthalate		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	120821	1,2,4-Trichlorobenzene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	120821	1,2,4-Trichlorobenzene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	74975	Bromochloromethane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	75150	Carbon Disulfide		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	75694	Trichlorofluoromethane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	79005	1,1,2-Trichloroethane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	85687	Butylbenzylphthalate		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	105955956	N-Nitrosomethylethylamine		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	109068	2-Picoline (2-Methylpyridine)		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	120581	Isosafrole		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	126681	O,O,O-Triethylphosphorothioate		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	1888717	Hexachloropropene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	297972	Thionazine		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	3689245	Sulfotep		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	53963	2-Acetylaminofluorene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	58902	2,3,4,6-Tetrachlorophenol		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	60117	Dimethylaminoazobenzene		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	608935	Pentachlorobenzene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	66273	Methyl Methanesulfonate		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	82688	Pentachloronitrobenzene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	924163	N-Nitrosodibutylamine		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	930552	N-Nitrosopyrrolidine		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	98862	Acetophenone		1.2	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	205992	Benzo(b)fluoranthene		0.29	MG/KG	U	########	########	1			Includes benzo(j)fluoranthene
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	98953	Nitrobenzene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	124481	Dibromochloromethane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	87683	Hexachlorobutadiene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	87683	Hexachlorobutadiene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	88744	2-Nitroaniline		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	91203	Naphthalene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	91203	Naphthalene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	95476	o-Xylene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	95578	2-Chlorophenol		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	959988	Endosulfan I		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	99650	1,3-Dinitrobenzene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	87616	1,2,3-Trichlorobenzene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	91941	3,3'-Dichlorobenzidine		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	95501	1,2-Dichlorobenzene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	95501	1,2-Dichlorobenzene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	95954	2,4,5-Trichlorophenol		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	21725462	Cyanazine		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	2675776	Chlorneb		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	298000	Methyl Parathion		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	319846	alpha-BHC		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	71432	Benzene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	510156	Chlorobenzilate		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	510156	Chlorobenzilate		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	5103719	alpha-Chlordane		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	53494705	Endrin Ketone		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	56235	Carbon Tetrachloride		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	1634044	Methyl Tert-Butyl Ether		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	129000	Pyrene		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	193395	Indeno-1,2,3-cd-pyrene		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	2108649	Metribuzin		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	23950585	Pronamide		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	2921882	Dursban		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	33213659	Endosulfan II		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	50293	4,4'-DDT		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	51285	2,4-Dinitrophenol		5.8	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	53703	Dibenzo(a,h)anthracene		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7429905	Aluminum		35558	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032436		Acidity		0	Each		########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	1330207	Total Xylenes		0	UG/KG		########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	100027	4-Nitrophenol		2.9	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	100425	Styrene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	100516	Benzyl alcohol		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	10061026	trans-1,3-Dichloropropene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	1024573	Heptachlor Epoxide		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	104518	n-Butylbenzene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	106478	4-Chloroaniline		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	108861	Bromobenzene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	108907	Chlorobenzene		139	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	109999	Tetrahydrofuran		139	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	111444	bis(2-Chloroethyl)ether		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	111911	bis(2-Chloroethoxy)methane		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	117817	bis(2-Ethylhexyl)phthalate		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	118741	Hexachlorobenzene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	118741	Hexachlorobenzene		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	120832	2,4-Dichlorophenol		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	56382	Ethyl Parathion		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	56553	Benzo(a)anthracene		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	591786	2-Hexanone		347	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	59507	4-Chloro-3-methylphenol		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	60571	Dieldrin		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	621647	N-Nitrosodipropylamine		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	630206	1,1,1,2-Tetrachloroethane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	67663	Chloroform		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	7005723	4-Chlorophenyl-phenyl ether		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	72208	Endrin		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	72548	4,4'-DDD		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	7421934	Endrin Aldehyde		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	74953	Dibromomethane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	75252	Bromoform		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	75354	1,1-Dichloroethene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	75718	Dichlorodifluoromethane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7440-42-8	Boron		23.5	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	77474	Hexachlorocyclopentadiene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	77474	Hexachlorocyclopentadiene		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	78591	Isophorone		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	83329	Acenaphthene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	84662	Diethylphthalate		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	85018	Phenanthrene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	156592	cis-1,2-Dichloroethene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	1582098	Trifluralin		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	15972608	Alachlor		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	1861321	DCPA		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	1897456	Chlorothalonil		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	191242	Benzo(g,h,i)perylene		0.29	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032436		Moisture		14.8	%		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032436		Solids		85.2	%		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7440097	Potassium		2697	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7439954	Magnesium		18791	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7440235	Sodium		528	MG/KG		########	########	1			ICV Standard failed low. (passing = 90-110%. Actual recovery 85.3%
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7439896	Iron		49924	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7439965	Manganese		825	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7440702	Calcium		5939	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7440508	Copper		254	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7439976	Mercury	<	0.117	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7440393	Barium		79.5	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7440666	Zinc		86.6	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B		I2017032(	7440622	Vanadium		76.7	MG/KG		########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	100016	4-Nitroaniline		0.58	MG/KG	U	########	########	1			Continuing calibration recoveries low. Results and/or reporting limi
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	1031078	Endosulfan Sulfate		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	105679	2,4-Dimethylphenol		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	108678	1,3,5-Trimethylbenzene		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	108952	Phenol		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	120127	Anthracene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	121142	2,4-Dinitrotoluene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	594207	2,2-Dichloropropane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	606202	2,6-Dinitrotoluene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	62533	Aniline		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	62759	N-Nitrosodimethylamine		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	67641	Acetone		693	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	67721	Hexachloroethane		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	72435	Methoxychlor		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	75274	Bromodichloromethane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B		O2017008(	76448	Heptachlor		10	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B		O2017008(	79345	1,1,2,2-Tetrachloroethane		69.3	UG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	84742	Di-n-butylphthalate		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B		O2017008(	86737	Fluorene		0.58	MG/KG	U	########	########	1			
2166	901	12/11/2017	13:20	SV-S

2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	59892	N-Nitrosomorpholine	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	60515	Dimethoate	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	62500	Ethyl methanesulfonate	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	76017	Pentachlorethane	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	87650	2,6-Dichlorophenol	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	92671	4-Aminobiphenyl	0.58	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	94597	Safrole	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	95943	1,2,4,5-Tetrachlorobenzene	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	99558	5-Nitro-o-toluidine	0.58	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	96184	1,2,3-Trichloropropane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	99876	4-Isopropyltoluene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	88062	2,4,6-Trichlorophenol	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	88857	Dinoseb	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	91587	2-Chloronaphthalene	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	95498	o-Chlorotoluene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	208968	Acenaphthylene	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B	O20170080	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B	O20170080	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B	O20170080	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	50328	Benzo(a)pyrene	0.29	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B	O20170080	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	541731	1,3-Dichlorobenzene	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	541731	1,3-Dichlorobenzene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	106934	1,2-Dibromoethane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	98566	PCTFB	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	87865	Pentachlorophenol	1.2	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	88755	2-Nitrophenol	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	91576	2-Methylnaphthalene	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	95487	2-Methylphenol	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	95636	1,2,4-Trimethylbenzene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	96128	1,2-Dibromo-3-chloropropane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	131113	Dimethylphthalate	0.58	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B	O20170080	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	206440	Fluoranthene	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	99092	3-Nitroaniline	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	36	Prep	0			########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	100414	Ethylbenzene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	106434	p-Chlorotoluene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	108101	MIBK	347	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	108383	m/p-Xylene	139	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	127184	Tetrachloroethene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	132649	Dibenzofuran	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	135988	Sec-Butylbenzene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	142289	1,3-Dichloropropane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	156605	trans-1,2-Dichloroethene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	534521	4,6-Dinitro-2-methylphenol	1.2	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	563586	1,1-Dichloropropene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B	O20170080	58899	Lindane	10	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	71556	1,1,1-Trichloroethane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B	O20170080	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	74839	Bromomethane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	74873	Chloromethane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	75003	Chloroethane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	75092	Methylene Chloride	139	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	75343	1,1-Dichloroethane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	78875	1,2-Dichloropropane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	78933	MEK	347	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	79016	Trichloroethene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	TCXSW	Soil	Soil	Hoff H1B	O20170080	8001352	Toxaphene	0.0998	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	95534	o-Toluidine	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	98066	Tert-Butylbenzene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	98828	Isopropylbenzene	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	107062	1,2-Dichloroethane	69.3	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	1319773	3&4-Methylphenol	1.2	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	75650	t-Butyl alcohol	693	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	98555	a-Terpineol	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	540885	tert-Butyl Acetate	347	UG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	DIOXA	Soil	Soil	Hoff H1B	O20170080	123911	1,4-Dioxane	54.8	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	36	Weight	0.5	GRAMS		########	########	1	
2166	901	12/11/2017	13:20	TCXSW	Soil	Soil	Hoff H1B	O20170080	746	EXTRACTED DATE	12152017	Day		########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	730	EXTRACTED DATE	12182017	Day		########	########	1	
2166	901	12/11/2017	13:20	DIOXA	Soil	Soil	Hoff H1B	O20170080	722	EXTRACTED DATE	12122017	Day		########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	714	EXTRACTED DATE	12122017	Day		########	########	1	
2166	901	12/11/2017	13:20	PSTSW	Soil	Soil	Hoff H1B	O20170080	738	EXTRACTED DATE	12152017	Day		########	########	1	
2166	901	12/11/2017	13:20	DIOXA	Soil	Soil	Hoff H1B	O20170080	722	EXTRACTED TIME	1008	Hr		########	########	1	
2166	901	12/11/2017	13:20	VOASW	Soil	Soil	Hoff H1B	O20170080	714	EXTRACTED TIME	853	Hr		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	7440224	Silver	< 0.587	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	7440439	Cadmium	< 0.587	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	7439921	Lead	9.62	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	7440360	Antimony	< 1.17	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	7440382	Arsenic	9.51	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	7782492	Selenium	< 4.11	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	7440-28-0	Thallium	< 1.17	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	7440417	Beryllium	2.64	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	36	Cobalt Compounds	19.4	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	503	Soil	Soil	Hoff H1B	I20170324	7440020	Nickel	41.8	MG/KG		########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	90120	1-Methylnaphthalene	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	90131	1-Chloronaphthalene	0.58	MG/KG	U	########	########	1	
2166	901	12/11/2017	13:20	SV-SW	Soil	Soil	Hoff H1B	O20170080	108-60-1	2,2'-oxybis(1-Chloropropane)	0.58	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	207089	Benzo(k)fluoranthene	0.3	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	218019	Chrysene	0.3	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	298044	Disulfoton	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	319857	beta-BHC	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I20170324	7440473	Chromium	78.9	MG/KG		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	51218452	Metolachlor	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	51877748	trans-Permethrin	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	54774457	cis-Permethrin	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	75014	Chloroethene (vinyl chloride)	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	10061015	cis-1,3-Dichloropropene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	101553	4-Bromophenyl-phenyl ether	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	103651	n-Propylbenzene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	106467	1,4-Dichlorobenzene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	106467	1,4-Dichlorobenzene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	108054	Vinyl Acetate	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	108883	Toluene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	117840	Di-n-octylphthalate	0.3	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	120821	1,2,4-Trichlorobenzene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	120821	1,2,4-Trichlorobenzene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	74975	Bromochloromethane	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	75150	Carbon Disulfide	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	75694	Trichlorofluoromethane	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	79005	1,1,2-Trichloroethane	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	85687	Butylbenzylphthalate	0.3	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	10595956	N-Nitrosomethylethylamine	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	109068	2-Picoline (2-Methylpyridine)	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	120581	Isosafrole	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	126681	O,O,O-Triethylphosphorothioate	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	1888717	Hexachloropropene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	297972	Thionazine	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	3689245	Sulfotep	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	53963	2-Acetylaminofluorene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	58902	2,3,4,6-Tetrachlorophenol	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	60117	Dimethylaminoazobenzene	0.3	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	608935	Pentachlorobenzene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	66273	Methyl Methanesulfonate	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	82688	Pentachloronitrobenzene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	924163	N-Nitrosodibutylamine	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	930552	N-Nitrosopyrrolidine	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	98862	Acetophenone	1.2	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	205992	Benzo(b)fluoranthene	0.3	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	98953	Nitrobenzene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	124481	Dibromochloromethane	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	87683	Hexachlorobutadiene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	87683	Hexachlorobutadiene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	88744	2-Nitroaniline	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	91203	Naphthalene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	91203	Naphthalene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	95476	o-Xylene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	95578	2-Chlorophenol	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	959988	Endosulfan I	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	99650	1,3-Dinitrobenzene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	87616	1,2,3-Trichlorobenzene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	91941	3,3'-Dichlorobenzidine	0.3	MG/KG	U	########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	95501	1,2-Dichlorobenzene	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	95501	1,2-Dichlorobenzene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	95954	2,4,5-Trichlorophenol	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	21725462	Cyanazine	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	2675776	Chlorneb	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	298000	Methyl Parathion	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	319846	alpha-BHC	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	71432	Benzene	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	510156	Chlorobenzilate	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	510156	Chlorobenzilate	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	56235	Carbon Tetrachloride	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O20170080	1634044	Methyl Tert-Butyl Ether	61.2	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	129000	Pyrene	0.3	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	193395	Indeno-1,2,3-cd-pyrene	0.3	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	21087649	Metribuzin	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	23950585	Pronamide	0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	2921882	Dursban	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	33213659	Endosulfan II	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O20170080	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170080	51285	2,4-Dinitrophenol	6	MG/KG	U	########	########	1	
2166	902	12/11

2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032437		Acidity		0	Each			########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	1330207	Total Xylenes		0	UG/KG			########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	100027	4-Nitrophenol		3	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	100425	Styrene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	100516	Benzyl alcohol		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	10061026	trans-1,3-Dichloropropene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	1024573	Heptachlor Epoxide		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	104518	n-Butylbenzene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	106478	4-Chloroaniline		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	108861	Bromobenzene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	108907	Chlorobenzene		122	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	109999	Tetrahydrofuran		122	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	111444	bis(2-Chloroethyl)ether		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	111911	bis(2-Chloroethoxy)methane		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	117817	bis(2-Ethylhexyl)phthalate		0.3	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	118741	Hexachlorobenzene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	118741	Hexachlorobenzene		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	120832	2,4-Dichlorophenol		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	56382	Ethyl Parathion		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	56553	Benz(a)anthracene		0.3	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	591786	2-Hexanone		306	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	59507	4-Chloro-3-methylphenol		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	60571	Dieldrin		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	621647	N-Nitrosodipropylamine		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	630206	1,1,1,2-Tetrachloroethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	67663	Chloroform		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	7005723	4-Chlorophenyl-phenyl ether		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	72208	Endrin		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	72548	4,4'-DDD		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	7421934	Endrin Aldehyde		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	74953	Dibromomethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	75252	Bromoform		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	75354	1,1-Dichloroethene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	75718	Dichlorodifluoromethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032437	7440-42-8	Boron		23	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	77474	Hexachlorocyclopentadiene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	77474	Hexachlorocyclopentadiene		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	78591	Isophorone		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	83329	Acenaphthene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	84662	Diethylphthalate		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	85018	Phenanthrene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	156592	cis-1,2-Dichloroethene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	1582098	Trifluralin		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	15972608	Alachlor		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	1861321	PCPA		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	1897456	Chlorothalonil		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	191242	Benzo(g,h,i)perylene		0.3	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032437		Moisture		13.08	%			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032437		Solids		86.92	%			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7440097	Potassium		6471	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7439954	Magnesium		22078	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7440235	Sodium		867	MG/KG			########	########	1	ICV Standard failed low. (passing = 90-110%. Actual recovery 85.3%
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7439896	Iron		51651	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7439965	Manganese		1455	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7440702	Calcium		6414	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7440508	Copper		240	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7439976	Mercury	<	0.115	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7440393	Barium		114	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7440666	Zinc		56.3	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032(	7440622	Vanadium		134	MG/KG			########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	100016	4-Nitroaniline		0.6	MG/KG	U		########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	1031078	Endosulfan Sulfate		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	105679	2,4-Dimethylphenol		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	108678	1,3,5-Trimethylbenzene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	108952	Phenol		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	120127	Anthracene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	121142	2,4-Dinitrotoluene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	594207	2,2-Dichloropropane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	606202	2,6-Dinitrotoluene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	62533	Aniline		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	62759	N-Nitrosodimethylamine		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	67641	Acetone		612	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	67721	Hexachloroethane		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	72435	Methoxychlor		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	75274	Bromodichloromethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	76448	Heptachlor		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	79345	1,1,2,2-Tetrachloroethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	84742	Di-n-butylphthalate		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	86737	Fluorene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	100754	N-nitrosopiperidine		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	110861	Pyridine		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	122394	Diphenylamine		1.2	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	130154	1,4-Naphthoquinone		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	140578	Aramite		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	2303164	Diallate (Cis & Trans)		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	298022	Phorate		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	465736	Isodrin		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	55185	N-Nitrosodiethylamine		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	59892	N-Nitrosomorpholine		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	60515	Dimethoate		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	62500	Ethyl methanesulfonate		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	76017	Pentachloroethane		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	87650	2,6-Dichlorophenol		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	92671	4-Aminobiphenyl		0.6	MG/KG	U		########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	94597	Safrole		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	95943	1,2,4,5-Tetrachlorobenzene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	99558	5-Nitro-o-toluidine		0.6	MG/KG	U		########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	96184	1,2,3-Trichloropropane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	99876	4-Isopropyltoluene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	88062	2,4,6-Trichlorophenol		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	88857	Dinoseb		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	91587	2-Chloronaphthalene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	95498	o-Chlorotoluene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	208968	Acenaphthylene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	2593159	Etridiazole		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	309002	Aldrin		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	319868	delta-BHC		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	50328	Benzo(a)pyrene		0.3	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	5103742	gamma-Chlordane		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	541731	1,3-Dichlorobenzene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	541731	1,3-Dichlorobenzene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	106934	1,2-Dibromoethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	98566	PCTFB		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	87865	Pentachlorophenol		1.2	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	88755	2-Nitrophenol		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	91576	2-Methylnaphthalene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	95487	2-Methylphenol		0.6	MG/KG	U		########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	95636	1,2,4-Trimethylbenzene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	96128	1,2-Dibromo-3-chloropropane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	131113	Dimethylphthalate		0.6	MG/KG	U		########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	1918167	Propachlor		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	206440	Fluoranthene		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	99092	3-Nitroaniline		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032437		Prep		0				########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	100414	Ethylbenzene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	106434	p-Chlorotoluene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	108101	MIBK		306	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	108383	m/p-Xylene		122	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	127184	Tetrachloroethene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	132649	Dibenzofuran		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	135988	Sec-Butylbenzene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	142289	1,3-Dichloropropane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	156605	trans-1,2-Dichloroethene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	534521	4,6-Dinitro-2-methylphenol		1.2	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	563586	1,1-Dichloropropene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	58899	Lindane		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	71556	1,1,1-Trichloroethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008(	72559	4,4'-DDE		10	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	74839	Bromomethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	74873	Chloromethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	75003	Chloroethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	75092	Methylene Chloride		122	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	75343	1,1-Dichloroethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	78875	1,2-Dichloropropane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	78933	MEK		306	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	79016	Trichloroethene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	TCXSW	Soil	Soil	Hoff H1T	O2017008(	8001352	Toxaphene		0.1	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	95534	o-Toluidine		0.6	MG/KG	U		########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	98066	Tert-Butylbenzene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	98828	Isopropylbenzene		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	107062	1,2-Dichloroethane		61.2	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	1319773	3&4-Methylphenol		1.2	MG/KG	U		########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	75650	t-Butyl alcohol		612	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008(	98555	a-Terpineol		0.6	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008(	540885	tert-Butyl Acetate		306	UG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	DIOXA	Soil	Soil	Hoff H1T	O2017008(	123911	1,4-Dioxane		63.4	MG/KG	U		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I2017032437		Weight		0.5	GRAMS			########	########	1	
2166	902	12/11/2017	13:25	TCXSW	Soil	Soil	Hoff H1T	O2017008747		EXTRACTED DATE		12152017	Day			########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O2017008731		EXTRACTED DATE		12182017	Day			########	########	1	
2166	902	12/11/2017	13:25	DIOXA	Soil	Soil	Hoff H1T	O2017008723		EXTRACTED DATE		12122017	Day			########	########	1	
2166	902	12/11/2017	13:25	VOASW	Soil	Soil	Hoff H1T	O2017008715		EXTRACTED DATE		12122017	Day			########	########	1	
2166	902	12/11/2017	13:25	PSTSW	Soil	Soil	Hoff H1T	O2017008739		EXTRACTED DATE		12152017	Day			########	########	1	
2166	902	12/11/2017	13:25	DIOXA	Soil	Soil	Hoff H1T	O2

2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I20170324:	7440360	Antimony	<	1.15	MG/KG		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I20170324:	7440382	Arsenic		31.9	MG/KG		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I20170324:	7782492	Selenium	<	4.03	MG/KG		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I20170324:7440-28-0		Thallium	<	1.15	MG/KG		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I20170324:	7440417	Beryllium		2.42	MG/KG		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I20170324372		Cobalt Compounds		33.9	MG/KG		########	########	1	
2166	902	12/11/2017	13:25	503	Soil	Soil	Hoff H1T	I20170324:	7440020	Nickel		26.7	MG/KG		########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170081	90120	1-Methylnaphthalene		0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170081	90131	1-Chloronaphthalene		0.6	MG/KG	U	########	########	1	
2166	902	12/11/2017	13:25	SV-SW	Soil	Soil	Hoff H1T	O20170081		2,2'-oxybis(1-Chloropropane)		0.6	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	207089	Benzo(k)fluoranthene		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	218019	Chrysene		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	298044	Disulfoton		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	319857	beta-BHC		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7440473	Chromium		72.3	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	51218452	Metolachlor		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	51877748	trans-Permethrin		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	54774457	cis-Permethrin		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	75014	Chloroethene (vinyl chloride)		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	10061015	cis-1,3-Dichloropropene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	101553	4-Bromophenyl-phenyl ether		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	103651	n-Propylbenzene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	106467	1,4-Dichlorobenzene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	106467	1,4-Dichlorobenzene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	108054	Vinyl Acetate		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	108883	Toluene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	117840	Di-n-octylphthalate		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	120821	1,2,4-Trichlorobenzene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	120821	1,2,4-Trichlorobenzene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	74975	Bromochloromethane		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	75150	Carbon Disulfide		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	75694	Trichlorofluoromethane		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	79005	1,1,2-Trichloroethane		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	85687	Butylbenzylphthalate		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	10595956	N-Nitrosomethylethylamine		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	109068	2-Picoline (2-Methylpyridine)		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	120581	Isosafrole		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	126681	O,O,O-Triethylphosphorothioate		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	1888717	Hexachloropropene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	297972	Thionazine		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	3689245	Sulfotep		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	53963	2-Acetylaminofluorene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	58902	2,3,4,6-Tetrachlorophenol		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	60117	Dimethylaminoazobenzene		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	608935	Pentachlorobenzene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	66273	Methyl Methanesulfonate		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	82688	Pentachloronitrobenzene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	924163	N-Nitrosodibutylamine		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	930552	N-Nitrosopyrrolidine		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	98862	Acetophenone		1.2	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	205992	Benzo(b)fluoranthene		0.3	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	98953	Nitrobenzene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	124481	Dibromochloromethane		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	87683	Hexachlorobutadiene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	87683	Hexachlorobutadiene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	88744	2-Nitroaniline		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	91203	Naphthalene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	91203	Naphthalene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	95476	o-Xylene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	95578	2-Chlorophenol		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	959988	Endosulfan I		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	99650	1,3-Dinitrobenzene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	87616	1,2,3-Trichlorobenzene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	91941	3,3'-Dichlorobenzidine		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	95501	1,2-Dichlorobenzene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	95501	1,2-Dichlorobenzene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	95954	2,4,5-Trichlorophenol		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	2172462	Cyanazine		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	2675776	Chlorneb		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	298000	Methyl Parathion		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	319846	alpha-BHC		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	71432	Benzene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	510156	Chlorobenzilate		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	510156	Chlorobenzilate		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	5103719	alpha-Chlordane		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	53494705	Endrin Ketone		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	56235	Carbon Tetrachloride		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	1634044	Methyl Tert-Butyl Ether		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	129000	Pyrene		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	193395	Indeno-1,2,3-cd-pyrene		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	2108769	Metribuzin		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	23950585	Pronamide		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	2921882	Dursban		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	33213659	Endosulfan II		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	50293	4,4'-DDT		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	51285	2,4-Dinitrophenol		6.1	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	53703	Dibenzo(a,h)anthracene		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7429905	Aluminum		44496	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324438		Acidity		0	Each		########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	1330207	Total Xylenes		0	UG/KG		########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	100027	4-Nitrophenol		3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	100425	Styrene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	100516	Benzyl alcohol		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	10061026	trans-1,3-Dichloropropene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	1024573	Hexachlor Epoxide		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	104518	n-Butylbenzene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	106478	4-Chloroaniline		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	108861	Bromobenzene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	108907	Chlorobenzene		125	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	109999	Tetrahydrofuran		125	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	111444	bis(2-Chloroethyl)ether		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	111911	bis(2-Chloroethoxy)methane		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	117817	bis(2-Ethylhexyl)phthalate		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	118741	Hexachlorobenzene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	118741	Hexachlorobenzene		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	120832	2,4-Dichlorophenol		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	56382	Ethyl Parathion		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	56553	Benz[a]anthracene		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	591786	2-Hexanone		313	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	59507	4-Chloro-3-methylphenol		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	60571	Dieldrin		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	621647	N-Nitrosodipropylamine		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	630206	1,1,1,2-Tetrachloroethane		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	67663	Chloroform		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	7005723	4-Chlorophenyl-phenyl ether		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	72208	Endrin		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	72548	4,4'-DDD		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	7421934	Endrin Aldehyde		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	74953	Dibromomethane		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	75252	Bromoform		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	75354	1,1-Dichloroethene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	75718	Dichlorodifluoromethane		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:7440-42-8		Boron		23.9	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	77474	Hexachlorocyclopentadiene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	77474	Hexachlorocyclopentadiene		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	78591	Isophorone		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	83329	Acenaphthene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	84662	Diethylphthalate		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	85018	Phenanthrene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	156592	cis-1,2-Dichloroethene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	1582098	Trifluralin		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	15972608	Alachlor		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	1861321	DCPA		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	1897456	Chlorothalonil		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	191242	Benzo[g,h,i]perylene		0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324338		Moisture		16.24	%		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324338		Solids		83.76	%		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7440097	Potassium		10458	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7439954	Magnesium		29573	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7440235	Sodium		944	MG/KG		########	########	1	ICV Standard failed low. (passing = 90-110%. Actual recovery 85.3%
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7439896	Iron		57635	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7439965	Manganese		1471	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7440702	Calcium		7593	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7440508	Copper		333	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7439976	Mercury	<	0.119	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7440393	Barium		202	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7440666	Zinc		80.1	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I20170324:	7440622	Vanadium		107	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	100016	4-Nitroaniline		0.61	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	1031078	Endosulfan Sulfate		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	105679	2,4-Dimethylphenol		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	108678	1,3,5-Trimethylbenzene		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	108952	Phenol		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	120127	Anthracene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	121142	2,4-Dinitrotoluene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	594207	2,2-Dichloropropane		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	606202	2,6-Dinitrotoluene		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	62533	Aniline		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	62759	N-Nitrosodimethylamine		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	67641	Acetone		626	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O20170081	67721	Hexachloroethane		0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	72435	Methoxychlor		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	75274	Bromodichloromethane		62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O20170081	76448	Heptachlor		10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O20170081	79345	1,1,2,2-

2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	100754	N-nitrosopiperidine	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	110861	Pyridine	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	122394	Diphenylamine	1.2	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	130154	1,4-Naphthoquinone	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	140578	Aramite	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	2303164	Diallate (Cis & Trans)	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	298022	Phorate	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	465736	Isodrin	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	55185	N-Nitrosodiethylamine	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	59892	N-Nitrosomorpholine	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	60515	Dimethoate	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	62500	Ethyl methanesulfonate	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	76017	Pentachloroethane	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	87650	2,6-Dichlorophenol	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	92671	4-Aminobiphenyl	0.61	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	94597	Safrole	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	95943	1,2,4,5-Tetrachlorobenzene	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	99558	5-Nitro-o-toluidine	0.61	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	96184	1,2,3-Trichloropropane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	99876	4-Isopropyltoluene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	88062	2,4,6-Trichlorophenol	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	88857	Dinoseb	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	91587	2-Chloronaphthalene	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	95498	o-Chlorotoluene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	208968	Acenaphthylene	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O2017008(	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O2017008(	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O2017008(	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	50328	Benzo(a)pyrene	0.3	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O2017008(	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	541731	1,3-Dichlorobenzene	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	541731	1,3-Dichlorobenzene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	106934	1,2-Dibromoethane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	98566	PCTFB	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	87865	Pentachlorophenol	1.2	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	88755	2-Nitrophenol	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	91576	2-Methylnaphthalene	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	95487	2-Methylphenol	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	95636	1,2,4-Trimethylbenzene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	96128	1,2-Dibromo-3-chloropropane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	131113	Dimethylphthalate	0.61	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O2017008(	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	206440	Fluoranthene	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	99092	3-Nitroaniline	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032438		Prep	0			########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	100414	Ethylbenzene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	106434	p-Chlorotoluene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	108101	MIBK	313	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	108383	m/p-Xylene	125	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	127184	Tetrachloroethene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	132649	Dibenzofuran	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	135988	Sec-Butylbenzene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	142289	1,3-Dichloropropane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	156605	trans-1,2-Dichloroethene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	534521	4,6-Dinitro-2-methylphenol	1.2	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	563586	1,1-Dichloropropene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O2017008(	58899	Lindane	10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	71556	1,1,1-Trichloroethane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O2017008(	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	74839	Bromomethane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	74873	Chloromethane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	75003	Chloroethane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	75092	Methylene Chloride	125	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	75343	1,1-Dichloroethane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	78875	1,2-Dichloropropane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	78933	MEK	313	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	79016	Trichloroethene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	TCXSW	Soil	Soil	Hoff H2B	O2017008(	8001352	Toxaphene	0.1	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	95534	o-Toluidine	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	98066	Tert-Butylbenzene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	98828	Isopropylbenzene	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	107062	1,2-Dichloroethane	62.6	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	1319773	3&4-Methylphenol	1.2	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	75650	t-Butyl alcohol	626	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	98555	a-Terpineol	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008(	540885	tert-Butyl Acetate	313	UG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	DIOXA	Soil	Soil	Hoff H2B	O2017008(	123911	1,4-Dioxane	60.9	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032438		Weight	0.5	GRAMS		########	########	1	
2166	903	12/11/2017	13:45	TCXSW	Soil	Soil	Hoff H2B	O2017008748		EXTRACTED DATE	12152017	Day		########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008732		EXTRACTED DATE	12182017	Day		########	########	1	
2166	903	12/11/2017	13:45	DIOXA	Soil	Soil	Hoff H2B	O2017008724		EXTRACTED DATE	12122017	Day		########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008716		EXTRACTED DATE	12122017	Day		########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2B	O2017008740		EXTRACTED DATE	12152017	Day		########	########	1	
2166	903	12/11/2017	13:45	DIOXA	Soil	Soil	Hoff H2B	O2017008724		EXTRACTED TIME	1008	Hr		########	########	1	
2166	903	12/11/2017	13:45	VOASW	Soil	Soil	Hoff H2B	O2017008716		EXTRACTED TIME	853	Hr		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032(	7440224	Silver	< 0.597	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032(	7440439	Cadmium	< 0.597	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032(	7439921	Lead	9.07	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032(	7440360	Antimony	< 1.19	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032(	7440382	Arsenic	< 6.45	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032(	7782492	Selenium	< 4.18	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032(	7440-28-0	Thallium	< 1.19	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032(	7440417	Beryllium	2.69	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032438		Cobalt Compounds	21.8	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	503	Soil	Soil	Hoff H2B	I2017032(	7440020	Nickel	47.2	MG/KG		########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	90120	1-Methylnaphthalene	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(	90131	1-Chloronaphthalene	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	SV-SW	Soil	Soil	Hoff H2B	O2017008(108-60-1		2,2'-oxybis(1-Chloropropane)	0.61	MG/KG	U	########	########	1	
2166	903	12/11/2017	13:45	PSTSW	Soil	Soil	Hoff H2T	O2017008(	319857	beta-BHC	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I2017032(	7440473	Chromium	75.1	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	51218452	Metolachlor	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	51877748	trans-Permethrin	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	54774457	cis-Permethrin	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	75014	Chloroethene (vinyl chloride)	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	10061015	cis-1,3-Dichloropropene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	103651	n-Propylbenzene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	106467	1,4-Dichlorobenzene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	108054	Vinyl Acetate	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	108883	Toluene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	120821	1,2,4-Trichlorobenzene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	74975	Bromochloromethane	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	75150	Carbon Disulfide	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	75694	Trichlorofluoromethane	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	79005	1,1,2-Trichloroethane	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	124481	Dibromochloromethane	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	87683	Hexachlorobutadiene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	91203	Naphthalene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	95476	o-Xylene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	959988	Endosulfan I	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	87616	1,2,3-Trichlorobenzene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	95501	1,2-Dichlorobenzene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	2172462	Cyanazine	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	2675776	Chlorneb	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	319846	alpha-BHC	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	71432	Benzene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	510156	Chlorobenzilate	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	56235	Carbon Tetrachloride	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	1634044	Methyl Tert-Butyl Ether	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	2108649	Merbucin	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	2921882	Dursban	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	33213659	Endosulfan II	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I2017032(	7429905	Aluminum	41840	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I2017032439		Acidity	0	Each		########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	1330207	Total Xylenes	0	UG/KG		########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	100425	Styrene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	10061026	trans-1,3-Dichloropropene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	1024573	Heptachlor Epoxide	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	104518	n-Butylbenzene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	108861	Bromobenzene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	108907	Chlorobenzene	118	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	109999	Tetrahydrofuran	118	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	591786	2-Hexanone	295	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	60571	Dieldrin	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	630206	1,1,1,2-Tetrachloroethane	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	67663	Chloroform	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	72208	Endrin	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	72548	4,4'-DDD	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	7421934	Endrin Aldehyde	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	74953	Dibromomethane	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	75252	Bromoform	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	75354	1,1-Dichloroethene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	75718	Dichlorodifluoromethane	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I2017032(	7440-42-8	Boron	23.1	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	77474	Hexachlorocyclopentadiene	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O2017008(	156592	cis-1,2-Dichloroethene	59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	1582098	Trifluralin	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	15972608	Alachlor	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	1861321	DCPA	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O2017008(	1897456	Chlorothalonil	10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I2017032439		Moisture	13.6	%		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I2017032439		Solids	86.4	%		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I2017032(	7440097	Potassium	9525	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I2017032(	7439954	Magnesium	29630	MG/KG		########	########	1	

2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440235	Sodium		716	MG/KG		########	########	1	ICV Standard failed low. (passing = 90-110%. Actual recovery 85.3%
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7439896	Iron		56817	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7439965	Manganese		2023	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440702	Calcium		7315	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440508	Copper		257	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7439976	Mercury	<	0.116	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440393	Barium		202	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440666	Zinc		83.7	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440622	Vanadium		113	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	1031078	Endosulfan Sulfate		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	108678	1,3,5-Trimethylbenzene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	594207	2,2-Dichloropropane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	67641	Acetone		590	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	72435	Methoxychlor		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	75274	Bromodichloromethane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	76448	Heptachlor		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	79345	1,1,2,2-Tetrachloroethane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	96184	1,2,3-Trichloropropane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	99876	4-Isopropyltoluene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	95498	o-Chlorotoluene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	2593159	Etridiazole		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	309002	Aldrin		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	319868	delta-BHC		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	5103742	gamma-Chlordane		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	541731	1,3-Dichlorobenzene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	106934	1,2-Dibromoethane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	98566	PCTFB		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	95636	1,2,4-Trimethylbenzene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	96128	1,2-Dibromo-3-chloropropane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	1918167	Propachlor		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324390		Prep		0			########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	100414	Ethylbenzene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	106434	p-Chlorotoluene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	108101	MIBK		295	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	108383	m/p-Xylene		118	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	127184	Tetrachloroethene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	135988	Sec-Butylbenzene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	142289	1,3-Dichloropropane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	156605	trans-1,2-Dichloroethene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	563586	1,1-Dichloropropene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	58899	Lindane		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	71556	1,1,1-Trichloroethane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808	72559	4,4'-DDE		10	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	74839	Bromomethane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	74873	Chloromethane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	75003	Chloroethane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	75092	Methylene Chloride		118	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	75343	1,1-Dichloroethane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	78875	1,2-Dichloropropane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	78933	MEK		295	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	79016	Trichloroethene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	TCXSW	Soil	Soil	Hoff H2T	O20170808	8001352	Toxaphene		0.1	MG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	98066	Tert-Butylbenzene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	98828	Isopropylbenzene		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	107062	1,2-Dichloroethane		59	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	75650	t-Butyl alcohol		590	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808	540885	tert-Butyl Acetate		295	UG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	DIOXA	Soil	Soil	Hoff H2T	O20170808	123911	1,4-Dioxane		56	MG/KG	U	########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324390		Weight		0.5	GRAMS		########	########	1	
2166	904	12/11/2017	13:50	TCXSW	Soil	Soil	Hoff H2T	O20170808749		EXTRACTED DATE		12152017	Day		########	########	1	
2166	904	12/11/2017	13:50	DIOXA	Soil	Soil	Hoff H2T	O20170808725		EXTRACTED DATE		12122017	Day		########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808717		EXTRACTED DATE		12122017	Day		########	########	1	
2166	904	12/11/2017	13:50	PSTSW	Soil	Soil	Hoff H2T	O20170808741		EXTRACTED DATE		12152017	Day		########	########	1	
2166	904	12/11/2017	13:50	DIOXA	Soil	Soil	Hoff H2T	O20170808725		EXTRACTED TIME		1008	Hr		########	########	1	
2166	904	12/11/2017	13:50	VOASW	Soil	Soil	Hoff H2T	O20170808717		EXTRACTED TIME		853	Hr		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440224	Silver	<	0.579	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440439	Cadmium	<	0.579	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7439921	Lead		10	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440360	Antimony	<	1.16	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440382	Arsenic		11.7	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7782492	Selenium	<	4.05	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:7440-28-0		Thallium	<	1.16	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440417	Beryllium		2.95	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324390		Cobalt Compounds		29.6	MG/KG		########	########	1	
2166	904	12/11/2017	13:50	503	Soil	Soil	Hoff H2T	I20170324:	7440020	Nickel		58.4	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	207089	Benzo(k)fluoranthene		0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	218019	Chrysene		0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	298044	Disulfoton		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	319857	beta-BHC		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I20170324:	7440473	Chromium		48.1	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	5121852	Metolachlor		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	51877748	trans-Permethrin		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	54774457	cis-Permethrin		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	75014	Chloroethene (vinyl chloride)		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	10061015	cis-1,3-Dichloropropene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	101553	4-Bromophenyl-phenyl ether		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	103651	n-Propylbenzene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	106467	1,4-Dichlorobenzene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	106467	1,4-Dichlorobenzene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	108054	Vinyl Acetate		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	108883	Toluene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	117840	Di-n-octylphthalate		0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	120821	1,2,4-Trichlorobenzene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	120821	1,2,4-Trichlorobenzene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	74975	Bromochloromethane		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	75150	Carbon Disulfide		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	75694	Trichlorofluoromethane		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	79005	1,1,2-Trichloroethane		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	85687	Butylbenzylphthalate		0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	10595956	N-Nitrosomethylethylamine		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	109068	2-Picoline (2-Methylpyridine)		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	120581	Isosafrole		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	126681	O,O,O-Triethylphosphorothioate		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	1888717	Hexachloropropene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	297972	Thionazine		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	3689245	Sulfotep		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	53963	2-Acetylaminofluorene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	58902	2,3,4,6-Tetrachlorophenol		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	60117	Dimethylaminoazobenzene		0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	608935	Pentachlorobenzene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	66273	Methyl Methanesulfonate		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	82688	Pentachloronitrobenzene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	924163	N-Nitrosodibutylamine		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	930552	N-Nitrosopyrrolidine		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	98862	Acetophenone		1.4	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	205992	Benzo(b)fluoranthene		0.34	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	98953	Nitrobenzene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	124481	Dibromochloromethane		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	87683	Hexachlorobutadiene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	87683	Hexachlorobutadiene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	88744	2-Nitroaniline		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	91203	Naphthalene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	91203	Naphthalene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	95476	o-Xylene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	95578	2-Chlorophenol		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	959988	Endosulfan I		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	99650	1,3-Dinitrobenzene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	87616	1,2,3-Trichlorobenzene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	91941	3,3'-Dichlorobenzidine		0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	95501	1,2-Dichlorobenzene		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	95501	1,2-Dichlorobenzene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	95954	2,4,5-Trichlorophenol		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	21725462	Cyanazine		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	2675776	Chlorneb		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	298000	Methyl Parathion		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	319846	alpha-BHC		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	71432	Benzene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	510156	Chlorobenzilate		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	510156	Chlorobenzilate		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	5103719	alpha-Chlordane		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	53494705	Endrin Ketone		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	56235	Carbon Tetrachloride		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	1634044	Methyl Tert-Butyl Ether		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	129000	Pyrene		0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	193395	Indeno-1,2,3-cd-pyrene		0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	21087649	Metribuzin		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	23950585	Pronamide		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	2921882	Dursban		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	33213659	Endosulfan II		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	50293	4,4'-DDT		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	51285	2,4-Dinitrophenol		6.8	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	53703	Dibenzo(a,h)anthracene		0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I20170324:	7429905	Aluminum		32555	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I20170324440		Acidity		0	Each		########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	1330207	Total Xylenes		0	UG/KG		########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	100027	4-Nitrophenol		3.4	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	100425	Styrene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	100516	Benzyl alcohol		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	10061026	trans-1,3-Dichloropropene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O20170808	1024573	Heptachlor Epoxide		10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	104518	n-Butylbenzene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	106478	4-Chloroaniline		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	108861	Bromobenzene		81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	108907	Chlorobenzene		162	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O20170808	109999	Tetrahydrofuran		162	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	111444	bis(2-Chloroethyl)ether		0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O20170808	111911	bis(2-Chloroethoxy)methane		0.68	MG/KG	U	########	########

2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	117817	bis(2-Ethylhexyl)phthalate	0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	118741	Hexachlorobenzene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	120832	2,4-Dichlorophenol	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	56382	Ethyl Parathion	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	56553	Benz(a)anthracene	0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	591786	2-Hexanone	405	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	59507	4-Chloro-3-methylphenol	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	60571	Dieldrin	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	621647	N-Nitrosodipropylamine	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	630206	1,1,1,2-Tetrachloroethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	67663	Chloroform	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	7005723	4-Chlorophenyl-phenyl ether	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	72208	Endrin	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	72548	4,4'-DDD	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	7421934	Endrin Aldehyde	10	UG/KG	U	########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	74953	Dibromomethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	75252	Bromoform	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	75354	1,1-Dichloroethene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	75718	Dichlorodifluoromethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032440	7440-42-8	Boron	21.9	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	77474	Hexachlorocyclopentadiene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	77474	Hexachlorocyclopentadiene	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	78591	Isophorone	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	83329	Acenaphthene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	84662	Diethylphthalate	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	85018	Phenanthrene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	156592	cis-1,2-Dichloroethene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	1582098	Trifluralin	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	15972608	Alachlor	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	1861321	DCPA	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	1897456	Chlorothalonil	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	191242	Benzo(g,h,i)perylene	0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032440		Moisture	8.51	%		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032440		Solids	91.49	%		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440097	Potassium	2563	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7439954	Magnesium	13963	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440235	Sodium	320	MG/KG		########	########	1	ICV Standard failed low. (passing = 90-110%. Actual recovery 85.3%
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7439896	Iron	44721	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7439965	Manganese	1404	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440702	Calcium	4724	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440508	Copper	42.6	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7439976	Mercury <	0.109	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440393	Barium	76.7	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440666	Zinc	82.9	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440622	Vanadium	71.9	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	100016	4-Nitroaniline	0.68	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	1031078	Endosulfan Sulfate	10	UG/KG	U	########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	105679	2,4-Dimethylphenol	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	108678	1,3,5-Trimethylbenzene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	108952	Phenol	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	120127	Anthracene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	121142	2,4-Dinitrotoluene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	594207	2,2-Dichloropropane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	606202	2,6-Dinitrotoluene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	62533	Aniline	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	62759	N-Nitrosodimethylamine	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	67641	Acetone	810	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	67721	Hexachloroethane	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	72435	Methoxychlor	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	75274	Bromodichloromethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	76448	Heptachlor	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	79345	1,2,2-Tetrachloroethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	84742	Di-n-butylphthalate	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	86737	Fluorene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	100754	N-nitrosopiperidine	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	110861	Pyridine	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	122394	Diphenylamine	1.4	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	130154	1,4-Naphthoquinone	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	140578	Aramite	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	2303164	Diallate (Cis & Trans)	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	298022	Phorate	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	465736	Isodrin	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	55185	N-Nitrosodiethylamine	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	59892	N-Nitrosomorpholine	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	60515	Dimethoate	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	62500	Ethyl methanesulfonate	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	76017	Pentachlorethane	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	87650	2,6-Dichlorophenol	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	92671	4-Aminobiphenyl	0.68	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	94597	Safrole	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	95943	1,2,4,5-Tetrachlorobenzene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	99558	5-Nitro-o-toluidine	0.68	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	96184	1,2,3-Trichloropropane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	99876	4-Isopropyltoluene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	88062	2,4,6-Trichlorophenol	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	88857	Dinoseb	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	91587	2-Chloronaphthalene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	95498	o-Chlorotoluene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	208968	Acenaphthylene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	50328	Benzo(a)pyrene	0.34	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	541731	1,3-Dichlorobenzene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	541731	1,3-Dichlorobenzene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	106934	1,2-Dibromoethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	98566	PCTFB	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	87865	Pentachlorophenol	1.4	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	88755	2-Nitrophenol	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	91576	2-Methylnaphthalene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	95487	2-Methylphenol	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	95636	1,2,4-Trimethylbenzene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	96128	1,2-Dibromo-3-chloropropane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	131113	Dimethylphthalate	0.68	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	206440	Fluoranthene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	99092	3-Nitroaniline	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032440		Prep	0			########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	100414	Ethylbenzene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	106434	p-Chlorotoluene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	108101	MIBK	405	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	108383	m/p-Xylene	162	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	127184	Tetrachloroethene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	132649	Dibenzofuran	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	135988	Sec-Butylbenzene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	142289	1,3-Dichloropropane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	156605	trans-1,2-Dichloroethene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	534521	4,6-Dinitro-2-methylphenol	1.4	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	563586	1,1-Dichloropropene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	58899	Lindane	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	71556	1,1,1-Trichloroethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008J	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	74839	Bromomethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	74873	Chloromethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	75003	Chloroethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	75092	Methylene Chloride	162	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	75343	1,1-Dichloroethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	78875	1,2-Dichloropropane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	78933	MEK	405	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	79016	Trichloroethene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	TCKSW	Soil	Soil	Hoff H3B	O2017008J	8001352	Toxaphene	0.1	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	95534	o-Toluidine	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	98066	Tert-Butylbenzene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	98828	Isopropylbenzene	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	107062	1,2-Dichloroethane	81	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	1319773	3&4-Methylphenol	1.4	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	75650	t-Butyl alcohol	810	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	98555	a-Terpineol	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008J	540885	tert-Butyl Acetate	405	UG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	DIOXA	Soil	Soil	Hoff H3B	O2017008J	123911	1,4-Dioxane	52.2	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032440		Weight	0.5	GRAMS		########	########	1	
2166	905	12/11/2017	14:10	TCKSW	Soil	Soil	Hoff H3B	O2017008750		EXTRACTED DATE	12152017	Day		########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008734		EXTRACTED DATE	12182017	Day		########	########	1	
2166	905	12/11/2017	14:10	DIOXA	Soil	Soil	Hoff H3B	O2017008726		EXTRACTED DATE	12122017	Day		########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008718		EXTRACTED DATE	12122017	Day		########	########	1	
2166	905	12/11/2017	14:10	PSTSW	Soil	Soil	Hoff H3B	O2017008742		EXTRACTED DATE	12152017	Day		########	########	1	
2166	905	12/11/2017	14:10	DIOXA	Soil	Soil	Hoff H3B	O2017008726		EXTRACTED TIME	1008	Hr		########	########	1	
2166	905	12/11/2017	14:10	VOASW	Soil	Soil	Hoff H3B	O2017008718		EXTRACTED TIME	853	Hr		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440224	Silver <	0.546	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440439	Cadmium <	0.546	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7439921	Lead	7.54	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440360	Antimony <	1.09	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440382	Arsenic	10.5	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7782492	Selenium <	3.83	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-7440-28-0		Thallium <	1.09	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440417	Beryllium	2.9	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032440		Cobalt Compounds	29.7	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	503	Soil	Soil	Hoff H3B	I2017032-	7440020	Nickel	54.4	MG/KG		########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	90120	1-Methylnaphthalene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J	90131	1-Chloronaphthalene	0.68	MG/KG	U	########	########	1	
2166	905	12/11/2017	14:10	SV-SW	Soil	Soil	Hoff H3B	O2017008J108-60-1		2,2'-oxybis(1-Chloropropane)	0.68	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O2017008J	207089	Benzo(k)fluoranthene	0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O2017008J	218019	Chrysene	0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O2017008J	298044	Disulfoton	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O2017008J	319857	beta-BHC	10	UG/KG	U	########	########	1	

2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7440473	Chromium		66.5	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	51218452	Metolachlor		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	51877748	trans-Permethrin		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	54774457	cis-Permethrin		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	75014	Chloroethene (vinyl chloride)		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	10061015	cis-1,3-Dichloropropene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	101553	4-Bromophenyl-phenyl ether		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	103651	n-Propylbenzene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	106467	1,4-Dichlorobenzene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	106467	1,4-Dichlorobenzene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	108054	Vinyl Acetate		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	108883	Toluene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	117840	Di-n-octylphthalate		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	120821	1,2,4-Trichlorobenzene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	120821	1,2,4-Trichlorobenzene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	74975	Bromochloromethane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	75150	Carbon Disulfide		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	75694	Trichlorofluoromethane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	79005	1,1,2-Trichloroethane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	85687	Butylbenzylphthalate		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	10595956	N-Nitrosomethylethylamine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	109068	2-Picoline (2-Methylpyridine)		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	120581	Isosafrole		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	126681	O,O,O-Triethylphosphorothioate		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	1888717	Hexachloropropene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	297972	Thionazine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	3689245	Sulfotep		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	53963	2-Acetylaminofluorene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	58902	2,3,4,6-Tetrachlorophenol		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	60117	Dimethylaminoazobenzene		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	608935	Pentachlorobenzene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	66273	Methyl Methanesulfonate		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	82688	Pentachloronitrobenzene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	924163	N-Nitrosodibutylamine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	930552	N-Nitrosopyrrolidine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	98862	Acetophenone		1.1	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	205992	Benzo(b)fluoranthene		0.28	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	98953	Nitrobenzene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	124481	Dibromochloromethane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	87683	Hexachlorobutadiene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	87683	Hexachlorobutadiene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	88744	2-Nitroaniline		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	91203	Naphthalene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	91203	Naphthalene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	95476	o-Xylene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	95578	2-Chlorophenol		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	959988	Endosulfan I		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	99650	1,3-Dinitrobenzene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	87616	1,2,3-Trichlorobenzene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	91941	3,3'-Dichlorobenzidine		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	95501	1,2-Dichlorobenzene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	95501	1,2-Dichlorobenzene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	95954	2,4,5-Trichlorophenol		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	21725462	Cyanazine		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	2675776	Chlorneb		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	298000	Methyl Parathion		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	319846	alpha-BHC		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	71432	Benzene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	510156	Chlorobenzilate		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	510156	Chlorobenzilate		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	5103719	alpha-Chlordane		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	53494705	Endrin Ketone		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	56235	Carbon Tetrachloride		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	1634044	Methyl Tert-Butyl Ether		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	129000	Pyrene		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	193395	Indeno-1,2,3-cd-pyrene		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	21087649	Metribuzin		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	23950585	Pronamide		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	2921882	Dursban		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	33213659	Endosulfan II		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	50293	4,4'-DDT		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	51285	2,4-Dinitrophenol		5.7	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	53703	Dibenzo(a,h)anthracene		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7429905	Aluminum		41811	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-1		Acidity		0	Each		########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	1330207	Total Xylenes		0	UG/KG		########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	100027	4-Nitrophenol		2.8	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	100425	Styrene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	100516	Benzyl alcohol		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	10061026	trans-1,3-Dichloropropene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	1024573	Heptachlor Epoxide		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	104518	n-Butylbenzene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	106478	4-Chloroaniline		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	108861	Bromobenzene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	108907	Chlorobenzene		108	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	109999	Tetrahydrofuran		108	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	111444	bis(2-Chloroethyl)ether		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	111911	bis(2-Chloroethoxy)methane		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	117817	bis(2-Ethylhexyl)phthalate		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	118741	Hexachlorobenzene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	118741	Hexachlorobenzene		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	120832	2,4-Dichlorophenol		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	56382	Ethyl Parathion		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	56553	Benz(a)anthracene		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	591786	2-Hexanone		269	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	59507	4-Chloro-3-methylphenol		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	60571	Dieldrin		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	621647	N-Nitrosodipropylamine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	630206	1,1,1,2-Tetrachloroethane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	67663	Chloroform		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	7005723	4-Chlorophenyl-phenyl ether		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	72208	Endrin		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	72548	4,4'-DDD		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	7421934	Endrin Aldehyde		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	74953	Dibromomethane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	75252	Bromoform		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	75354	1,1-Dichloroethene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	75718	Dichlorodifluoromethane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-7440-42-8		Boron		23.2	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	77474	Hexachlorocyclopentadiene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	77474	Hexachlorocyclopentadiene		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	78591	Isophorone		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	83329	Acenaphthene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	84662	Diethylphthalate		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	85018	Phenanthrene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	156592	cis-1,2-Dichloroethene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	1582098	Trifluralin		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	15972608	Alachlor		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	1861321	DCPA		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	1897456	Chlorothalonil		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	191242	Benzo(g,h,i)perylene		0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-1		Moisture		13.73	%		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-1		Solids		86.27	%		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7440097	Potassium		2898	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7439954	Magnesium		13052	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7440235	Sodium		429	MG/KG		########	########	1	ICV Standard failed low. (passing = 90-110%. Actual recovery 85.3%
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7439896	Iron		46934	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7439965	Manganese		1654	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7440702	Calcium		3732	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7440508	Copper		34.8	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7439976	Mercury	<	0.116	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7440393	Barium		98.1	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7440666	Zinc		85.5	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324-	7440622	Vanadium		71.2	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	100016	4-Nitroaniline		0.57	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	1031078	Endosulfan Sulfate		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	105679	2,4-Dimethylphenol		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	108678	1,3,5-Trimethylbenzene		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	108952	Phenol		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	120127	Anthracene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	121142	2,4-Dinitrotoluene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	594207	2,2-Dichloropropane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	606202	2,6-Dinitrotoluene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	62533	Aniline		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	62759	N-Nitrosodimethylamine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	67641	Acetone		539	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	67721	Hexachloroethane		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	72435	Methoxychlor		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	75274	Bromodichloromethane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170808	76448	Heptachlor		10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170808	79345	1,1,2,2-Tetrachloroethane		53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	84742	Di-n-butylphthalate		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	86737	Fluorene		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	100754	N-nitrosopiperidine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	110861	Pyridine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	122394	Diphenylamine		1.1	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	130154	1,4-Naphthoquinone		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	140578	Aramite		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	2303164	Diallate (Cis & Trans)		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	298022	Phorate		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	465736	Isodrin		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	55185	N-Nitrosodiethylamine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	59892	N-Nitrosomorpholine		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170808	60515	Dimethoate		0.57	MG/KG	U	########	########	1	
2166	906	12/11/2

2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	92671	4-Aminobiphenyl	0.57	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	94597	Safrole	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	95943	1,2,4,5-Tetrachlorobenzene	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	99558	5-Nitro-o-toluidine	0.57	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	96184	1,2,3-Trichloropropane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	99876	4-Isopropyltoluene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	88062	2,4,6-Trichlorophenol	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	88857	Dinoseb	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	91587	2-Chloronaphthalene	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	95498	o-Chlorotoluene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	208968	Acenaphthylene	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170080	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170080	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170080	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	50328	Benzo(a)pyrene	0.28	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170080	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	541731	1,3-Dichlorobenzene	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	541731	1,3-Dichlorobenzene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	106934	1,2-Dibromoethane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	98566	PCTFB	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	87865	Pentachlorophenol	1.1	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	88755	2-Nitrophenol	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	91576	2-Methylnaphthalene	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	95487	2-Methylphenol	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	95636	1,2,4-Trimethylbenzene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	96128	1,2-Dibromo-3-chloropropane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	131113	Dimethylphthalate	0.57	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170080	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	206440	Fluoranthene	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	99092	3-Nitroaniline	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41		Prep	0			########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	100414	Ethylbenzene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	106434	p-Chlorotoluene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	108101	MIBK	269	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	1083831	m/p-Xylene	108	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	127184	Tetrachloroethene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	132649	Dibenzofuran	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	135988	Sec-Butylbenzene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	142289	1,3-Dichloropropane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	156605	trans-1,2-Dichloroethene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	534521	4,6-Dinitro-2-methylphenol	1.1	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	563586	1,1-Dichloropropene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170080	58899	Lindane	10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	71556	1,1,1-Trichloroethane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170080	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	74839	Bromomethane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	74873	Chloromethane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	75003	Chloroethane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	75092	Methylene Chloride	108	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	75343	1,1-Dichloroethane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	78875	1,2-Dichloropropane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	78933	MEK	269	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	79016	Trichloroethene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	TCXSW	Soil	Soil	Hoff H3T	O20170080	8001352	Toxaphene	0.1	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	95534	o-Toluidine	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	98066	Tert-Butylbenzene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	98828	Isopropylbenzene	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	107062	1,2-Dichloroethane	53.9	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	1319773	3&4-Methylphenol	1.1	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	75650	t-Butyl alcohol	539	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	98555	a-Terpineol	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080	540885	tert-Butyl Acetate	269	UG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	DIOXA	Soil	Soil	Hoff H3T	O20170080	123911	1,4-Dioxane	56.6	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41		Weight	0.5	GRAMS		########	########	1	
2166	906	12/11/2017	14:15	TCXSW	Soil	Soil	Hoff H3T	O20170080751		EXTRACTED DATE	12152017	Day		########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080735		EXTRACTED DATE	12182017	Day		########	########	1	
2166	906	12/11/2017	14:15	DIOXA	Soil	Soil	Hoff H3T	O20170080727		EXTRACTED DATE	12122017	Day		########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080719		EXTRACTED DATE	12122017	Day		########	########	1	
2166	906	12/11/2017	14:15	PSTSW	Soil	Soil	Hoff H3T	O20170080743		EXTRACTED DATE	12152017	Day		########	########	1	
2166	906	12/11/2017	14:15	DIOXA	Soil	Soil	Hoff H3T	O20170080727		EXTRACTED TIME	1008	Hr		########	########	1	
2166	906	12/11/2017	14:15	VOASW	Soil	Soil	Hoff H3T	O20170080719		EXTRACTED TIME	853	Hr		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41	7440224	Silver	< 0.58	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41	7440439	Cadmium	< 0.58	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41	7439921	Lead	3.01	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41	7440360	Antimony	< 1.16	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41	7440382	Arsenic	4.35	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41	7782492	Selenium	< 4.06	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41	7440-28-0	Thallium	< 1.16	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41	7440417	Beryllium	3.19	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41		Cobalt Compounds	34.7	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	503	Soil	Soil	Hoff H3T	I20170324[41	7440020	Nickel	50.9	MG/KG		########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	90120	1-Methylnaphthalene	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	90131	1-Chloronaphthalene	0.57	MG/KG	U	########	########	1	
2166	906	12/11/2017	14:15	SV-SW	Soil	Soil	Hoff H3T	O20170080	108-60-1	2,2'-oxybis(1-Chloropropane)	0.57	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	207089	Benzo(k)fluoranthene	0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	218019	Chrysene	0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	298044	Disulfoton	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	319857	beta-BHC	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I20170324[41	7440473	Chromium	55.7	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	51218452	Metolachlor	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	51877748	trans-Permethrin	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	54774457	cis-Permethrin	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	75014	Chloroethene (vinyl chloride)	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	10061015	cis-1,3-Dichloropropene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	101553	4-Bromophenyl-phenyl ether	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	103651	n-Propylbenzene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	106467	1,4-Dichlorobenzene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	106467	1,4-Dichlorobenzene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	108054	Vinyl Acetate	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	108883	Toluene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	117840	Di-n-octylphthalate	0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	120821	1,2,4-Trichlorobenzene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	120821	1,2,4-Trichlorobenzene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	74975	Bromochloromethane	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	75150	Carbon Disulfide	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	75694	Trichlorofluoromethane	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	79005	1,1,2-Trichloroethane	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	85687	Butylbenzylphthalate	0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	10595956	N-Nitrosomethylethylamine	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	109068	2-Picoline (2-Methylpyridine)	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	120581	Isosafrole	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	126681	O,O,O-Triethylphosphorothioate	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	1888717	Hexachloropropene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	297972	Thionazine	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	3689245	Sulfotep	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	53963	2-Acetylaminofluorene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	58902	2,3,4,6-Tetrachlorophenol	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	60117	Dimethylaminoazobenzene	0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	608935	Pentachlorobenzene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	66273	Methyl Methanesulfonate	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	82688	Pentachloronitrobenzene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	924163	N-Nitrosodibutylamine	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	930552	N-Nitrosopyrrolidine	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	98862	Acetophenone	1.1	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	205992	Benzo(b)fluoranthene	0.28	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	98953	Nitrobenzene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	124481	Dibromochloromethane	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	87683	Hexachlorobutadiene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	87683	Hexachlorobutadiene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	88744	2-Nitroaniline	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	91203	Naphthalene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	91203	Naphthalene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	95476	o-Xylene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	95578	2-Chlorophenol	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	959988	Endosulfan I	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	99650	1,3-Dinitrobenzene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	87616	1,2,3-Trichlorobenzene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	91941	3,3'-Dichlorobenzidine	0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	95501	1,2-Dichlorobenzene	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	95501	1,2-Dichlorobenzene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	95954	2,4,5-Trichlorophenol	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	21725462	Cyanazine	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	2675776	Chlorneb	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	298000	Methyl Parathion	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	319846	alpha-BHC	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	71432	Benzene	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	510156	Chlorobenzilate	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	510156	Chlorobenzilate	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	56235	Carbon Tetrachloride	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	1634044	Methyl Tert-Butyl Ether	73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	129000	Pyrene	0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	193395	Indeno-1,2,3-cd-pyrene	0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	21087649	Metribuzin	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	23950585	Pronamide	0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	2921882	Dursban	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	33213659	Endosulfan II	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O20170080	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	51285	2,4-Dinitrophenol	5.6	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	53703	Dibenzo(a,h)anthracene	0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I20170324[41	7429905	Aluminum	24065	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I20170324[42		Acidity	0	Each		########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	1330207	Total Xylenes	0	UG/KG		########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O20170080	100027	4-Nitrophenol	2.8	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O20170080	100

2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	10061026	trans-1,3-Dichloropropene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	1024573	Heptachlor Epoxide		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	104518	n-Butylbenzene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	106478	4-Chloroaniline		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	108861	Bromobenzene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	108907	Chlorobenzene		148	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	109999	Tetrahydrofuran		148	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	111444	bis(2-Chloroethyl)ether		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	111911	bis(2-Chloroethoxy)methane		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	117817	bis(2-Ethylhexyl)phthalate		0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	118741	Hexachlorobenzene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	118741	Hexachlorobenzene		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	120832	2,4-Dichlorophenol		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	56382	Ethyl Parathion		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	56553	Benz(a)anthracene		0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	591786	2-Hexanone		370	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	59507	4-Chloro-3-methylphenol		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	60571	Dieldrin		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	621647	N-Nitrosodipropylamine		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	630206	1,1,1,2-Tetrachloroethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	67663	Chloroform		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	7005723	4-Chlorophenyl-phenyl ether		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	72208	Endrin		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	72548	4,4'-DDD		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	7421934	Endrin Aldehyde		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	74953	Dibromomethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	75252	Bromoform		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	75354	1,1-Dichloroethene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	75718	Dichlorodifluoromethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440-42-8	Boron		21.8	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	77474	Hexachlorocyclopentadiene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	77474	Hexachlorocyclopentadiene		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	78591	Isophorone		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	83329	Acenaphthene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	84662	Diethylphthalate		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	85018	Phenanthrene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	156592	cis-1,2-Dichloroethene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	1582098	Trifluralin		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	15972608	Alachlor		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	1861321	DCPA		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	1897456	Chlorothalonil		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	191242	Benzo(g,h,i)perylene		0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032442		Moisture		8.31	%		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032442		Solids		91.69	%		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440097	Potassium		1632	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7439954	Magnesium		11921	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440235	Sodium		366	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7439896	Iron		36509	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7439965	Manganese		1967	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440702	Calcium		4774	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440508	Copper		46	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7439976	Mercury	<	0.109	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440393	Barium		114	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440666	Zinc		89.6	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440622	Vanadium		88.2	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	100016	4-Nitroaniline		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	1031078	Endosulfan Sulfate		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	105679	2,4-Dimethylphenol		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	108678	1,3,5-Trimethylbenzene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	108952	Phenol		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	120127	Anthracene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	121142	2,4-Dinitrotoluene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	594207	2,2-Dichloropropane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	606202	2,6-Dinitrotoluene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	62533	Aniline		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	62759	N-Nitrosodimethylamine		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	67641	Acetone		739	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	67721	Hexachloroethane		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	72435	Methoxychlor		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	75274	Bromodichloromethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	76448	Heptachlor		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	79345	1,1,2,2-Tetrachloroethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	84742	Di-n-butylphthalate		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	86737	Fluorene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	100754	N-nitrosopiperidine		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	110861	Pyridine		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	122394	Diphenylamine		1.1	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	130154	1,4-Naphthoquinone		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	140578	Aramite		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	2303164	Diallate (Cis & Trans)		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	29802	Phorate		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	465736	Isodrin		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	55185	N-Nitrosodiethylamine		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	59892	N-Nitrosomorpholine		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	60515	Dimethoate		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	62500	Ethyl methanesulfonate		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	76017	Pentachlorethane		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	87650	2,6-Dichlorophenol		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	92671	4-Aminobiphenyl		0.56	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	94597	Safrole		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	95943	1,2,4,5-Tetrachlorobenzene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	99558	5-Nitro-o-toluidine		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	96184	1,2,3-Trichloropropane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	99876	4-Isopropyltoluene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	88062	2,4,6-Trichlorophenol		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	88857	Dinoseb		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	91587	2-Chloronaphthalene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	95498	o-Chlorotoluene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	208968	Acenaphthylene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	2593159	Etridiazole		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	309002	Aldrin		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	319868	delta-BHC		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	50328	Benzo(a)pyrene		0.28	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	5103742	gamma-Chlordane		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	541731	1,3-Dichlorobenzene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	541731	1,3-Dichlorobenzene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	106934	1,2-Dibromoethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	98566	PCTFB		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	87865	Pentachlorophenol		1.1	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	88755	2-Nitrophenol		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	91576	2-Methylnaphthalene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	95487	2-Methylphenol		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	95636	1,2,4-Trimethylbenzene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	96128	1,2-Dibromo-3-chloropropane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	131113	Dimethylphthalate		0.56	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	1918167	Propachlor		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	206440	Fluoranthene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	99092	3-Nitroaniline		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032442		Prep		0			########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	100414	Ethylbenzene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	106434	p-Chlorotoluene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	108101	MIBK		370	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	108383	m/p-Xylene		148	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	127184	Tetrachloroethene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	132649	Dibenzofuran		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	135988	Sec-Butylbenzene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	142289	1,3-Dichloropropane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	156605	trans-1,2-Dichloroethene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	534521	4,6-Dinitro-2-methylphenol		1.1	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	563586	1,1-Dichloropropene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	58899	Lindane		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	71556	1,1,1-Trichloroethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008(	72559	4,4'-DDE		10	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	74839	Bromomethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	74873	Chloromethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	75003	Chloroethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	75092	Methylene Chloride		148	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	75343	1,1-Dichloroethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	78875	1,2-Dichloropropane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	78933	MEK		370	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	79016	Trichloroethene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	TCKSW	Soil	Soil	Hoff H4B	O2017008(	8001352	Toxaphene		0.0998	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	95534	o-Toluidine		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	98066	Tert-Butylbenzene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	98828	Isopropylbenzene		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	107062	1,2-Dichloroethane		73.9	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	1319773	3&4-Methylphenol		1.1	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	75650	t-Butyl alcohol		739	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008(	98555	a-Terpineol		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008(	540885	tert-Butyl Acetate		370	UG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	DIOXA	Soil	Soil	Hoff H4B	O2017008(	123911	1,4-Dioxane		90.3	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032442		Weight		0.5	GRAMS		########	########	1	
2166	907	12/11/2017	14:40	TCKSW	Soil	Soil	Hoff H4B	O2017008752		EXTRACTED DATE		12152017	Day		########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008736		EXTRACTED DATE		12182017	Day		########	########	1	
2166	907	12/11/2017	14:40	DIOXA	Soil	Soil	Hoff H4B	O2017008728		EXTRACTED DATE		12122017	Day		########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008720		EXTRACTED DATE		12122017	Day		########	########	1	
2166	907	12/11/2017	14:40	PSTSW	Soil	Soil	Hoff H4B	O2017008744		EXTRACTED DATE		12152017	Day		########	########	1	
2166	907	12/11/2017	14:40	DIOXA	Soil	Soil	Hoff H4B	O2017008728		EXTRACTED TIME		1008	Hr		########	########	1	
2166	907	12/11/2017	14:40	VOASW	Soil	Soil	Hoff H4B	O2017008720		EXTRACTED TIME		853	Hr		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440224	Silver	<	0.545	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440439	Cadmium	<	0.545	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7439921	Lead		11.8	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440360	Antimony	<	1.09	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440382	Arsenic		4.64	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7782492	Selenium	<	3.82	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032(	7440-28-0	Thallium	<	1.09	MG/KG		########	########	1	
2166

2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032442		Cobalt Compounds		34.8	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	503	Soil	Soil	Hoff H4B	I2017032442	7440020	Nickel		60.5	MG/KG		########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008I	90120	1-Methylnaphthalene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008I	90131	1-Chloronaphthalene		0.56	MG/KG	U	########	########	1	
2166	907	12/11/2017	14:40	SV-SW	Soil	Soil	Hoff H4B	O2017008I	108-60-1	2,2'-oxybis(1-Chloropropane)		0.56	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	207089	Benzo(k)fluoranthene		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	218019	Chrysene		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	298044	Disulfoton		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	319857	beta-BHC		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7440473	Chromium		61.2	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	51218452	Metolachlor		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	51877748	trans-Permethrin		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	54774457	cis-Permethrin		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	75014	Chloroethene (vinyl chloride)		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	10061015	cis-1,3-Dichloropropene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	101553	4-Bromophenyl-phenyl ether		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	103651	n-Propylbenzene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	106467	1,4-Dichlorobenzene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	106467	1,4-Dichlorobenzene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	108054	Vinyl Acetate		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	108883	Toluene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	117840	Di-n-octylphthalate		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	120821	1,2,4-Trichlorobenzene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	120821	1,2,4-Trichlorobenzene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	74975	Bromochloromethane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	75150	Carbon Disulfide		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	75694	Trichlorofluoromethane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	79005	1,1,2-Trichloroethane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	85687	Butylbenzylphthalate		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	10595956	N-Nitrosomethylethylamine		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	109068	2-Picoline (2-Methylpyridine)		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	120581	Isosafrole		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	126681	O,O,O-Triethylphosphorothioate		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	1888717	Hexachloropropene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	297972	Thionazine		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	3689245	Sulfotep		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	53963	2-Acetylaminofluorene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	58902	2,3,4,6-Tetrachlorophenol		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	60117	Dimethylaminoazobenzene		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	608935	Pentachlorobenzene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	66273	Methyl Methanesulfonate		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	82688	Pentachloronitrobenzene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	924163	N-Nitrosodibutylamine		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	930552	N-Nitrosopyrrolidine		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	98862	Acetophenone		1.2	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	205992	Benzo(b)fluoranthene		0.29	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	98953	Nitrobenzene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	124481	Dibromochloromethane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	87683	Hexachlorobutadiene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	87683	Hexachlorobutadiene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	88744	2-Nitroaniline		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	91203	Naphthalene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	91203	Naphthalene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	95476	o-Xylene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	95578	2-Chlorophenol		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	959988	Endosulfan I		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	99650	1,3-Dinitrobenzene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	87616	1,2,3-Trichlorobenzene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	91941	3,3'-Dichlorobenzidine		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	95501	1,2-Dichlorobenzene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	95501	1,2-Dichlorobenzene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	95954	2,4,5-Trichlorophenol		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	2172546	Cynazine		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	2675776	Chlorneb		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	298000	Methyl Parathion		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	319846	alpha-BHC		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	71432	Benzene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	510156	Chlorobenzilate		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	510156	Chlorobenzilate		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	5103719	alpha-Chlordane		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	53494705	Endrin Ketone		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	56235	Carbon Tetrachloride		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	1634044	Methyl Tert-Butyl Ether		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	129000	Pyrene		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	193395	Indeno-1,2,3-cd-pyrene		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	21087649	Metribuzin		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	23950585	Pronamide		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	2921882	Dursban		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	33213659	Endosulfan II		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	50293	4,4'-DDT		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	51285	2,4-Dinitrophenol		5.8	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	53703	Dibenzo(a,h)anthracene		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7429905	Aluminum		32212	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032443		Acidity		0	Each		########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	1330207	Total Xylenes		0	UG/KG		########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	100027	4-Nitrophenol		2.9	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	100425	Styrene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	100516	Benzyl alcohol		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	10061026	trans-1,3-Dichloropropene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	1024573	Heptachlor Epoxide		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	104518	n-Butylbenzene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	106478	4-Chloroaniline		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	108861	Bromobenzene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	108907	Chlorobenzene		136	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	109999	Tetrahydrofuran		136	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	111444	bis(2-Chloroethyl)ether		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	111911	bis(2-Chloroethoxy)methane		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	117817	bis(2-Ethylhexyl)phthalate		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	118741	Hexachlorobenzene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	118741	Hexachlorobenzene		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	120832	2,4-Dichlorophenol		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	56382	Ethyl Parathion		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	56553	Benz(a)anthracene		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	591786	2-Hexanone		340	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	59507	4-Chloro-3-methylphenol		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	60571	Dieldrin		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	621647	N-Nitrosodipropylamine		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	630206	1,1,1,2-Tetrachloroethane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	67663	Chloroform		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	7005723	4-Chlorophenyl-phenyl ether		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	72208	Endrin		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	72548	4,4'-DDD		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	7421934	Endrin Aldehyde		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	74953	Dibromomethane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	75252	Bromoform		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	75354	1,1-Dichloroethene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	75718	Dichlorodifluoromethane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7440-42-8	Boron		23.5	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	77474	Hexachlorocyclopentadiene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	77474	Hexachlorocyclopentadiene		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	78591	Isophorone		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	83329	Acenaphthene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	84662	Diethylphthalate		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	85018	Phenanthrene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	156592	cis-1,2-Dichloroethene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	1582098	Trifluralin		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	15972608	Alachlor		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	1861321	DCPA		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	1897456	Chlorothalonil		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	191242	Benzo(g,h,i)perylene		0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032443		Moisture		14.72	%		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032443		Solids		85.28	%		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7440097	Potassium		3860	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7439954	Magnesium		16035	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7440235	Sodium		386	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7439896	Iron		44483	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7439965	Manganese		414	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7440702	Calcium		2969	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7440508	Copper		53.7	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7439976	Mercury	<	0.117	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7440393	Barium		122	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7440666	Zinc		52.2	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I2017032442	7440622	Vanadium		79.3	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	100016	4-Nitroaniline		0.58	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	1031078	Endosulfan Sulfate		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	105679	2,4-Dimethylphenol		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	108678	1,3,5-Trimethylbenzene		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	108952	Phenol		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	120127	Anthracene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	121142	2,4-Dinitrotoluene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	594207	2,2-Dichloropropane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	606202	2,6-Dinitrotoluene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	62533	Aniline		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	62759	N-Nitrosodimethylamine		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	67641	Acetone		679	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	67721	Hexachloroethane		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	72435	Methoxychlor		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	75274	Bromodichloromethane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O2017008I	76448	Heptachlor		10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O2017008I	79345	1,1,2,2-Tetrachloroethane		67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	84742	Di-n-butylphthalate		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	86737	Fluorene		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	100754	N-nitrosopiperidine		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O2017008I	110861	Pyridine		0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil

2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	2303164	Diallate (Cis & Trans)	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	298022	Phorate	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	465736	Isodrin	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	55185	N-Nitrosodiethylamine	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	59892	N-Nitrosomorpholine	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	60515	Dimethoate	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	62500	Ethyl methanesulfonate	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	76017	Pentachlorethane	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	87650	2,6-Dichlorophenol	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	92671	4-Aminobiphenyl	0.58	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	94597	Safrole	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	95943	1,2,4,5-Tetrachlorobenzene	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	99558	5-Nitro-o-toluidine	0.58	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	96184	1,2,3-Trichloropropane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	99876	4-Isopropyltoluene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	88062	2,4,6-Trichlorophenol	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	88857	Dinoseb	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	91587	2-Chloronaphthalene	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	95498	o-Chlorotoluene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	208968	Acenaphthylene	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O20170080	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O20170080	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O20170080	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	50328	Benzo(a)pyrene	0.29	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O20170080	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	541731	1,3-Dichlorobenzene	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	541731	1,3-Dichlorobenzene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	106934	1,2-Dibromoethane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	98566	PCTFB	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	87865	Pentachlorophenol	1.2	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	88755	2-Nitrophenol	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	91576	2-Methylnaphthalene	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	95487	2-Methylphenol	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	95636	1,2,4-Trimethylbenzene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	96128	1,2-Dibromo-3-chloropropane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	131113	Dimethylphthalate	0.58	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O20170080	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	206440	Fluoranthene	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	99092	3-Nitroaniline	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324 43		Prep	0			########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	100414	Ethylbenzene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	106434	p-Chlorotoluene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	108101	MIBK	340	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	108383	m/p-Xylene	136	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	127184	Tetrachloroethene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	132649	Dibenzofuran	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	135988	Sec-Butylbenzene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	142289	1,3-Dichloropropane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	156605	trans-1,2-Dichloroethene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	534521	4,6-Dinitro-2-methylphenol	1.2	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	563586	1,1-Dichloropropene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O20170080	58899	Lindane	10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	71556	1,1,1-Trichloroethane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O20170080	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	74839	Bromomethane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	74873	Chloromethane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	75003	Chloroethane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	75092	Methylene Chloride	136	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	75343	1,1-Dichloroethane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	78875	1,2-Dichloropropane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	78933	MEK	340	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	79016	Trichloroethene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	TCXSW	Soil	Soil	Hoff H4T	O20170080	8001352	Toxaphene	0.0998	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	95534	o-Toluidine	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	98066	Tert-Butylbenzene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	98828	Isopropylbenzene	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	107062	1,2-Dichloroethane	67.9	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	1319773	3&4-Methylphenol	1.2	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	75650	t-Butyl alcohol	679	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	98555	a-Terpineol	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080	540885	tert-Butyl Acetate	340	UG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	DIOXA	Soil	Soil	Hoff H4T	O20170080	123911	1,4-Dioxane	61.1	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324 43		Weight	0.5	GRAMS		########	########	1	
2166	908	12/11/2017	14:45	TCXSW	Soil	Soil	Hoff H4T	O20170080 753		EXTRACTED DATE	12152017	Day		########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080 737		EXTRACTED DATE	12182017	Day		########	########	1	
2166	908	12/11/2017	14:45	DIOXA	Soil	Soil	Hoff H4T	O20170080 729		EXTRACTED DATE	12122017	Day		########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080 721		EXTRACTED DATE	12122017	Day		########	########	1	
2166	908	12/11/2017	14:45	PSTSW	Soil	Soil	Hoff H4T	O20170080 745		EXTRACTED DATE	12152017	Day		########	########	1	
2166	908	12/11/2017	14:45	DIOXA	Soil	Soil	Hoff H4T	O20170080 729		EXTRACTED TIME	1008	Hr		########	########	1	
2166	908	12/11/2017	14:45	VOASW	Soil	Soil	Hoff H4T	O20170080 721		EXTRACTED TIME	853	Hr		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324	7440224	Silver	< 0.586	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324	7440439	Cadmium	< 0.586	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324	7439921	Lead	7.86	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324	7440360	Antimony	< 1.17	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324	7440382	Arsenic	3.52	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324	7782492	Selenium	< 4.1	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324-7440-28-0		Thallium	< 1.17	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324	7440417	Beryllium	2.58	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324 43		Cobalt Compounds	26.8	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	503	Soil	Soil	Hoff H4T	I20170324	7440020	Nickel	39.6	MG/KG		########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	90120	1-Methylnaphthalene	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080	90131	1-Chloronaphthalene	0.58	MG/KG	U	########	########	1	
2166	908	12/11/2017	14:45	SV-SW	Soil	Soil	Hoff H4T	O20170080 108-60-1		2,2'-oxybis(1-Chloropropane)	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	207089	Benzo(k)fluoranthene	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	218019	Chrysene	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	298044	Disulfoton	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	319857	beta-BHC	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff H5B	I20170325	7440473	Chromium	66	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	51218452	Metolachlor	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	51877748	trans-Permethrin	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	54774457	cis-Permethrin	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	75014	Chloroethene (vinyl chloride)	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	10061015	cis-1,3-Dichloropropene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	101553	4-Bromophenyl-phenyl ether	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	103651	n-Propylbenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	106467	1,4-Dichlorobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	106467	1,4-Dichlorobenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	108054	Vinyl Acetate	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	108883	Toluene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	117840	Di-n-octylphthalate	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	120821	1,2,4-Trichlorobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	120821	1,2,4-Trichlorobenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	74975	Bromochloromethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	75150	Carbon Disulfide	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	75694	Trichlorofluoromethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	79005	1,1,2-Trichloroethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	85687	Butylbenzylphthalate	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	10595956	N-Nitrosomethylethylamine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	109068	2-Picoline (2-Methylpyridine)	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	120581	Isosafrole	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	126681	O,O,O-Triethylphosphorothioate	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	1888717	Hexachloropropene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	297972	Thionazine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	3689245	Sulfotep	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	53963	2-Acetylaminofluorene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	58902	2,3,4,6-Tetrachlorophenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	60117	Dimethylaminoazobenzene	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	608935	Pentachlorobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	66273	Methyl Methanesulfonate	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	82688	Pentachloronitrobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	924163	N-Nitrosodibutylamine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	930552	N-Nitrosopyrrolidine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	98862	Acetophenone	1.2	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	205992	Benzo(b)fluoranthene	0.29	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	98953	Nitrobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	124481	Dibromochloromethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	87683	Hexachlorobutadiene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	87683	Hexachlorobutadiene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	88744	2-Nitroaniline	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	91203	Naphthalene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	91203	Naphthalene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	95476	o-Xylene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	95578	2-Chlorophenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	959988	Endosulfan I	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	99650	1,3-Dinitrobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	87616	1,2,3-Trichlorobenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	91941	3,3'-Dichlorobenzidine	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	95501	1,2-Dichlorobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	95501	1,2-Dichlorobenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	95954	2,4,5-Trichlorophenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	21725462	Cyanazine	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	2675776	Chlorneb	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	298000	Methyl Parathion	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	319846	alpha-BHC	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	71432	Benzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	510156	Chlorobenzilate	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	510156	Chlorobenzilate	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	56235	Carbon Tetrachloride	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff H5B	O20170080	1634044	Methyl Tert-Butyl Ether	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	129000	Pyrene	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	193395	Indeno-1,2,3-cd-pyrene	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff H5B	O20170080	21087649	Metribuzin	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff H5B	O20170080	23950585	Pronamide	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff

2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	51285	2,4-Dinitrophenol	5.8	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	53703	Dibenzo(a,h)anthracene	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7429905	Aluminum	47845	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032568		Acidity	0	Each		########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	1330207	Total Xylenes	0	UG/KG		########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	100027	4-Nitrophenol	2.9	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	100425	Styrene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	100516	Benzyl alcohol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	10061026	trans-1,3-Dichloropropene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	1024573	Heptachlor Epoxide	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	104518	n-Butylbenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	106478	4-Chloroaniline	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	108861	Bromobenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	108907	Chlorobenzene	119	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	109999	Tetrahydrofuran	119	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	111444	bis(2-Chloroethyl)ether	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	111911	bis(2-Chloroethoxy)methane	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	117817	bis(2-Ethylhexyl)phthalate	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	118741	Hexachlorobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	120832	2,4-Dichlorophenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	56382	Ethyl Parathion	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	56553	Benz(a)anthracene	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	591786	2-Hexanone	298	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	59507	4-Chloro-3-methylphenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	60571	Dieldrin	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	621647	N-Nitrosodipropylamine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	630206	1,1,1,2-Tetrachloroethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	67663	Chloroform	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	7005723	4-Chlorophenyl-phenyl ether	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	72208	Endrin	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	72548	4,4'-DDD	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	7421934	Endrin Aldehyde	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	74953	Dibromomethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	75252	Bromoform	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	75354	1,1-Dichloroethene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	75718	Dichlorodifluoromethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7440-42-8	Boron	23.9	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	77474	Hexachlorocyclopentadiene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	77474	Hexachlorocyclopentadiene	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	78591	Isophorone	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	83329	Acenaphthene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	84662	Diethylphthalate	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	85018	Phenanthrene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	156592	cis-1,2-Dichloroethene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	1582098	Trifluralin	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	15972608	Alachlor	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	1861321	DCPA	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	1897456	Chlorothalonil	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	191242	Benzo(g,h,i)perylene	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032568		Moisture	16.25	%		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032568		Solids	83.75	%		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7440097	Potassium	4467	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7439954	Magnesium	15916	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7440235	Sodium	460	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7439896	Iron	47928	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7439965	Manganese	471	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7440702	Calcium	3641	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7440508	Copper	67.5	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7439976	Mercury <	0.119	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7440393	Barium	118	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7440666	Zinc	68.2	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032(	7440622	Vanadium	76.2	MG/KG		########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	100016	4-Nitroaniline	0.58	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	1031078	Endosulfan Sulfate	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	105679	2,4-Dimethylphenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	108678	1,3,5-Trimethylbenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	108952	Phenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	120127	Anthracene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	121142	2,4-Dinitrotoluene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	594207	2,2-Dichloropropane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	606202	2,6-Dinitrotoluene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	62533	Aniline	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	62759	N-Nitrosodimethylamine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	67641	Acetone	596	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	67721	Hexachloroethane	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	72435	Methoxychlor	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	75274	Bromodichloromethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	76448	Heptachlor	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	79345	1,1,2,2-Tetrachloroethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	84742	Di-n-butylphthalate	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	86737	Fluorene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	100754	N-nitrosopiperidine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	110861	Pyridine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	122394	Diphenylamine	1.2	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	130154	1,4-Naphthoquinone	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	140578	Aramite	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	2303164	Diallate (Cis & Trans)	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	298022	Phorate	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	465736	Isodrin	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	55185	N-Nitrosodiethylamine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	59892	N-Nitrosomorpholine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	60515	Dimethoate	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	62500	Ethyl methanesulfonate	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	76017	Pentachlorethane	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	87650	2,6-Dichlorophenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	92671	4-Aminobiphenyl	0.58	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	94597	Safrole	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	95943	1,2,4,5-Tetrachlorobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	99558	5-Nitro-o-toluidine	0.58	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	96184	1,2,3-Trichloropropane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	99876	4-Isopropyltoluene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	88062	2,4,6-Trichlorophenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	88857	Dinoseb	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	91587	2-Chloronaphthalene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	95498	o-Chlorotoluene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	208968	Acenaphthylene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	50328	Benzo(a)pyrene	0.29	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	541731	1,3-Dichlorobenzene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	541731	1,3-Dichlorobenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	106934	1,2-Dibromoethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	98566	PCTFB	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	87865	Pentachlorophenol	1.2	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	88755	2-Nitrophenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	91576	2-Methylnaphthalene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	95487	2-Methylphenol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	95636	1,2,4-Trimethylbenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	96128	1,2-Dibromo-3-chloropropane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	131113	Dimethylphthalate	0.58	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	206440	Fluoranthene	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	99092	3-Nitroaniline	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032568		Prep	0			########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	100414	Ethylbenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	106434	p-Chlorotoluene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	108101	MIBK	298	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	108383	m/p-Xylene	119	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	127184	Tetrachloroethene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	132649	Dibenzofuran	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	135988	Sec-Butylbenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	142289	1,3-Dichloropropane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	156605	trans-1,2-Dichloroethene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	534521	4,6-Dinitro-2-methylphenol	1.2	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	563586	1,1-Dichloropropene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	58899	Lindane	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	71556	1,1,1-Trichloroethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008(	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	74839	Bromomethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	74873	Chloromethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	75003	Chloroethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	75092	Methylene Chloride	119	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	75343	1,1-Dichloroethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	78875	1,2-Dichloropropane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	78933	MEK	298	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	79016	Trichloroethene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	TCKSW	Soil	Soil	Hoff HSB	O2017008(	8001352	Toxaphene	0.1	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	95534	o-Toluidine	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	98066	Tert-Butylbenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	98828	Isopropylbenzene	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	107062	1,2-Dichloroethane	59.6	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	1319773	3&4-Methylphenol	1.2	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	75650	t-Butyl alcohol	596	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008(	98555	a-Terpineol	0.58	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008(	540885	tert-Butyl Acetate	298	UG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	DIOXA	Soil	Soil	Hoff HSB	O2017008(	123911	1,4-Dioxane	56.2	MG/KG	U	########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032568		Weight	0.5	GRAMS		########	########	1	
2166	909	12/12/2017	13:15	TCKSW	Soil	Soil	Hoff HSB	O2017008788		EXTRACTED DATE	12152017	Day		########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008780		EXTRACTED DATE	12182017	Day		########	########	1	
2166	909	12/12/2017	13:15	DIOXA	Soil	Soil	Hoff HSB	O2017008770		EXTRACTED DATE	12132017	Day		########	########	1	
2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008766		EXTRACTED DATE	12132017	Day		########	########	1	
2166	909	12/12/2017	13:15	PSTSW	Soil	Soil	Hoff HSB	O2017008784		EXTRACTED DATE	12152017	Day		########	########	1	
2166	909	12/12/2017	13:15	DIOXA	Soil	Soil	Hoff HSB	O2017008770		EXTRACTED TIME	1008	Hr		########	########	1	

2166	909	12/12/2017	13:15	VOASW	Soil	Soil	Hoff HSB	O2017008766		EXTRACTED TIME			916	Hr			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032SI	7440224	Silver	<		0.597	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032SI	7440439	Cadmium	<		0.597	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032SI	7439921	Lead			8.12	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032SI	7440360	Antimony	<		1.19	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032SI	7440382	Arsenic			3.7	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032SI	7782492	Selenium	<		4.18	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032SI	7440-28-0	Thallium	<		1.19	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032SI	7440417	Beryllium			2.92	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032568		Cobalt Compounds			16.2	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	503	Soil	Soil	Hoff HSB	I2017032SI	7440020	Nickel			44.9	MG/KG			########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008SI	90120	1-Methylnaphthalene			0.58	MG/KG		U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008SI	90131	1-Chloronaphthalene			0.58	MG/KG		U	########	########	1	
2166	909	12/12/2017	13:15	SV-SW	Soil	Soil	Hoff HSB	O2017008SI	108-60-1	2,2'-oxybis(1-Chloropropane)			0.58	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	207089	Benzo(k)fluoranthene			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	218019	Chrysene			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	298044	Disulfoton			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	319857	beta-BHC			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440473	Chromium			51.4	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	51218452	Metolachlor			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	51877748	trans-Permethrin			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	54774457	cis-Permethrin			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	75014	Chloroethene (vinyl chloride)			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	10061015	cis-1,3-Dichloropropene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	101553	4-Bromophenyl-phenyl ether			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	103651	n-Propylbenzene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	106467	1,4-Dichlorobenzene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	106467	1,4-Dichlorobenzene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	108054	Vinyl Acetate			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	108883	Toluene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	117840	Di-n-octylphthalate			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	120821	1,2,4-Trichlorobenzene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	120821	1,2,4-Trichlorobenzene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	74975	Bromochloromethane			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	75150	Carbon Disulfide			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	75694	Trichlorofluoromethane			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	79005	1,1,2-Trichloroethane			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	85687	Butylbenzylphthalate			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	10595956	N-Nitrosomethylethylamine			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	109068	2-Picoline (2-Methylpyridine)			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	120581	Isosafrole			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	126681	O,O,O-Triethylphosphorothioate			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	1888717	Hexachloropropene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	297972	Thionazine			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	3689245	Sulfotep			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	53963	2-Acetylaminofluorene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	58902	2,3,4,6-Tetrachlorophenol			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	60117	Dimethylaminoazobenzene			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	608935	Pentachlorobenzene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	66273	Methyl Methanesulfonate			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	82688	Pentachloronitrobenzene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	924163	N-Nitrosodibutylamine			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	930552	N-Nitrosopyrrolidine			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	98862	Acetophenone			1.2	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	205992	Benzo(b)fluoranthene			0.3	MG/KG		U	########	########	1	Includes benzo(j)fluoranthene
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	98953	Nitrobenzene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	124481	Dibromochloromethane			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	87683	Hexachlorobutadiene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	87683	Hexachlorobutadiene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	88744	2-Nitroaniline			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	91203	Naphthalene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	91203	Naphthalene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	95476	o-Xylene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	95578	2-Chlorophenol			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	959988	Endosulfan I			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	99650	1,3-Dinitrobenzene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	87616	1,2,3-Trichlorobenzene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	91941	3,3'-Dichlorobenzidine			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	95501	1,2-Dichlorobenzene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	95501	1,2-Dichlorobenzene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	95954	2,4,5-Trichlorophenol			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	21725462	Cyanazine			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	2675776	Chlorneb			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	298000	Methyl Parathion			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	319846	alpha-BHC			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	71432	Benzene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	510156	Chlorobenzilate			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	510156	Chlorobenzilate			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	5103719	alpha-Chlordane			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	53494705	Endrin Ketone			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	56235	Carbon Tetrachloride			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	1634044	Methyl Tert-Butyl Ether			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	129000	Pyrene			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	193395	Indeno-1,2,3-cd-pyrene			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	21087649	Metribuzin			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	23950585	Pronamide			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	2921882	Dursban			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	33213659	Endosulfan II			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	50293	4,4'-DDT			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	51285	2,4-Dinitrophenol			6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	53703	Dibenzo(a,h)anthracene			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7429905	Aluminum			45269	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032569		Acidity			0	Each			########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	1330207	Total Xylenes			0	UG/KG			########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	100027	4-Nitrophenol			3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	100425	Styrene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	100516	Benzyl alcohol			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	10061026	trans-1,3-Dichloropropene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	1024573	Heptachlor Epoxide			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	104518	n-Butylbenzene			78.8	UG/KG			########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	106478	4-Chloroaniline			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	108861	Bromobenzene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	108907	Chlorobenzene			127	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	109999	Tetrahydrofuran			127	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	111444	bis(2-Chloroethyl)ether			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	111911	bis(2-Chloroethoxy)methane			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	117817	bis(2-Ethylhexyl)phthalate			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	118741	Hexachlorobenzene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	118741	Hexachlorobenzene			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	120832	2,4-Dichlorophenol			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	56382	Ethyl Parathion			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	56553	Benz(a)anthracene			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	591786	2-Hexanone			317	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	59507	4-Chloro-3-methylphenol			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	60571	Dieldrin			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	621647	N-Nitrosodipropylamine			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	630206	1,1,1,2-Tetrachloroethane			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	67663	Chloroform			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	7005723	4-Chlorophenyl-phenyl ether			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	72208	Endrin			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	72548	4,4'-DDD			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	7421934	Endrin Aldehyde			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	74953	Dibromomethane			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	75252	Bromoform			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	75354	1,1-Dichloroethene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	75718	Dichlorodifluoromethane			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440-42-8	Boron			22.6	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	77474	Hexachlorocyclopentadiene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	77474	Hexachlorocyclopentadiene			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	78591	Isophorone			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	83329	Acenaphthene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	84662	Diethylphthalate			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	85018	Phenanthrene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	156592	cis-1,2-Dichloroethene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	1582098	Trifluralin			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	15972608	Alachlor			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	1861321	DCPA			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	1897456	Chlorothalonil			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	191242	Benzo(g,h,i)perylene			0.3	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032569		Moisture			11.43	%			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032569		Solids			88.57	%			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440097	Potassium			2780	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7439954	Magnesium			15101	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440235	Sodium			354	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7439896	Iron			39765	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7439965	Manganese			664	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440702	Calcium			3500	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440508	Copper			9.09	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7439976	Mercury	<		0.113	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440393	Barium			63.6	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440666	Zinc			95.3	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440622	Vanadium			57.6	MG/KG			########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	100016	4-Nitroaniline			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008SI	1031078	Endosulfan Sulfate			10	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	105679	2,4-Dimethylphenol			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	108678	1,3,5-Trimethylbenzene			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	108952	Phenol			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	120127	Anthracene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	121142	2,4-Dinitrotoluene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008SI	594207	2,2-Dichloropropane			63.4	UG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	606202	2,6-Dinitrotoluene			0.6	MG/KG		U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008SI	62533	Aniline			0.6	M

2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008I		76448	Heptachlor		10	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		79345	1,1,2,2-Tetrachloroethane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		84742	Di-n-butylphthalate		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		86737	Fluorene		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		100754	N-nitrosopiperidine		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		110861	Pyridine		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		122394	Diphenylamine		1.2	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		130154	1,4-Naphthoquinone		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		140578	Aramite		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		2303164	Diallate (Cis & Trans)		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		298022	Phorate		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		465736	Isodrin		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		55185	N-Nitrosodiethylamine		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		59892	N-Nitrosomorpholine		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		60515	Dimethoate		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		62500	Ethyl methanesulfonate		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		76017	Pentachlorethane		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		87650	2,3-Dichlorophenol		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		92671	4-Aminobiphenyl		0.6	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		94597	Safrole		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		95943	1,2,4,5-Tetrachlorobenzene		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		99558	5-Nitro-o-toluidine		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		96184	1,2,3-Trichloropropane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		99876	4-Isopropyltoluene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		88062	2,4,6-Trichlorophenol		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		88857	Dinoseb		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		91587	2-Chloronaphthalene		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		95498	o-Chlorotoluene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		208968	Acenaphthylene		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008I		2593159	Etridiazole		10	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008I		309002	Aldrin		10	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008I		319868	delta-BHC		10	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		50328	Benzo(a)pyrene		0.3	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008I		5103742	gamma-Chlordane		10	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		541731	1,3-Dichlorobenzene		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		541731	1,3-Dichlorobenzene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		106934	1,2-Dibromoethane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		98566	PCTFB		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		87865	Pentachlorophenol		1.2	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		88755	2-Nitrophenol		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		91576	2-Methylnaphthalene		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		95487	2-Methylphenol		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		95636	1,2,4-Trimethylbenzene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		96128	1,2-Dibromo-3-chloropropane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		131113	Dimethylphthalate		0.6	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008I		1918167	Propachlor		10	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		206440	Fluoranthene		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		99092	3-Nitroaniline		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032569			Prep		0			########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		100414	Ethylbenzene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		106434	p-Chlorotoluene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		108101	MIBK		317	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		108383	m/p-Xylene		127	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		127184	Tetrachloroethene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		132649	Dibenzofuran		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		135988	Sec-Butylbenzene		74.3	UG/KG		########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		142289	1,3-Dichloropropane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		156605	trans-1,2-Dichloroethene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		534521	4,6-Dinitro-2-methylphenol		1.2	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		563586	1,1-Dichloropropene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008I		58899	Lindane		10	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		71556	1,1,1-Trichloroethane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008I		72559	4,4'-DDE		10	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		74839	Bromomethane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		74873	Chloromethane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		75003	Chloroethane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		75092	Methylene Chloride		127	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		75343	1,1-Dichloroethane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		78875	1,2-Dichloropropane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		78933	MEK		317	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		79016	Trichloroethene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	TCXSW	Soil	Soil	Hoff HST	O2017008I		8001352	Toxaphene		0.1	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		95534	o-Toluidine		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		98066	Tert-Butylbenzene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		98828	Isopropylbenzene		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		107062	1,2-Dichloroethane		63.4	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		1319773	3&4-Methylphenol		1.2	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		75650	t-Butyl alcohol		634	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		98555	a-Terpineol		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008I		540885	tert-Butyl Acetate		317	UG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	DIOXA	Soil	Soil	Hoff HST	O2017008I		123911	1,4-Dioxane		56.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032569			Weight		0.5	GRAMS		########	########	1	
2166	910	12/12/2017	13:20	TCXSW	Soil	Soil	Hoff HST	O2017008789			EXTRACTED DATE		12152017	Day		########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008781			EXTRACTED DATE		12182017	Day		########	########	1	
2166	910	12/12/2017	13:20	DIOXA	Soil	Soil	Hoff HST	O2017008771			EXTRACTED DATE		12132017	Day		########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008767			EXTRACTED DATE		12132017	Day		########	########	1	
2166	910	12/12/2017	13:20	PSTSW	Soil	Soil	Hoff HST	O2017008785			EXTRACTED DATE		12152017	Day		########	########	1	
2166	910	12/12/2017	13:20	DIOXA	Soil	Soil	Hoff HST	O2017008771			EXTRACTED TIME		1300	Hr		########	########	1	
2166	910	12/12/2017	13:20	VOASW	Soil	Soil	Hoff HST	O2017008767			EXTRACTED TIME		916	Hr		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI		7440224	Silver	<	0.564	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI		7440439	Cadmium	<	0.564	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI		7439921	Lead		6.21	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI		7440360	Antimony	<	1.13	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI		7440382	Arsenic		3.1	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI		7782492	Selenium	<	3.95	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI	7440-28-0		Thallium	<	1.13	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI		7440417	Beryllium		2.71	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032569			Cobalt Compounds		23.9	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	503	Soil	Soil	Hoff HST	I2017032SI		7440020	Nickel		43.1	MG/KG		########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		90120	1-Methylnaphthalene		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I		90131	1-Chloronaphthalene		0.6	MG/KG	U	########	########	1	
2166	910	12/12/2017	13:20	SV-SW	Soil	Soil	Hoff HST	O2017008I	108-60-1		2,2'-oxybis(1-Chloropropane)		0.6	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		207089	Benzo(k)fluoranthene		0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		218019	Chrysene		0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		298044	Disulfoton		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	O2017008I		319857	beta-BHC		10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S:		7440473	Chromium		54.6	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	O2017008I		5121845	Metolachlor		10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	O2017008I		51877748	trans-Permethrin		10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	O2017008I		54774457	cis-Permethrin		10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		75014	Chloroethene (vinyl chloride)		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		10061015	cis-1,3-Dichloropropene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		101553	4-Bromophenyl-phenyl ether		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		103651	n-Propylbenzene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		106467	1,4-Dichlorobenzene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		106467	1,4-Dichlorobenzene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		108054	Vinyl Acetate		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		108883	Toluene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		117840	Di-n-octylphthalate		0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		120821	1,2,4-Trichlorobenzene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		120821	1,2,4-Trichlorobenzene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		74975	Bromochloromethane		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		75150	Carbon Disulfide		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		75694	Trichlorofluoromethane		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		79005	1,1,2-Trichloroethane		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		85687	Butylbenzylphthalate		0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		10595956	N-Nitrosomethylethylamine		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		109068	2-Picoline (2-Methylpyridine)		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		120581	Isosafrole		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		126681	O,O,O-Triethylphosphorothioate		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		1888717	Hexachloropropene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		297972	Thionazine		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		3689245	Sulfotep		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		53963	2-Acetylaminofluorene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		58902	2,3,4,6-Tetrachlorophenol		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		60117	Dimethylaminoazobenzene		0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		608935	Pentachlorobenzene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		66273	Methyl Methanesulfonate		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		82688	Pentachloronitrobenzene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		924163	N-Nitrosodibutylamine		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		930552	N-Nitrosopyrrolidine		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		98862	Acetophenone		1.2	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		205992	Benzo(b)fluoranthene		0.3	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		98953	Nitrobenzene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		124481	Dibromochloromethane		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		87683	Hexachlorobutadiene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		87683	Hexachlorobutadiene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		88744	2-Nitroaniline		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		91203	Naphthalene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		91203	Naphthalene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		95476	o-Xylene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		95578	2-Chlorophenol		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	O2017008I		959988	Endosulfan I		10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		99650	1,3-Dinitrobenzene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		87616	1,2,3-Trichlorobenzene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		91941	3,3'-Dichlorobenzidine		0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		95501	1,2-Dichlorobenzene		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008I		95501	1,2-Dichlorobenzene		54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		95954	2,4,5-Trichlorophenol		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	O2017008I		21725462	Cyanazine		10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	O2017008I		2675776	Chlorneb		10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008I		298000	Methyl Parathion		0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	O2017008I		319846	alpha-BHC		10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VO

2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	56235	Carbon Tetrachloride	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	1634044	Methyl Tert-Butyl Ether	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	129000	Pyrene	0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	193395	Indeno-1,2,3-cd-pyrene	0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	21087649	Metribuzin	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	23950585	Pronamide	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	2921882	Dursban	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	33213659	Endosulfan II	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	51285	2,4-Dinitrophenol	5.9	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	53703	Dibenzo(a,h)anthracene	0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I201703251	7429905	Aluminum	37333	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I201703257(		Acidity	0	Each		########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	1330207	Total Xylenes	0	UG/KG		########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	100027	4-Nitrophenol	3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	100425	Styrene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	100516	Benzyl Alcohol	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	10061026	trans-1,3-Dichloropropene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	1024573	Heptachlor Epoxide	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	104518	n-Butylbenzene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	106478	4-Chloroaniline	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	108861	Bromobenzene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	108907	Chlorobenzene	108	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	109999	Tetrahydrofuran	108	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	111444	bis(2-Chloroethyl)ether	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	111911	bis(2-Chloroethoxy)methane	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	117817	bis(2-Ethylhexyl)phthalate	0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	118741	Hexachlorobenzene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	120832	2,4-Dichlorophenol	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	56382	Ethyl Parathion	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	56553	Benz(a)anthracene	0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	591786	2-Hexanone	270	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	59507	4-Chloro-3-methylphenol	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	60571	Dieldrin	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	621647	N-Nitrosodipropylamine	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	630206	1,1,1,2-Tetrachloroethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	67663	Chloroform	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	7005723	4-Chlorophenyl-phenyl ether	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	72208	Endrin	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	72548	4,4'-DDD	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	7421934	Endrin Aldehyde	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	74953	Dibromomethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	75252	Bromoform	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	75354	1,1-Dichloroethene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	75718	Dichlorodifluoromethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7440-42-8	Boron	23.3	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	77474	Hexachlorocyclopentadiene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	77474	Hexachlorocyclopentadiene	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	78591	Isophorone	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	83329	Acenaphthene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	84662	Diethylphthalate	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	85018	Phenanthrene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	156592	cis-1,2-Dichloroethene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	1582098	Trifluralin	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	15972608	Alachlor	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	1861321	DCPA	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	1897456	Chlorothalonil	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	191242	Benzo(g,h,i)perylene	0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I201703257(		Moisture	14.15	%		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I201703257(		Solids	85.85	%		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7440097	Potassium	6605	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7439954	Magnesium	16150	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7440235	Sodium	338	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7439896	Iron	37455	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7439965	Manganese	369	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7440702	Calcium	2529	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7440508	Copper	4.78	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7439976	Mercury <	0.116	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7440393	Barium	59.5	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7440666	Zinc	42.4	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I20170325:	7440622	Vanadium	60.7	MG/KG		########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	100016	4-Nitroaniline	0.59	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	1031078	Endosulfan Sulfate	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	105679	2,4-Dimethylphenol	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	108678	1,3,5-Trimethylbenzene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	108952	Phenol	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	120127	Anthracene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	121142	2,4-Dinitrotoluene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	594207	2,2-Dichloropropane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	606202	2,6-Dinitrotoluene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	62533	Aniline	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	62759	N-Nitrosodimethylamine	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	67641	Acetone	541	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	67721	Hexachloroethane	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	72435	Methoxychlor	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	75274	Bromodichloromethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	76448	Heptachlor	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	79345	1,1,2,2-Tetrachloroethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	84742	Di-n-butylphthalate	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	86737	Fluorene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	100754	N-nitrosopiperidine	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	110861	Pyridine	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	122394	Diphenylamine	1.2	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	130154	1,4-Naphthoquinone	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	140578	Aramite	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	2303164	Diallate (Cis & Trans)	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	298022	Phorate	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	465736	Isodrin	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	55185	N-Nitrosodiethylamine	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	59892	N-Nitrosomorpholine	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	60515	Dimethoate	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	62500	Ethyl methanesulfonate	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	76017	Pentachloroethane	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	87650	2,6-Dichlorophenol	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	92671	4-Aminobiphenyl	0.59	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	94597	Safrole	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	95943	1,2,4,5-Tetrachlorobenzene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	99558	5-Nitro-o-toluidine	0.59	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	96184	1,2,3-Trichloropropane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	99876	4-Isopropyltoluene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	88062	2,4,6-Trichlorophenol	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	88857	Dinoseb	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	91587	2-Chloronaphthalene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	95498	o-Chlorotoluene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	208968	Acenaphthylene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	50328	Benzo(a)pyrene	0.3	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	541731	1,3-Dichlorobenzene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	541731	1,3-Dichlorobenzene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	106934	1,2-Dibromoethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	98566	PCTFB	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	87865	Pentachlorophenol	1.2	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	88755	2-Nitrophenol	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	91576	2-Methylnaphthalene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	95487	2-Methylphenol	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	95636	1,2,4-Trimethylbenzene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	96128	1,2-Dibromo-3-chloropropane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	131113	Dimethylphthalate	0.59	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	206440	Fluoranthene	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	99092	3-Nitroaniline	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I201703257(		Prep	0			########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	100414	Ethylbenzene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	106434	p-Chlorotoluene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	108101	MIBK	270	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	108383	m/p-Xylene	108	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	127184	Tetrachloroethene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	132649	Dibenzofuran	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	135988	Sec-Butylbenzene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	142289	1,3-Dichloropropane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	156605	trans-1,2-Dichloroethene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	534521	4,6-Dinitro-2-methylphenol	1.2	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	563586	1,1-Dichloropropene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	58899	Lindane	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	71556	1,1,1-Trichloroethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	I2017008(	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	74839	Bromomethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	74873	Chloromethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	75003	Chloroethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	75092	Methylene Chloride	108	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	75343	1,1-Dichloroethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	78875	1,2-Dichloropropane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	78933	MEK	270	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	79016	Trichloroethene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	TCXSW	Soil	Soil	Hoff H6B	I2017008(	8001352	Toxaphene	0.1	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	95534	o-Toluidine	0.59	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	98066	Tert-Butylbenzene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	98828	Isopropylbenzene	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	107062	1,2-Dichloroethane	54.1	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	1319773	3&4-Methylphenol	1.2	MG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	I2017008(	75650	t-Butyl alcohol	541	UG/KG	U	########	########	1	
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	I2017008(	98555

2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008J	540885	tert-Butyl Acetate		270	UG/KG	U	########	########	1				
2166	911	12/12/2017	13:45	DIOXA	Soil	Soil	Hoff H6B	O2017008J	123911	1,4-Dioxane		52.4	MG/KG	U	########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032570		Weight		0.5	GRAMS		########	########	1				
2166	911	12/12/2017	13:45	TCXSW	Soil	Soil	Hoff H6B	O2017008790		EXTRACTED DATE		12152017	Day		########	########	1				
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008782		EXTRACTED DATE		12182017	Day		########	########	1				
2166	911	12/12/2017	13:45	DIOXA	Soil	Soil	Hoff H6B	O2017008772		EXTRACTED DATE		12132017	Day		########	########	1				
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008768		EXTRACTED DATE		12132017	Day		########	########	1				
2166	911	12/12/2017	13:45	PSTSW	Soil	Soil	Hoff H6B	O2017008786		EXTRACTED DATE		12152017	Day		########	########	1				
2166	911	12/12/2017	13:45	DIOXA	Soil	Soil	Hoff H6B	O2017008772		EXTRACTED TIME		1300	Hr		########	########	1				
2166	911	12/12/2017	13:45	VOASW	Soil	Soil	Hoff H6B	O2017008768		EXTRACTED TIME		916	Hr		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S:	7440224	Silver	<	0.582	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S:	7440439	Cadmium	<	0.582	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S:	7439921	Lead		3.26	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S:	7440360	Antimony	<	1.16	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S:	7440382	Arsenic	<	2.33	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S:	7782492	Selenium	<	4.08	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S: 7440-28-0		Thallium	<	1.16	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S:	7440417	Beryllium		1.98	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032570		Cobalt Compounds		18.8	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	503	Soil	Soil	Hoff H6B	I2017032S:	7440020	Nickel		42.5	MG/KG		########	########	1				
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008J	90120	1-Methylnaphthalene		0.59	MG/KG	U	########	########	1				
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008J	90131	1-Chloronaphthalene		0.59	MG/KG	U	########	########	1				
2166	911	12/12/2017	13:45	SV-SW	Soil	Soil	Hoff H6B	O2017008J		2,2'-oxybis(1-Chloropropane)		0.59	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	207089	Benzo(k)fluoranthene		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	218019	Chrysene		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	298044	Disulfoton		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	319857	beta-BHC		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7440473	Chromium		52.5	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	51218452	Metolachlor		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	51877748	trans-Permethrin		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	54774457	cis-Permethrin		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	75014	Chloroethene (vinyl chloride)		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	10061015	cis-1,3-Dichloropropene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	101553	4-Bromophenyl-phenyl ether		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	103651	n-Propylbenzene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	106467	1,4-Dichlorobenzene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	106467	1,4-Dichlorobenzene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	108054	Vinyl Acetate		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	108883	Toluene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	117840	Di-n-octylphthalate		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	120821	1,2,4-Trichlorobenzene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	120821	1,2,4-Trichlorobenzene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	74975	Bromochloromethane		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	75150	Carbon Disulfide		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	75694	Trichlorofluoromethane		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	79005	1,1,2-Trichloroethane		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	85687	Butylbenzylphthalate		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	10595956	N-Nitrosomethylethylamine		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	109068	2-Picoline (2-Methylpyridine)		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	120581	Isosafrole		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	126681	O,O,O-Triethylphosphorothioate		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	1888717	Hexachloropropene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	297972	Thionazine		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	3689245	Sulfotep		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	53963	2-Acetylaminofluorene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	58902	2,3,4,6-Tetrachlorophenol		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	60117	Dimethylaminoazobenzene		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	608935	Pentachlorobenzene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	66273	Methyl Methanesulfonate		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	82688	Pentachloronitrobenzene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	924163	N-Nitrosodibutylamine		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	930552	N-Nitrosopyrrolidine		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	98862	Acetophenone		1.2	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	205992	Benzo(b)fluoranthene		0.3	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene			
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	98953	Nitrobenzene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	124481	Dibromochloromethane		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	87683	Hexachlorobutadiene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	87683	Hexachlorobutadiene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	88744	2-Nitroaniline		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	91203	Naphthalene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	91203	Naphthalene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	95476	o-Xylene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	95578	2-Chlorophenol		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	959988	Endosulfan I		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	99650	1,3-Dinitrobenzene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	87616	1,2,3-Trichlorobenzene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	91941	3,3'-Dichlorobenzidine		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	95501	1,2-Dichlorobenzene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	95501	1,2-Dichlorobenzene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	95954	2,4,5-Trichlorophenol		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	2172546	Cyanazine		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	2675776	Chlorneb		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	298000	Methyl Parathion		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	319846	alpha-BHC		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	71432	Benzene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	510156	Chlorobenzilate		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	510156	Chlorobenzilate		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	5103719	alpha-Chlordane		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	53494705	Endrin Ketone		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	56235	Carbon Tetrachloride		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	1634044	Methyl Tert-Butyl Ether		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	129000	Pyrene		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	193395	Indeno-1,2,3-cd-pyrene		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	21087649	Metribuzin		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	23950585	Pronamide		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	2921882	Dursban		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	33213659	Endosulfan II		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	50293	4,4'-DDT		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	51285	2,4-Dinitrophenol		6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	53703	Dibenzo(a,h)anthracene		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7429905	Aluminum		33481	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571		Acidity		0	Each		########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	1330207	Total Xylenes		0	UG/KG		########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	100027	4-Nitrophenol		3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	100425	Styrene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	100516	Benzyl alcohol		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	10061026	trans-1,3-Dichloropropene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	1024573	Heptachlor Epoxide		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	104518	n-Butylbenzene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	106478	4-Chloroaniline		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	108861	Bromobenzene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	108907	Chlorobenzene		134	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	109999	Tetrahydrofuran		134	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	111444	bis(2-Chloroethyl)ether		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	111911	bis(2-Chloroethoxy)methane		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	117817	bis(2-Ethylhexyl)phthalate		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	118741	Hexachlorobenzene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	118741	Hexachlorobenzene		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	120832	2,4-Dichlorophenol		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	56382	Ethyl Parathion		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	56553	Benz(a)anthracene		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	591786	2-Hexanone		335	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	59507	4-Chloro-3-methylphenol		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	60571	Dieldrin		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	621647	N-Nitrosodipropylamine		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	630206	1,1,1,2-Tetrachloroethane		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	67663	Chloroform		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	7005723	4-Chlorophenyl-phenyl ether		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	72208	Endrin		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	72548	4,4'-DDD		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	7421934	Endrin Aldehyde		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	74953	Dibromomethane		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	75252	Bromoform		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	75354	1,1-Dichloroethene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	75718	Dichlorodifluoromethane		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S: 7440-42-8		Boron		24	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	77474	Hexachlorocyclopentadiene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	77474	Hexachlorocyclopentadiene		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	78591	Isophorone		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	83329	Acenaphthene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	84662	Diethylphthalate		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	85018	Phenanthrene		0.6	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008J	156592	cis-1,2-Dichloroethene		67	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	1582098	Trifluralin		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	15972608	Alachlor		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	1861321	DCPA		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008J	1897456	Chlorothalonil		10	UG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008J	191242	Benzo(g,h,i)perylene		0.3	MG/KG	U	########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571		Moisture		16.7	%		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571		Solids		83.3	%		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7440097	Potassium		6843	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7439954	Magnesium		15828	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7440235	Sodium		324	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7439896	Iron		30732	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7439965	Manganese		296	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7440702	Calcium		2953	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7440508	Copper		10.6	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7439976	Mercury	<	0.12	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7440393	Barium		89.1	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7440666	Zinc		49.9	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032S:	7440622	Vanadium		64	MG/KG		########	########	1				
2166	912	12/12/2017	13:50	S

2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	121142	2,4-Dinitrotoluene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	594207	2,2-Dichloropropane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	606202	2,6-Dinitrotoluene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	62533	Aniline	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	62759	N-Nitrosodimethylamine	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	67641	Acetone	670	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	67721	Hexachloroethane	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008(	72435	Methoxychlor	10	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	75274	Bromodichloromethane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008(	76448	Heptachlor	10	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	79345	1,1,2,2-Tetrachloroethane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	84742	Di-n-butylphthalate	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	86737	Fluorene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	100754	N-nitrosopiperidine	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	110861	Pyridine	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	122394	Diphenylamine	1.2	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	130154	1,4-Naphthoquinone	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	140578	Aramite	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	2303164	Diallate (Cis & Trans)	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	298022	Phorate	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	465736	Isodrin	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	55185	N-Nitrosodiethylamine	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	59892	N-Nitrosomorpholine	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	60515	Dimethoate	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	62500	Ethyl methanesulfonate	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	76017	Pentachlorethane	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	87650	2,6-Dichlorophenol	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	92671	4-Aminobiphenyl	0.6	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	94597	Safrole	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	95943	1,2,4,5-Tetrachlorobenzene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	99558	5-Nitro-o-toluidine	0.6	MG/KG	U	########	########	1	Continuing calibration recoveries low. Results and/or reporting limi
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	96184	1,2,3-Trichloropropane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	99876	4-Isopropyltoluene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	88062	2,4,6-Trichlorophenol	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	88857	Dinoseb	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	91587	2-Chloronaphthalene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	95498	o-Chlorotoluene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	208968	Acenaphthylene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008(	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008(	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008(	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	50328	Benzo(a)pyrene	0.3	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008(	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	541731	1,3-Dichlorobenzene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	541731	1,3-Dichlorobenzene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	106934	1,2-Dibromoethane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	98566	PCTFB	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	87865	Pentachlorophenol	1.2	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	88755	2-Nitrophenol	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	91576	2-Methylnaphthalene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	95487	2-Methylphenol	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	95636	1,2,4-Trimethylbenzene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	96128	1,2-Dibromo-3-chloropropane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	131113	Dimethylphthalate	0.6	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008(	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	206440	Fluoranthene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	99092	3-Nitroaniline	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571		Prep	0			########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	100414	Ethylbenzene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	106434	p-Chlorotoluene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	108101	MIBK	335	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	108383	m/p-Xylene	134	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	127184	Tetrachloroethene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	132649	Dibenzofuran	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	135988	Sec-Butylbenzene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	142289	1,3-Dichloropropane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	156605	trans-1,2-Dichloroethene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	534521	4,6-Dinitro-2-methylphenol	1.2	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	563586	1,1-Dichloropropene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008(	58899	Lindane	10	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	71556	1,1,1-Trichloroethane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008(	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	74839	Bromomethane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	74873	Chloromethane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	75003	Chloroethane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	75092	Methylene Chloride	134	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	75343	1,1-Dichloroethene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	78875	1,2-Dichloropropane	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	78933	MEK	335	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	79016	Trichloroethene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	TCXSW	Soil	Soil	Hoff H6T	O2017008(	8001352	Toxaphene	0.1	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	95534	o-Toluidine	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	98066	Tert-Butylbenzene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	98828	Isopropylbenzene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	107062	1,2-Dichloroethene	67	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	1319773	3&4-Methylphenol	1.2	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	75650	t-Butyl alcohol	670	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	98555	a-Terpineol	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008(	540885	tert-Butyl Acetate	335	UG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	DIOXA	Soil	Soil	Hoff H6T	O2017008(	123911	1,4-Dioxane	58.4	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571		Weight	0.5	GRAMS		########	########	1	
2166	912	12/12/2017	13:50	TCXSW	Soil	Soil	Hoff H6T	O2017008791		EXTRACTED DATE	12152017	Day		########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008783		EXTRACTED DATE	12182017	Day		########	########	1	
2166	912	12/12/2017	13:50	DIOXA	Soil	Soil	Hoff H6T	O2017008773		EXTRACTED DATE	12132017	Day		########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008769		EXTRACTED DATE	12132017	Day		########	########	1	
2166	912	12/12/2017	13:50	PSTSW	Soil	Soil	Hoff H6T	O2017008787		EXTRACTED DATE	12152017	Day		########	########	1	
2166	912	12/12/2017	13:50	DIOXA	Soil	Soil	Hoff H6T	O2017008773		EXTRACTED TIME	1300	Hr		########	########	1	
2166	912	12/12/2017	13:50	VOASW	Soil	Soil	Hoff H6T	O2017008769		EXTRACTED TIME	916	Hr		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571	7440224	Silver	< 0.6	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571	7440439	Cadmium	< 0.6	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571	7439921	Lead	19.7	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571	7440360	Antimony	< 1.2	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571	7440382	Arsenic	3.06	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571	7782492	Selenium	< 4.2	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571	7440-28-0	Thallium	< 1.2	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571	7440417	Beryllium	2.1	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571		Cobalt Compounds	20.5	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	503	Soil	Soil	Hoff H6T	I2017032571	7440020	Nickel	41.7	MG/KG		########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	90120	1-Methylnaphthalene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(	90131	1-Chloronaphthalene	0.6	MG/KG	U	########	########	1	
2166	912	12/12/2017	13:50	SV-SW	Soil	Soil	Hoff H6T	O2017008(108-60-1		2,2'-oxybis(1-Chloropropane)	0.6	MG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	319857	beta-BHC	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I2017032692	7440473	Chromium	56.4	MG/KG		########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	51218452	Metolachlor	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	51877748	trans-Permethrin	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	54774457	cis-Permethrin	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	75014	Chloroethene (vinyl chloride)	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	10061015	cis-1,3-Dichloropropene	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	103651	n-Propylbenzene	7500	UG/KG	Q	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	106467	1,4-Dichlorobenzene	86600	UG/KG		########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	108054	Vinyl Acetate	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	108883	Toluene	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	120821	1,2,4-Trichlorobenzene	27600	UG/KG	Q	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	74975	Bromochloromethane	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	75150	Carbon Disulfide	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	75694	Trichlorofluoromethane	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	79005	1,1,2-Trichloroethane	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	124481	Dibromochloromethane	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	87683	Hexachlorobutadiene	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	91203	Naphthalene	5120	UG/KG	Q	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	95476	o-Xylene	1060	UG/KG		########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	959988	Endosulfan I	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	87616	1,2,3-Trichlorobenzene	1070	UG/KG		########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	95501	1,2-Dichlorobenzene	125000	UG/KG		########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	2172546	Cyanazine	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	2675776	Chlorneb	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	319846	alpha-BHC	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	71432	Benzene	233	UG/KG		########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	510156	Chlorobenzilate	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	56235	Carbon Tetrachloride	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	1634044	Methyl Tert-Butyl Ether	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	2108764	Metribuzin	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	2921882	Dursban	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	33213659	Endosulfan II	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I2017032692	7429905	Aluminum	17974	MG/KG		########	########	1	
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I2017032692		Acidity	0	Each		########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	1330207	Total Xylenes	2780	UG/KG		########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	100425	Styrene	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	10061026	trans-1,3-Dichloropropene	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	1024573	Heptachlor Epoxide	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	104518	n-Butylbenzene	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	108861	Bromobenzene	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	108907	Chlorobenzene	348000	UG/KG		########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	109999	Tetrahydrofuran	104	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	591786	2-Hexanone	260	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	60571	Dieldrin	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	630206	1,1,1,2-Tetrachloroethane	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	67663	Chloroform	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	72208	Endrin	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	72548	4,4'-DDD	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O2017008E	7421934	Endrin Aldehyde	10	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	74953	Dibromomethane	51.9	UG/KG	U	########	########	1	
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O2017008E	75252	Bromoform	51.9	UG/KG	U	########	########	1	

2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	75354	1,1-Dichloroethene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	75718	Dichlorodifluoromethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440-42-8	Boron		23.2	MG/KG		########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	77474	Hexachlorocyclopentadiene		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	156592	cis-1,2-Dichloroethene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	1582098	Trifluralin		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	15972608	Alachlor		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	1861321	DCPA		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	1897456	Chlorothalonil		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	92	Moisture		13.85	%		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	92	Solids		86.15	%		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440097	Potassium		452	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7439954	Magnesium		10017	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440235	Sodium		359	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7439896	Iron		36878	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7439965	Manganese		323	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440702	Calcium		2803	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440508	Copper		24.2	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440393	Barium		99	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440666	Zinc		84.2	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440622	Vanadium		69.4	MG/KG		########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	1031078	Endosulfan Sulfate		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	108678	1,3,5-Trimethylbenzene		24200	UG/KG	Q	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	594207	2,2-Dichloropropane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	67641	Acetone		519	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	72435	Methoxychlor		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	75274	Bromodichloromethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	76448	Heptachlor		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	79345	1,1,2,2-Tetrachloroethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	96184	1,2,3-Trichloropropane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	99876	4-Isopropyltoluene		9900	UG/KG	Q	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	95498	o-Chlorotoluene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	2593159	Etridiazole		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	309002	Aldrin		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	319868	delta-BHC		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	5103742	gamma-Chlordane		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	541731	1,3-Dichlorobenzene		15400	UG/KG	Q	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	106934	1,2-Dibromoethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	98566	PCTFB		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	95636	1,2,4-Trimethylbenzene		55300	UG/KG	Q	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	96128	1,2-Dibromo-3-chloropropane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	1918167	Propachlor		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	92	Prep		0			########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	100414	Ethylbenzene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	106434	p-Chlorotoluene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	108101	MIBK		260	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	108383	m/p-Xylene		1720	UG/KG		########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	127184	Tetrachloroethene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	135988	Sec-Butylbenzene		5520	UG/KG	Q	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	142289	1,3-Dichloropropane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	156605	trans-1,2-Dichloroethene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	563586	1,1-Dichloropropene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	58899	Lindane		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	71556	1,1,1-Trichloroethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	72559	4,4'-DDE		10	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	74839	Bromomethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	74873	Chloromethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	75003	Chloroethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	75092	Methylene Chloride		104	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	75343	1,1-Dichloroethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	78875	1,2-Dichloropropane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	78933	MEK		260	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	79016	Trichloroethene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	TCKSW	Soil	Soil	Hoff H7	O20170088	8001352	Toxaphene		0.0998	MG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	98066	Tert-Butylbenzene		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	98828	Isopropylbenzene		1280	UG/KG		########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	107062	1,2-Dichloroethane		51.9	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	75650	t-Butyl alcohol		519	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	540885	tert-Butyl Acetate		260	UG/KG	U	########	########	1
2166	913	12/13/2017	12:20	DIOXA	Soil	Soil	Hoff H7	O20170088	123911	1,4-Dioxane		53.7	MG/KG	U	########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	92	Weight		0.5	GRAMS		########	########	1
2166	913	12/13/2017	12:20	TCKSW	Soil	Soil	Hoff H7	O20170088	835	EXTRACTED DATE		12152017	Day		########	########	1
2166	913	12/13/2017	12:20	DIOXA	Soil	Soil	Hoff H7	O20170088	814	EXTRACTED DATE		12142017	Day		########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	807	EXTRACTED DATE		12142017	Day		########	########	1
2166	913	12/13/2017	12:20	PSTSW	Soil	Soil	Hoff H7	O20170088	828	EXTRACTED DATE		12152017	Day		########	########	1
2166	913	12/13/2017	12:20	DIOXA	Soil	Soil	Hoff H7	O20170088	814	EXTRACTED TIME		1255	Hr		########	########	1
2166	913	12/13/2017	12:20	VOASW	Soil	Soil	Hoff H7	O20170088	807	EXTRACTED TIME		910	Hr		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440224	Silver	<	0.58	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440439	Cadmium		1.22	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7439921	Lead		18.3	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440360	Antimony	<	1.16	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440382	Arsenic		4.06	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7782492	Selenium	<	4.06	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440-28-0	Thallium	<	1.16	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440417	Beryllium		1.97	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	92	Cobalt Compounds		29.8	MG/KG		########	########	1
2166	913	12/13/2017	12:20	503	Soil	Soil	Hoff H7	I20170326	7440020	Nickel		36.7	MG/KG		########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	319857	beta-BHC		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7440473	Chromium		64.2	MG/KG		########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	51218452	Metolachlor		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	51877748	trans-Permethrin		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	54774457	cis-Permethrin		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	75014	Chloroethene (vinyl chloride)		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	10061015	cis-1,3-Dichloropropene		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	103651	n-Propylbenzene		3500	UG/KG	Q	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	106467	1,4-Dichlorobenzene		51600	UG/KG	Q	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	108054	Vinyl Acetate		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	108883	Toluene		168	UG/KG		########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	120821	1,2,4-Trichlorobenzene		7560	UG/KG	Q	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	74975	Bromochloromethane		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	75150	Carbon Disulfide		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	75694	Trichlorofluoromethane		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	79005	1,1,2-Trichloroethane		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	124481	Dibromochloromethane		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	87683	Hexachlorobutadiene		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	91203	Naphthalene		3300	UG/KG	Q	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	95476	o-Xylene		1320	UG/KG	Q	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	959988	Endosulfan I		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	87616	1,2,3-Trichlorobenzene		980	UG/KG	Q	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	95501	1,2-Dichlorobenzene		282000	UG/KG		########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	21725462	Cyanazine		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	2675776	Chlorneb		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	319846	alpha-BHC		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	71432	Benzene		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	510156	Chlorobenzilate		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	5103719	alpha-Chlordane		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	53494705	Endrin Ketone		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	56235	Carbon Tetrachloride		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	1634044	Methyl Tert-Butyl Ether		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	21087649	Metribuzin		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	2921882	Dursban		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	33213659	Endosulfan II		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	50293	4,4'-DDT		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7429905	Aluminum		42811	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	93	Acidity		0	Each		########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	1330207	Total Xylenes		3540	UG/KG		########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	100425	Styrene		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	10061026	trans-1,3-Dichloropropene		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	1024573	Heptachlor Epoxide		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	104518	n-Butylbenzene		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	108861	Bromobenzene		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	108907	Chlorobenzene		101000	UG/KG	Q	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	109999	Tetrahydrofuran		189	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	118741	Hexachlorobenzene		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	591786	2-Hexanone		473	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	60571	Dieldrin		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	630206	1,1,1,2-Tetrachloroethane		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	67663	Chloroform		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	72208	Endrin		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	72548	4,4'-DDD		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	7421934	Endrin Aldehyde		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	74953	Dibromomethane		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	75252	Bromoform		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	75354	1,1-Dichloroethene		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	75718	Dichlorodifluoromethane		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7440-42-8	Boron		24.4	MG/KG		########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	77474	Hexachlorocyclopentadiene		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	156592	cis-1,2-Dichloroethene		94.6	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	1582098	Trifluralin		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	15972608	Alachlor		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	1861321	DCPA		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	1897456	Chlorothalonil		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	93	Moisture		18.14	%		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	93	Solids		81.86	%		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7440097	Potassium		3869	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7439954	Magnesium		11685	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7440235	Sodium		556	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7439896	Iron		43153	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7439965	Manganese		444	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7440702	Calcium		5230	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7440508	Copper		29.1	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7439976	Mercury	<	0.122	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7440393	Barium		148	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7440666	Zinc		55.3	MG/KG		########	########	1
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I20170326	7440622	Vanadium		75.6	MG/KG		########	########	1
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O20170088	1031078	Endosulfan Sulfate		10	UG/KG	U	########	########	1
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O20170088	108678	1,3,5-Trimethylbenzene		9740	UG/KG	Q	########	########	1

2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	594207	2,2-Dichloropropane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	67641	Acetone	946	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008E	72435	Methoxychlor	10	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	75274	Bromodichloromethane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008E	76448	Heptachlor	10	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	79345	1,1,2,2-Tetrachloroethane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	96184	1,2,3-Trichloropropane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	99876	4-Isopropyltoluene	2590	UG/KG	Q	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	95498	o-Chlorotoluene	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008E	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008E	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008E	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008E	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	541731	1,3-Dichlorobenzene	4110	UG/KG	Q	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	106934	1,2-Dibromoethane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	98566	PCTFB	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	95636	1,2,4-Trimethylbenzene	24600	UG/KG	Q	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	96128	1,2-Dibromo-3-chloropropane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008E	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693		Prep	0			########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	100414	Ethylbenzene	411	UG/KG		########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	106434	p-Chlorotoluene	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	108101	MIBK	473	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	108383	m/p-Xylene	2220	UG/KG	Q	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	127184	Tetrachloroethene	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	135988	Sec-Butylbenzene	1560	UG/KG	Q	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	142289	1,3-Dichloropropane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	156605	trans-1,2-Dichloroethene	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	563586	1,1-Dichloropropene	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008E	58899	Lindane	10	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	71556	1,1,1-Trichloroethane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008E	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	74839	Bromomethane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	74873	Chloromethane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	75003	Chloroethane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	75092	Methylene Chloride	189	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	75343	1,1-Dichloroethane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	78875	1,2-Dichloropropane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	78933	MEK	473	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	79016	Trichloroethene	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	TCXSW	Soil	Soil	Hoff H8	O2017008E	8001352	Toxaphene	0.1	MG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	98066	Tert-Butylbenzene	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	98828	Isopropylbenzene	692	UG/KG		########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	107062	1,2-Dichloroethane	94.6	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	75650	t-Butyl alcohol	946	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008E	540885	tert-Butyl Acetate	473	UG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	DIOXA	Soil	Soil	Hoff H8	O2017008E	123911	1,4-Dioxane	70.5	MG/KG	U	########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693		Weight	0.5	GRAMS		########	########	1	
2166	914	12/13/2017	12:30	TCXSW	Soil	Soil	Hoff H8	O2017008836		EXTRACTED DATE	12152017	Day		########	########	1	
2166	914	12/13/2017	12:30	DIOXA	Soil	Soil	Hoff H8	O2017008815		EXTRACTED DATE	12142017	Day		########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008808		EXTRACTED DATE	12142017	Day		########	########	1	
2166	914	12/13/2017	12:30	PSTSW	Soil	Soil	Hoff H8	O2017008829		EXTRACTED DATE	12152017	Day		########	########	1	
2166	914	12/13/2017	12:30	DIOXA	Soil	Soil	Hoff H8	O2017008815		EXTRACTED TIME	1255	Hr		########	########	1	
2166	914	12/13/2017	12:30	VOASW	Soil	Soil	Hoff H8	O2017008808		EXTRACTED TIME	910	Hr		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693	7440224	Silver	0.611	MG/KG		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693	7440439	Cadmium	0.611	MG/KG		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693	7439921	Lead	16	MG/KG		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693	7440360	Antimony	1.22	MG/KG		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693	7440382	Arsenic	7.27	MG/KG		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693	7782492	Selenium	4.28	MG/KG		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693	7440-28-0	Thallium	1.22	MG/KG		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693	7440417	Beryllium	2.08	MG/KG		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693		Cobalt Compounds	19.1	MG/KG		########	########	1	
2166	914	12/13/2017	12:30	503	Soil	Soil	Hoff H8	I2017032693	7440020	Nickel	40.3	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	207089	Benzo(k)fluoranthene	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	218019	Chrysene	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	298044	Disulfoton	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	319857	beta-BHC	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440473	Chromium	92.2	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	51218452	Metolachlor	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	51877748	trans-Permethrin	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	54774457	cis-Permethrin	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75014	Chloroethene (vinyl chloride)	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	10061015	cis-1,3-Dichloropropene	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	101553	4-Bromophenyl-phenyl ether	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	103651	n-Propylbenzene	367	UG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	106467	1,4-Dichlorobenzene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	106467	1,4-Dichlorobenzene	3060	UG/KG	Q	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	108054	Vinyl Acetate	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	108883	Toluene	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	117840	Di-n-octylphthalate	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	120821	1,2,4-Trichlorobenzene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	120821	1,2,4-Trichlorobenzene	1260	UG/KG	Q	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	74975	Bromochloromethane	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75150	Carbon Disulfide	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75694	Trichlorofluoromethane	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	79005	1,1,2-Trichloroethane	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	85687	Butylbenzylphthalate	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	10595956	N-Nitrosomethylethylamine	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	109068	2-Picoline (2-Methylpyridine)	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	120581	Isosafrole	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	126681	O,O,O-Triethylphosphorothioate	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	1888717	Hexachloropropene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	297972	Thionazine	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	3689245	Sulfotep	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	53963	2-Acetylaminofluorene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	58902	2,3,4,6-Tetrachlorophenol	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	60117	Dimethylaminoazobenzene	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	608935	Pentachlorobenzene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	66273	Methyl Methanesulfonate	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	82688	Pentachloronitrobenzene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	924163	N-Nitrosodibutylamine	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	930552	N-Nitrosopyrrolidine	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	98862	Acetophenone	1.2	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	205992	Benzo(b)fluoranthene	0.31	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	98953	Nitrobenzene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	124481	Dibromochloromethane	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	87683	Hexachlorobutadiene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	87683	Hexachlorobutadiene	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	88744	2-Nitroaniline	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	91203	Naphthalene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	91203	Naphthalene	300	UG/KG		########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	95476	o-Xylene	115	UG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	95578	2-Chlorophenol	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	959988	Endosulfan I	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	99650	1,3-Dinitrobenzene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	87616	1,2,3-Trichlorobenzene	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	91941	3,3'-Dichlorobenzidine	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	95501	1,2-Dichlorobenzene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	95501	1,2-Dichlorobenzene	10600	UG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	95954	2,4,5-Trichlorophenol	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	2172546	Cyanazine	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	2675776	Chlorneb	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	298000	Methyl Parathion	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	319846	alpha-BHC	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	71432	Benzene	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	510156	Chlorobenzilate	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	510156	Chlorobenzilate	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	56235	Carbon Tetrachloride	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	1634044	Methyl Tert-Butyl Ether	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	129000	Pyrene	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	193395	Indeno-1,2,3-cd-pyrene	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	2108764	Metribuzin	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	23950585	Pronamide	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	2921882	Dursban	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	33213659	Endosulfan II	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	51285	2,4-Dinitrophenol	6.3	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	53703	Dibenzo(a,h)anthracene	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7429905	Aluminum	59985	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032694		Acidity	0	Each		########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	1330207	Total Xylenes	115	UG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	100027	4-Nitrophenol	3.1	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	100425	Styrene	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	100516	Benzyl alcohol	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	10061026	trans-1,3-Dichloropropene	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	1024573	Heptachlor Epoxide	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	104518	n-Butylbenzene	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	106478	4-Chloroaniline	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	108861	Bromobenzene	74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	108907	Chlorobenzene	2860	UG/KG	Q	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	109999	Tetrahydrofuran	149	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	111444	bis(2-Chloroethyl)ether	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	111911	bis(2-Chloroethoxy)methane	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	117817	bis(2-Ethylhexyl)phthalate	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	118741	Hexachlorobenzene	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	120832	2,4-Dichlorophenol	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	56382	Ethyl Parathion	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	56553	Benz[a]anthracene	0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	591786	2-Hexanone	372	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	59507	4-Chloro-3-methylphenol	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	60571	Dieldrin	10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	621647	N-Nitrosodipropylamine	0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	630206	1,1,1,2-Tetrachloroethane	74.4	UG/KG	U	########	########	1	

2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	67663	Chloroform		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	7005723	4-Chlorophenyl-phenyl ether		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	72208	Endrin		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	72548	4,4'-DDD		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	7421934	Endrin Aldehyde		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	74953	Dibromomethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75252	Bromoform		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75354	1,1-Dichloroethene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75718	Dichlorodifluoromethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440-42-8	Boron		25.2	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	77474	Hexachlorocyclopentadiene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	77474	Hexachlorocyclopentadiene		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	78591	Isophorone		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	83329	Acenaphthene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	84662	Diethylphthalate		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	85018	Phenanthrene		0.76	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	156592	cis-1,2-Dichloroethene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	1582098	Trifluralin		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	15972608	Alachlor		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	1861321	DCPA		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	1897456	Chlorothalonil		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	191242	Benzo(g,h,i)perylene		0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032694		Moisture		20.53	%		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032694		Solids		79.47	%		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440097	Potassium		9161	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7439954	Magnesium		24437	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440235	Sodium		585	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7439896	Iron		61187	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7439965	Manganese		651	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440702	Calcium		3311	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440508	Copper		4.53	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7439976	Mercury	<	0.126	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440393	Barium		138	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440666	Zinc		57.4	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440622	Vanadium		95.2	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	100016	4-Nitroaniline		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	1031078	Endosulfan Sulfate		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	105679	2,4-Dimethylphenol		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	108678	1,3,5-Trimethylbenzene		944	UG/KG	Q	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	108952	Phenol		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	120127	Anthracene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	121142	2,4-Dinitrotoluene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	594207	2,2-Dichloropropane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	606202	2,6-Dinitrotoluene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	62533	Aniline		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	62759	N-Nitrosodimethylamine		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	67641	Acetone		744	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	67721	Hexachloroethane		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	72435	Methoxychlor		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75274	Bromodichloromethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	76448	Heptachlor		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	79345	1,1,2,2-Tetrachloroethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	84742	Di-n-butylphthalate		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	86737	Fluorene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	100754	N-nitrosopiperidine		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	110861	Pyridine		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	122394	Diphenylamine		1.2	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	130154	1,4-Naphthoquinone		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	140578	Aramite		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	2303164	Diallate (Cis & Trans)		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	298022	Phorate		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	465736	Isodrin		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	55185	N-Nitrosodiethylamine		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	59892	N-Nitrosomorpholine		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	60515	Dimethoate		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	62500	Ethyl methanesulfonate		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	76017	Pentachloroethane		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	87650	2,6-Dichlorophenol		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	92671	4-Aminobiphenyl		0.63	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	94597	Safrole		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	95943	1,2,4,5-Tetrachlorobenzene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	99558	5-Nitro-o-toluidine		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	96184	1,2,3-Trichloropropane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	99876	4-Isopropyltoluene		664	UG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	88062	2,4,6-Trichlorophenol		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	88857	Dinoseb		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	91587	2-Chloronaphthalene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	95498	o-Chlorotoluene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	208968	Acenaphthylene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	2593159	Etridiazole		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	309002	Aldrin		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	319868	delta-BHC		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	50328	Benzo(a)pyrene		0.31	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	5103742	gamma-Chlordane		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	541731	1,3-Dichlorobenzene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	541731	1,3-Dichlorobenzene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	106934	1,2-Dibromoethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	98566	PCTFB		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	87865	Pentachlorophenol		1.2	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	88755	2-Nitrophenol		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	91576	2-Methylnaphthalene		1.1	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	95487	2-Methylphenol		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	95636	1,2,4-Trimethylbenzene		2040	UG/KG	Q	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	96128	1,2-Dibromo-3-chloropropane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	131113	Dimethylphthalate		0.63	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	1918167	Propachlor		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	206440	Fluoranthene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	99092	3-Nitroaniline		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032694		Prep		0			########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	100414	Ethylbenzene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	106434	p-Chlorotoluene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	108101	MIBK		372	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	108383	m/p-Xylene		149	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	127184	Tetrachloroethene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	132649	Dibenzofuran		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	135988	Sec-Butylbenzene		822	UG/KG	Q	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	142289	1,3-Dichloropropane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	156605	trans-1,2-Dichloroethene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	534521	4,6-Dinitro-2-methylphenol		1.2	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	563586	1,1-Dichloropropene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	58899	Lindane		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	71556	1,1,1-Trichloroethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008E	72559	4,4'-DDE		10	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	74839	Bromomethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	74873	Chloromethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75003	Chloroethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75092	Methylene Chloride		149	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75343	1,1-Dichloroethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	78875	1,2-Dichloropropane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	78933	MEK		372	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	79016	Trichloroethene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	TCXSW	Soil	Soil	Hoff H9	O2017008E	8001352	Toxaphene		0.0998	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	95534	o-Toluidine		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	98066	Tert-Butylbenzene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	98828	Isopropylbenzene		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	107062	1,2-Dichloroethane		74.4	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	1319773	3&4-Methylphenol		1.2	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	75650	t-Butyl alcohol		744	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	98555	a-Terpineol		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008E	540885	tert-Butyl Acetate		372	UG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	DIOXA	Soil	Soil	Hoff H9	O2017008E	123911	1,4-Dioxane		64.2	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032694		Weight		0.5	GRAMS		########	########	1	
2166	915	12/13/2017	12:50	TCXSW	Soil	Soil	Hoff H9	O2017008837		EXTRACTED DATE		12152017	Day		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008823		EXTRACTED DATE		12182017	Day		########	########	1	
2166	915	12/13/2017	12:50	DIOXA	Soil	Soil	Hoff H9	O2017008816		EXTRACTED DATE		12142017	Day		########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008809		EXTRACTED DATE		12142017	Day		########	########	1	
2166	915	12/13/2017	12:50	PSTSW	Soil	Soil	Hoff H9	O2017008830		EXTRACTED DATE		12152017	Day		########	########	1	
2166	915	12/13/2017	12:50	DIOXA	Soil	Soil	Hoff H9	O2017008816		EXTRACTED TIME		1255	Hr		########	########	1	
2166	915	12/13/2017	12:50	VOASW	Soil	Soil	Hoff H9	O2017008809		EXTRACTED TIME		910	Hr		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440224	Silver	<	0.629	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440439	Cadmium	<	0.629	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7439921	Lead		4.84	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440360	Antimony	<	1.26	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440382	Arsenic	<	2.52	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7782492	Selenium	<	4.4	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440-28-0	Thallium	<	1.26	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440417	Beryllium		2.52	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032694		Cobalt Compounds		27.6	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	503	Soil	Soil	Hoff H9	I2017032693	7440020	Nickel		66.1	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	90120	1-Methylnaphthalene		1.1	MG/KG		########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	90131	1-Chloronaphthalene		0.63	MG/KG	U	########	########	1	
2166	915	12/13/2017	12:50	SV-SW	Soil	Soil	Hoff H9	O2017008E	108-60-1	2,2'-oxybis(1-Chloropropane)		0.63	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	207089	Benzo(k)fluoranthene		0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	218019	Chrysene		0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	298044	Disulfoton		0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	319857	beta-BHC		10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032693	7440473	Chromium		44.5	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	51218452	Metolachlor		10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	51877748	trans-Permethrin		10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	54774457	cis-Permethrin		10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	75014	Chloroethene (vinyl chloride)		64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	10061015	cis-1,3-Dichloropropene		64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	101553	4-Bromophenyl-phenyl ether		0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	103651	n-Propylbenzene		64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	106467	1,4-Dichlorobenzene		0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	106467	1,4-Dichlorobenzene		64.7	UG/KG	U	########	########	1	
2166	916	12/13

2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	108883	Toluene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	117840	Di-n-octylphthalate	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	120821	1,2,4-Trichlorobenzene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	120821	1,2,4-Trichlorobenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	74975	Bromochloromethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	75150	Carbon Disulfide	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	75694	Trichlorofluoromethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	79005	1,1,2-Trichloroethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	85687	Butylbenzylphthalate	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	10595956	N-Nitrosomethylethylamine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	109068	2-Picoline (2-Methylpyridine)	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	120581	Isosafrole	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	126681	O,O,O-Triethylphosphorothioate	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	1888717	Hexachloropropene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	297972	Thionazine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	3689245	Sulfotep	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	53963	2-Acetylaminofluorene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	58902	2,3,4,6-Tetrachlorophenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	60117	Dimethylaminoazobenzene	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	608935	Pentachlorobenzene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	66273	Methyl Methanesulfonate	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	82688	Pentachloronitrobenzene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	924163	N-Nitrosodibutylamine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	930552	N-Nitrosopyrrolidine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	98862	Acetophenone	1.3	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	205992	Benzo(b)fluoranthene	0.33	MG/KG	U	########	########	1	Includes benzo(j)fluoranthene
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	98953	Nitrobenzene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	124481	Dibromochloromethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	87683	Hexachlorobutadiene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	87683	Hexachlorobutadiene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	88744	2-Nitroaniline	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	91203	Naphthalene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	91203	Naphthalene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	95476	o-Xylene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	95578	2-Chlorophenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	959988	Endosulfan I	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	99650	1,3-Dinitrobenzene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	87616	1,2,3-Trichlorobenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	91941	3,3'-Dichlorobenzidine	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	95501	1,2-Dichlorobenzene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	95501	1,2-Dichlorobenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	95954	2,4,5-Trichlorophenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	21725462	Cyanazine	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	2675776	Chlorneb	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	298000	Methyl Parathion	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	319846	alpha-BHC	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	71432	Benzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	510156	Chlorobenzilate	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	510156	Chlorobenzilate	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	56235	Carbon Tetrachloride	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	1634044	Methyl Tert-Butyl Ether	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	129000	Pyrene	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	193395	Indeno-1,2,3-cd-pyrene	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	21087649	Metribuzin	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	23950585	Pronamide	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	2921882	Dursban	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	33213659	Endosulfan II	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	51285	2,4-Dinitrophenol	6.7	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	53703	Dibenzo(a,h)anthracene	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7429905	Aluminum	26764	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326		Acidity	0	Each		########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	1330207	Total Xylenes	0	UG/KG		########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	100027	4-Nitrophenol	3.3	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	100425	Styrene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	100516	Benzyl alcohol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	10061026	trans-1,3-Dichloropropene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	1024573	Heptachlor Epoxide	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	104518	n-Butylbenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	106478	4-Chloroaniline	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	108861	Bromobenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	108907	Chlorobenzene	139	UG/KG	B	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	109999	Tetrahydrofuran	129	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	111444	bis(2-Chloroethyl)ether	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	111911	bis(2-Chloroethoxy)methane	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	117817	bis(2-Ethylhexyl)phthalate	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	118741	Hexachlorobenzene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	120832	2,4-Dichlorophenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	56382	Ethyl Parathion	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	56553	Benz(a)anthracene	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	591786	2-Hexanone	324	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	59507	4-Chloro-3-methylphenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	60571	Dieldrin	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	621647	N-Nitrosodipropylamine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	630206	1,1,1,2-Tetrachloroethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	67663	Chloroform	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	7005723	4-Chlorophenyl-phenyl ether	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	72208	Endrin	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	72548	4,4'-DDD	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	7421934	Endrin Aldehyde	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	74953	Dibromomethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	75252	Bromoform	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	75354	1,1-Dichloroethene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	75718	Dichlorodifluoromethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7440-42-8	Boron	23.9	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	77474	Hexachlorocyclopentadiene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	77474	Hexachlorocyclopentadiene	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	78591	Isophorone	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	83329	Acenaphthene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	84662	Diethylphthalate	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	85018	Phenanthrene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	156592	cis-1,2-Dichloroethene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	1582098	Trifluralin	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	15972608	Alachlor	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	1861321	DCPA	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	1897456	Chlorothalonil	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	191242	Benzo(g,h,i)perylene	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326		Moisture	16.25	%		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326		Solids	83.75	%		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7440097	Potassium	3105	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7439954	Magnesium	9755	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7440235	Sodium	320	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7439896	Iron	31272	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7439965	Manganese	351	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7440702	Calcium	2450	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7440508	Copper	24.4	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7439976	Mercury <	0.119	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7440393	Barium	83.2	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7440666	Zinc	41.6	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I20170326	7440622	Vanadium	49.6	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	100016	4-Nitroaniline	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	1031078	Endosulfan Sulfate	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	105679	2,4-Dimethylphenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	108678	1,3,5-Trimethylbenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	108952	Phenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	120127	Anthracene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	121142	2,4-Dinitrotoluene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	594207	2,2-Dichloropropane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	606202	2,6-Dinitrotoluene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	62533	Aniline	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	62759	N-Nitrosodimethylamine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	67641	Acetone	647	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	67721	Hexachloroethane	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	72435	Methoxychlor	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	75274	Bromodichloromethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O20170088	76448	Heptachlor	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	79345	1,1,2,2-Tetrachloroethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	84742	Di-n-butylphthalate	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	86737	Fluorene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	100754	N-nitrosopiperidine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	110861	Pyridine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	122394	Diphenylamine	1.3	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	130154	1,4-Naphthoquinone	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	140578	Aramite	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	2303164	Diallate (Cis & Trans)	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	298022	Phorate	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	465736	Isodrin	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	55185	N-Nitrosodiethylamine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	59892	N-Nitrosomorpholine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	60515	Dimethoate	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	62500	Ethyl methanesulfonate	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	76017	Pentachloroethane	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	87650	2,6-Dichlorophenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	92671	4-Aminobiphenyl	0.67	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be l
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	94597	Safrole	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	95943	1,2,4,5-Tetrachlorobenzene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	99558	5-Nitro-o-toluidine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	96184	1,2,3-Trichloropropane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	99876	4-Isopropyltoluene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	88062	2,4,6-Trichlorophenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	88857	Dinoseb	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O20170088	91587	2-Chloronaphthalene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O20170088	95498	o-Chlorotoluene	64.7	UG/KG	U	########	########	1	
2166

2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	50328	Benzo(a)pyrene	0.33	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	541731	1,3-Dichlorobenzene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	541731	1,3-Dichlorobenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	106934	1,2-Dibromoethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	98566	PCTFB	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	87865	Pentachlorophenol	1.3	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	88755	2-Nitrophenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	91576	2-Methylnaphthalene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	95487	2-Methylphenol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	95636	1,2,4-Trimethylbenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	96128	1,2-Dibromo-3-chloropropane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	131113	Dimethylphthalate	0.67	MG/KG	U	########	########	1	Low-level LFB recovery low. Results and/or reporting limit may be b
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	206440	Fluoranthene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	99092	3-Nitroaniline	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032695		Prep	0			########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	100414	Ethylbenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	106434	p-Chlorotoluene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	108101	MIBK	324	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	108383	m/p-Xylene	129	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	127184	Tetrachloroethene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	132649	Dibenzofuran	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	135988	Sec-Butylbenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	142289	1,3-Dichloropropane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	156605	trans-1,2-Dichloroethene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	534521	4,6-Dinitro-2-methylphenol	1.3	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	563586	1,1-Dichloropropene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	58899	Lindane	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	71556	1,1,1-Trichloroethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008E	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	74839	Bromomethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	74873	Chloromethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	75003	Chloroethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	75092	Methylene Chloride	129	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	75343	1,1-Dichloroethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	78875	1,2-Dichloropropane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	78933	MEK	324	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	79016	Trichloroethene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	TCXSW	Soil	Soil	Hoff H10	O2017008E	8001352	Toxaphene	0.1	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	95534	o-Toluidine	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	98066	Tert-Butylbenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	98828	Isopropylbenzene	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	107062	1,2-Dichloroethane	64.7	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	1319773	3&4-Methylphenol	1.3	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	75650	t-Butyl alcohol	647	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	98555	a-Terpineol	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008E	540885	tert-Butyl Acetate	324	UG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	DIOXA	Soil	Soil	Hoff H10	O2017008E	123911	1,4-Dioxane	63.3	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032695		Weight	0.5	GRAMS		########	########	1	
2166	916	12/13/2017	13:10	TCXSW	Soil	Soil	Hoff H10	O2017008B38		EXTRACTED DATE	12152017	Day		########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008824		EXTRACTED DATE	12182017	Day		########	########	1	
2166	916	12/13/2017	13:10	DIOXA	Soil	Soil	Hoff H10	O2017008817		EXTRACTED DATE	12142017	Day		########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008810		EXTRACTED DATE	12142017	Day		########	########	1	
2166	916	12/13/2017	13:10	PSTSW	Soil	Soil	Hoff H10	O2017008831		EXTRACTED DATE	12152017	Day		########	########	1	
2166	916	12/13/2017	13:10	DIOXA	Soil	Soil	Hoff H10	O2017008817		EXTRACTED TIME	1255	Hr		########	########	1	
2166	916	12/13/2017	13:10	VOASW	Soil	Soil	Hoff H10	O2017008810		EXTRACTED TIME	910	Hr		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032691	7440224	Silver	0.597	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032691	7440439	Cadmium	0.597	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032691	7439921	Lead	5.79	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032691	7440360	Antimony	1.19	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032691	7440382	Arsenic	3.04	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032691	7782492	Selenium	4.18	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032691	7440-28-0	Thallium	1.19	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032691	7440417	Beryllium	1.55	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032695		Cobalt Compounds	12.7	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	503	Soil	Soil	Hoff H10	I2017032691	7440020	Nickel	29.8	MG/KG		########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	90120	1-Methylnaphthalene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	90131	1-Chloronaphthalene	0.67	MG/KG	U	########	########	1	
2166	916	12/13/2017	13:10	SV-SW	Soil	Soil	Hoff H10	O2017008E	108-60-1	2,2'-oxybis(1-Chloropropane)	0.67	MG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	319857	beta-BHC	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7440473	Chromium	52.4	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	51218452	Metolachlor	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	51877748	trans-Permethrin	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	54774457	cis-Permethrin	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	75014	Chloroethene (vinyl chloride)	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	10061015	cis-1,3-Dichloropropene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	103651	n-Propylbenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	106467	1,4-Dichlorobenzene	83.9	UG/KG		########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	108054	Vinyl Acetate	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	108883	Toluene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	120821	1,2,4-Trichlorobenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	74975	Bromochloromethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	75150	Carbon Disulfide	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	75694	Trichlorofluoromethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	79005	1,1,2-Trichloroethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	124481	Dibromochloromethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	87683	Hexachlorobutadiene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	91203	Naphthalene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	95476	o-Xylene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	959988	Endosulfan I	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	87616	1,2,3-Trichlorobenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	95501	1,2-Dichlorobenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	21725462	Cyanazine	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	2675776	Chlorneb	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	319846	alpha-BHC	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	71432	Benzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	510156	Chlorobenzilate	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	56235	Carbon Tetrachloride	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	1634044	Methyl Tert-Butyl Ether	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	21087649	Metribuzin	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	2921882	Dursban	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	33213659	Endosulfan II	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7429905	Aluminum	26282	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032696		Acidity	0	Each		########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	1330207	Total Xylenes	0	UG/KG		########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	100425	Styrene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	10061026	trans-1,3-Dichloropropene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	1024573	Heptachlor Epoxide	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	104518	n-Butylbenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	108861	Bromobenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	108907	Chlorobenzene	748	UG/KG	B	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	109999	Tetrahydrofuran	110	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	591786	2-Hexanone	276	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	60571	Dieldrin	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	630206	1,1,1,2-Tetrachloroethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	67663	Chloroform	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	72208	Endrin	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	72548	4,4'-DDD	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	7421934	Endrin Aldehyde	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	74953	Dibromomethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	75252	Bromoform	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	75354	1,1-Dichloroethene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	75718	Dichlorodifluoromethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7440-42-8	Boron	24.2	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	77474	Hexachlorocyclopentadiene	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	156592	cis-1,2-Dichloroethene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	1582098	Trifluralin	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	15972608	Alachlor	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	1861321	DCPA	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	1897456	Chlorothalonil	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032696		Moisture	17.3	%		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032696		Solids	82.7	%		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7440097	Potassium	1637	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7439954	Magnesium	8888	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7440235	Sodium	362	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7439896	Iron	48609	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7439965	Manganese	1651	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7440702	Calcium	8283	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7440508	Copper	22.1	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7439976	Mercury	0.121	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7440393	Barium	107	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7440666	Zinc	49.3	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I2017032691	7440622	Vanadium	389	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	1031078	Endosulfan Sulfate	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	108678	1,3,5-Trimethylbenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	594207	2,2-Dichloropropane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	67641	Acetone	552	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	72435	Methoxychlor	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	75274	Bromodichloromethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	76448	Heptachlor	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	79345	1,1,2,2-Tetrachloroethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	96184	1,2,3-Trichloropropane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	99876	4-Isopropyltoluene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	95498	o-Chlorotoluene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O2017008E	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O2017008E	541731	1,3-Dichlorobenzene	55.2	UG/KG	U	########	########	1	

2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	106934	1,2-Dibromoethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	98566	PCTFB	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	95636	1,2,4-Trimethylbenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	96128	1,2-Dibromo-3-chloropropane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O20170088	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	92	Prep	0			########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	100414	Ethylbenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	106434	p-Chlorotoluene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	108101	MIBK	276	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	108383	m/p-Xylene	110	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	127184	Tetrachloroethene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	135988	Sec-Butylbenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	142289	1,3-Dichloropropane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	156605	trans-1,2-Dichloroethene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	563586	1,1-Dichloropropene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O20170088	58899	Lindane	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	71556	1,1,1-Trichloroethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O20170088	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	74839	Bromomethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	74873	Chloromethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	75003	Chloroethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	75092	Methylene Chloride	110	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	75343	1,1-Dichloroethene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	78875	1,2-Dichloropropane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	78933	MEK	276	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	79016	Trichloroethene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	TCXSW	Soil	Soil	Hoff SP1	O20170088	8001352	Toxaphene	0.1	MG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	98066	Tert-Butylbenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	98828	Isopropylbenzene	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	107062	1,2-Dichloroethane	55.2	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	75650	t-Butyl alcohol	552	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	540885	tert-Butyl Acetate	276	UG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	DIOXA	Soil	Soil	Hoff SP1	O20170088	123911	1,4-Dioxane	62.5	MG/KG	U	########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	96	Weight	0.5	GRAMS		########	########	1	
2166	917	12/13/2017	14:00	TCXSW	Soil	Soil	Hoff SP1	O20170088	839	EXTRACTED DATE	12152017	Day		########	########	1	
2166	917	12/13/2017	14:00	DIOXA	Soil	Soil	Hoff SP1	O20170088	818	EXTRACTED DATE	12142017	Day		########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	811	EXTRACTED DATE	12142017	Day		########	########	1	
2166	917	12/13/2017	14:00	PSTSW	Soil	Soil	Hoff SP1	O20170088	832	EXTRACTED DATE	12152017	Day		########	########	1	
2166	917	12/13/2017	14:00	DIOXA	Soil	Soil	Hoff SP1	O20170088	818	EXTRACTED TIME	1255	Hr		########	########	1	
2166	917	12/13/2017	14:00	VOASW	Soil	Soil	Hoff SP1	O20170088	811	EXTRACTED TIME	910	Hr		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	7440224	Silver	0.604	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	7440439	Cadmium	0.604	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	7439921	Lead	17.6	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	7440360	Antimony	1.21	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	7440382	Arsenic	6.89	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	7782492	Selenium	4.23	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	7440-28-0	Thallium	1.21	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	7440417	Beryllium	0.846	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	96	Cobalt Compounds	13.3	MG/KG		########	########	1	
2166	917	12/13/2017	14:00	503	Soil	Soil	Hoff SP1	I20170326	7440020	Nickel	27	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	319857	beta-BHC	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7440473	Chromium	48	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	51218452	Metolachlor	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	51877748	trans-Permethrin	10	UG/KG	U	########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	54774457	cis-Permethrin	10	UG/KG	U	########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75014	Chloroethene (vinyl chloride)	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	10061015	cis-1,3-Dichloropropene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	103651	n-Propylbenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	106467	1,4-Dichlorobenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	108054	Vinyl Acetate	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	108883	Toluene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	120821	1,2,4-Trichlorobenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	74975	Bromochloromethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75150	Carbon Disulfide	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75694	Trichlorofluoromethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	79005	1,1,2-Trichloroethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	124481	Dibromochloromethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	87683	Hexachlorobutadiene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	91203	Naphthalene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	95476	o-Xylene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	959988	Endosulfan I	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	87616	1,2,3-Trichlorobenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	95501	1,2-Dichlorobenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	21725462	Cyanazine	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	2675776	Chlorneb	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	319846	alpha-BHC	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	71432	Benzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	510156	Chlorobenzilate	10	UG/KG	U	########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	53494705	Endrin Ketone	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	56235	Carbon Tetrachloride	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	1634044	Methyl Tert-Butyl Ether	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	21087649	Metribuzin	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	2921882	Dursban	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	33213659	Endosulfan II	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	50293	4,4'-DDT	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7429905	Aluminum	21298	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	97	Acidity	0	Each		########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	1330207	Total Xylenes	0	UG/KG		########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	100425	Styrene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	10061026	trans-1,3-Dichloropropene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	1024573	Heptachlor Epoxide	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	104518	n-Butylbenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	108861	Bromobenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	108907	Chlorobenzene	175	UG/KG	B	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	109999	Tetrahydrofuran	115	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	591786	2-Hexanone	289	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	60571	Dieldrin	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	630206	1,1,1,2-Tetrachloroethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	67663	Chloroform	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	72208	Endrin	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	72548	4,4'-DDD	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	7421934	Endrin Aldehyde	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	74953	Dibromomethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75252	Bromoform	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75354	1,1-Dichloroethene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75718	Dichlorodifluoromethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7440-42-8	Boron	22.1	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	77474	Hexachlorocyclopentadiene	10	UG/KG	U	########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	156592	cis-1,2-Dichloroethene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	1582098	Trifluralin	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	1597608	Alachlor	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	1861321	DCPA	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	1897456	Chlorothalonil	10	UG/KG	U	########	########	1	Matrix spike recoveries low. Results and/or reporting limits may be
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	97	Moisture	9.5	%		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	97	Solids	90.5	%		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7440097	Potassium	11249	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7439954	Magnesium	21039	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7440235	Sodium	657	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7439896	Iron	26801	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7439965	Manganese	364	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7440702	Calcium	4939	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7440508	Copper	12.6	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7439976	Mercury	0.11	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7440393	Barium	67.3	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7440666	Zinc	42.7	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	7440622	Vanadium	50.8	MG/KG		########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	1031078	Endosulfan Sulfate	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	108678	1,3,5-Trimethylbenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	594207	2,2-Dichloropropane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	67641	Acetone	577	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	72435	Methoxychlor	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75274	Bromodichloromethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	76448	Heptachlor	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	79345	1,1,2,2-Tetrachloroethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	96184	1,2,3-Trichloropropane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	99876	4-Isopropyltoluene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	95498	o-Chlorotoluene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	2593159	Etridiazole	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	309002	Aldrin	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	319868	delta-BHC	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	541731	1,3-Dichlorobenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	106934	1,2-Dibromoethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	98566	PCTFB	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	95636	1,2,4-Trimethylbenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	96128	1,2-Dibromo-3-chloropropane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	1918167	Propachlor	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I20170326	92	Prep	0			########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	100414	Ethylbenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	106434	p-Chlorotoluene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	108101	MIBK	289	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	108383	m/p-Xylene	115	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	127184	Tetrachloroethene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	135988	Sec-Butylbenzene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	142289	1,3-Dichloropropane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	156605	trans-1,2-Dichloroethene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	563586	1,1-Dichloropropene	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	58899	Lindane	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	71556	1,1,1-Trichloroethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O20170088	72559	4,4'-DDE	10	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	74839	Bromomethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	74873	Chloromethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75003	Chloroethane	57.7	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75092	Methylene Chloride	115	UG/KG	U	########	########	1	
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O20170088	75343	1,1-Dichloroethene	57.7	UG/KG	U	########	########	1	

2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008E	78875	1,2-Dichloropropane	57.7	UG/KG	U	########	########	1
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008E	78933	MEK	289	UG/KG	U	########	########	1
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008E	79016	Trichloroethene	57.7	UG/KG	U	########	########	1
2166	918	12/13/2017	14:10	TCKSW	Soil	Soil	Hoff SP2	O2017008E	8001352	Toxaphene	0.1	MG/KG	U	########	########	1
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008E	98066	Tert-Butylbenzene	57.7	UG/KG	U	########	########	1
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008E	98828	Isopropylbenzene	57.7	UG/KG	U	########	########	1
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008E	107062	1,2-Dichloroethane	57.7	UG/KG	U	########	########	1
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008E	75650	t-Butyl alcohol	577	UG/KG	U	########	########	1
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008E	540885	tert-Butyl Acetate	289	UG/KG	U	########	########	1
2166	918	12/13/2017	14:10	DIOXA	Soil	Soil	Hoff SP2	O2017008E	123911	1,4-Dioxane	56.2	MG/KG	U	########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032697		Weight	0.5	GRAMS		########	########	1
2166	918	12/13/2017	14:10	TCKSW	Soil	Soil	Hoff SP2	O2017008840		EXTRACTED DATE	12152017	Day		########	########	1
2166	918	12/13/2017	14:10	DIOXA	Soil	Soil	Hoff SP2	O2017008819		EXTRACTED DATE	12142017	Day		########	########	1
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008812		EXTRACTED DATE	12142017	Day		########	########	1
2166	918	12/13/2017	14:10	PSTSW	Soil	Soil	Hoff SP2	O2017008833		EXTRACTED DATE	12212017	Day		########	########	1
2166	918	12/13/2017	14:10	DIOXA	Soil	Soil	Hoff SP2	O2017008819		EXTRACTED TIME	1255	Hr		########	########	1
2166	918	12/13/2017	14:10	VOASW	Soil	Soil	Hoff SP2	O2017008812		EXTRACTED TIME	910	Hr		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032é	7440224	Silver <	0.552	MG/KG		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032é	7440439	Cadmium <	0.552	MG/KG		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032é	7439921	Lead	4.25	MG/KG		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032é	7440360	Antimony <	1.1	MG/KG		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032é	7440382	Arsenic	2.98	MG/KG		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032é	7782492	Selenium <	3.87	MG/KG		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032é 7440-28-0		Thallium <	1.1	MG/KG		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032é	7440417	Beryllium	0.994	MG/KG		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032697		Cobalt Compounds	21.8	MG/KG		########	########	1
2166	918	12/13/2017	14:10	503	Soil	Soil	Hoff SP2	I2017032é	7440020	Nickel	41.2	MG/KG		########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	319857	beta-BHC	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440473	Chromium	40.6	MG/KG		########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	51218452	Metolachlor	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	51877748	trans-Permethrin	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	54774457	cis-Permethrin	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75014	Chloroethene (vinyl chloride)	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	10061015	cis-1,3-Dichloropropene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	103651	n-Propylbenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	106467	1,4-Dichlorobenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	108054	Vinyl Acetate	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	108883	Toluene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	120821	1,2,4-Trichlorobenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	74975	Bromochloromethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75150	Carbon Disulfide	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75694	Trichlorofluoromethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	79005	1,1,2-Trichloroethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	124481	Dibromochloromethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	87683	Hexachlorobutadiene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	91203	Naphthalene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	95476	o-Xylene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	959988	Endosulfan I	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	87616	1,2,3-Trichlorobenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	95501	1,2-Dichlorobenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	21725462	Cyanazine	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	2675776	Chlorneb	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	319846	alpha-BHC	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	71432	Benzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	510156	Chlorobenzilate	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	5103719	alpha-Chlordane	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	53494705	Endrin Ketone	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	56235	Carbon Tetrachloride	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	1634044	Methyl Tert-Butyl Ether	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	21087649	Metribuzin	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	2921882	Dursban	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	33213659	Endosulfan II	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	50293	4,4'-DDT	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7429905	Aluminum	19954	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032698		Acidity	0	Each		########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	1330207	Total Xylenes	0	UG/KG		########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	100425	Styrene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	10061026	trans-1,3-Dichloropropene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	1024573	Heptachlor Epoxide	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	104518	n-Butylbenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	108861	Bromobenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	108907	Chlorobenzene	120	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	109999	Tetrahydrofuran	120	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	118741	Hexachlorobenzene	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	591786	2-Hexanone	299	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	60571	Dieldrin	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	630206	1,1,1,2-Tetrachloroethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	67663	Chloroform	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	72208	Endrin	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	72548	4,4'-DDD	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	7421934	Endrin Aldehyde	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	74953	Dibromomethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75252	Bromoform	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75354	1,1-Dichloroethene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75718	Dichlorodifluoromethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é 7440-42-8		Boron	23.3	MG/KG		########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	77474	Hexachlorocyclopentadiene	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	156592	cis-1,2-Dichloroethene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	1582098	Trifluralin	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	15972608	Alachlor	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	1861321	DCPA	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	1897456	Chlorothalonil	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032698		Moisture	14.33	%		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032698		Solids	85.67	%		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440097	Potassium	950	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7439954	Magnesium	4422	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440235	Sodium	205	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7439896	Iron	32170	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7439965	Manganese	1679	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440702	Calcium	1658	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440508	Copper	16.3	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7439976	Mercury <	0.117	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440393	Barium	75.5	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440666	Zinc	54.3	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440622	Vanadium	69.7	MG/KG		########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	1031078	Endosulfan Sulfate	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	108678	1,3,5-Trimethylbenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	594207	2,2-Dichloropropane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	67641	Acetone	598	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	72435	Methoxychlor	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75274	Bromodichloromethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	76448	Heptachlor	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	79345	1,1,2,2-Tetrachloroethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	96184	1,2,3-Trichloropropane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	99876	4-Isopropyltoluene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	95498	o-Chlorotoluene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	2593159	Eridiazole	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	309002	Aldrin	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	319868	delta-BHC	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	5103742	gamma-Chlordane	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	541731	1,3-Dichlorobenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	106934	1,2-Dibromoethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	98566	PCTFB	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	95636	1,2,4-Trimethylbenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	96128	1,2-Dibromo-3-chloropropane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	1918167	Propachlor	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032698		Prep	0			########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	100414	Ethylbenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	106434	p-Chlorotoluene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	108101	MIBK	299	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	108383	m/p-Xylene	120	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	127184	Tetrachloroethene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	135988	Sec-Butylbenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	142289	1,3-Dichloropropane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	156605	trans-1,2-Dichloroethene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	563586	1,1-Dichloropropene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	58899	Lindane	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	71556	1,1,1-Trichloroethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008E	72559	4,4'-DDE	10	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	74839	Bromomethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	74873	Chloromethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75003	Chloroethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75092	Methylene Chloride	120	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75343	1,1-Dichloroethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	78875	1,2-Dichloropropane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	78933	MEK	299	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	79016	Trichloroethene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	TCKSW	Soil	Soil	Hoff SP3	O2017008E	8001352	Toxaphene	0.1	MG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	98066	Tert-Butylbenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	98828	Isopropylbenzene	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	107062	1,2-Dichloroethane	59.8	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	75650	t-Butyl alcohol	598	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008E	540885	tert-Butyl Acetate	299	UG/KG	U	########	########	1
2166	919	12/13/2017	14:20	DIOXA	Soil	Soil	Hoff SP3	O2017008E	123911	1,4-Dioxane	53.2	MG/KG	U	########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032698		Weight	0.5	GRAMS		########	########	1
2166	919	12/13/2017	14:20	TCKSW	Soil	Soil	Hoff SP3	O2017008841		EXTRACTED DATE	12152017	Day		########	########	1
2166	919	12/13/2017	14:20	DIOXA	Soil	Soil	Hoff SP3	O2017008820		EXTRACTED DATE	12142017	Day		########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008813		EXTRACTED DATE	12142017	Day		########	########	1
2166	919	12/13/2017	14:20	PSTSW	Soil	Soil	Hoff SP3	O2017008834		EXTRACTED DATE	12152017	Day		########	########	1
2166	919	12/13/2017	14:20	DIOXA	Soil	Soil	Hoff SP3	O2017008820		EXTRACTED TIME	1255	Hr		########	########	1
2166	919	12/13/2017	14:20	VOASW	Soil	Soil	Hoff SP3	O2017008813		EXTRACTED TIME	910	Hr		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440224	Silver <	0.584	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440439	Cadmium <	0.584	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7439921	Lead	24.8	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440360	Antimony <	1.16	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7440382	Arsenic	6.01	MG/KG		########	########	1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032é	7782492	Selenium <	4.08	MG/KG		########	########	1

2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032ê7440-28-0		Thallium	<	1.17	MG/KG	######## ######## 1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032ê	7440417	Beryllium		1.11	MG/KG	######## ######## 1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032698		Cobalt Compounds		18.1	MG/KG	######## ######## 1
2166	919	12/13/2017	14:20	503	Soil	Soil	Hoff SP3	I2017032ê	7440020	Nickel		18.1	MG/KG	######## ######## 1

APPENDIX D

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Analysis Report

Partial Report

Sample Description: TripBlank-091616 Water
1-294 Hoff VC

LL Sample # WW 8588405
LL Group # 1708633
Account # 06195

Project Name: 1-294 Hoff VC

Collected: 09/16/2016

Submitted: 09/16/2016 16:00
Reported: 09/21/2016 17:50

PA Dept. of Env. Protection
Env Cleanup & Brownfields
PO Box 8471
Harrisburg PA 17105-8471

294TB SDG#: PDY65-01TB

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	Benzene	71-43-2	N.D.	0.5	1	1
10335	Bromodichloromethane	75-27-4	N.D.	0.5	1	1
10335	Bromoform	75-25-2	N.D.	0.5	4	1
10335	Bromomethane	74-83-9	N.D.	0.5	1	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	0.5	1	1
10335	Chlorobenzene	108-90-7	N.D.	0.5	1	1
10335	Chloroethane	75-00-3	N.D.	0.5	1	1
10335	Chloroform	67-66-3	N.D.	0.5	1	1
10335	Chloromethane	74-87-3	N.D.	0.5	1	1
10335	Dibromochloromethane	124-48-1	N.D.	0.5	1	1
10335	1,1-Dichloroethane	75-34-3	N.D.	0.5	1	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	1	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.5	1	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.5	1	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.5	1	1
10335	1,2-Dichloropropane	78-87-5	N.D.	0.5	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.5	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.5	1	1
10335	1,4-Dioxane	123-91-1	N.D.	70	250	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	4	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.5	1	1
10335	Tetrachloroethene	127-18-4	N.D.	0.5	1	1
10335	Toluene	108-88-3	N.D.	0.5	1	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.5	1	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.5	1	1
10335	Trichloroethene	79-01-6	N.D.	0.5	1	1
10335	Vinyl Chloride	75-01-4	N.D.	0.5	1	1
10335	Xylene (Total)	1330-20-7	N.D.	0.5	1	1

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/17.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8.27 TCL VOAs by 8260 (water)	SW-846 8260B	1	N162641AA	09/20/2016 09:36	Nicole S Lamoreaux	1

Reference ID:
1708633210916175007

*=This limit was used in the evaluation of the final result

Sample Description: FB-091616 Grab Water
1-294 Hoff VC

LL Sample # WW 8588406
LL Group # 1708633
Account # 06195

Project Name: 1-294 Hoff VC

Collected: 09/16/2016 09:00 by ND

Submitted: 09/16/2016 16:00
Reported: 09/21/2016 17:50

PA Dept. of Env. Protection
Env Cleanup & Brownfields
PO Box 8471
Harrisburg PA 17105-8471

294FB SDG#: PDY65-02FB

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Acetone	67-64-1	N.D.	6	20	1
10335	Benzene	71-43-2	N.D.	0.5	1	1
10335	Bromodichloromethane	75-27-4	N.D.	0.5	1	1
10335	Bromoform	75-25-2	N.D.	0.5	4	1
10335	Bromomethane	74-83-9	N.D.	0.5	1	1
10335	2-Butanone	78-93-3	N.D.	3	10	1
10335	Carbon Disulfide	75-15-0	N.D.	1	5	1
10335	Carbon Tetrachloride	56-23-5	N.D.	0.5	1	1
10335	Chlorobenzene	108-90-7	N.D.	0.5	1	1
10335	Chloroethane	75-00-3	N.D.	0.5	1	1
10335	Chloroform	67-66-3	N.D.	0.5	1	1
10335	Chloromethane	74-87-3	N.D.	0.5	1	1
10335	Dibromochloromethane	124-48-1	N.D.	0.5	1	1
10335	1,1-Dichloroethane	75-34-3	N.D.	0.5	1	1
10335	1,2-Dichloroethane	107-06-2	N.D.	0.5	1	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.5	1	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.5	1	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.5	1	1
10335	1,2-Dichloropropane	78-87-5	N.D.	0.5	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.5	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.5	1	1
10335	1,4-Dioxane	123-91-1	N.D.	70	250	1
10335	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10335	2-Hexanone	591-78-6	N.D.	3	10	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10335	4-Methyl-2-pentanone	108-10-1	N.D.	3	10	1
10335	Methylene Chloride	75-09-2	N.D.	2	4	1
10335	Styrene	100-42-5	N.D.	1	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.5	1	1
10335	Tetrachloroethene	127-18-4	N.D.	0.5	1	1
10335	Toluene	108-88-3	N.D.	0.5	1	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.5	1	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.5	1	1
10335	Trichloroethene	79-01-6	N.D.	0.5	1	1
10335	Vinyl Chloride	75-01-4	N.D.	0.5	1	1
10335	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC/MS Semivolatiles	**SW-846 8270C**		ug/l	ug/l	ug/l	
04678	Acenaphthene	83-32-9	N.D.	0.1	0.5	1
04678	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
04678	Anthracene	120-12-7	N.D.	0.1	0.5	1
04678	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
04678	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
04678	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
04678	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
04678	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
04678	4-Bromophenyl-phenylether	101-55-3	N.D.	0.5	1	1
04678	Butylbenzylphthalate	85-68-7	N.D.	2	5	1
04678	Di-n-butylphthalate	84-74-2	N.D.	2	5	1
04678	Carbazole	86-74-8	N.D.	0.5	1	1
04678	4-Chloro-3-methylphenol	59-50-7	N.D.	0.5	1	1

*=This limit was used in the evaluation of the final result

Sample Description: FB-091616 Grab Water
1-294 Hoff VC

LL Sample # WW 8588406
LL Group # 1708633
Account # 06195

Project Name: 1-294 Hoff VC

Collected: 09/16/2016 09:00 by ND

Submitted: 09/16/2016 16:00
Reported: 09/21/2016 17:50

PA Dept. of Env. Protection
Env Cleanup & Brownfields
PO Box 8471
Harrisburg PA 17105-8471

294FB SDG#: PDY65-02FB

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C			ug/l	ug/l	ug/l	
04678	4-Chloroaniline	106-47-8	N.D.	2	4	1
04678	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.5	1	1
04678	bis(2-Chloroethyl)ether	111-44-4	N.D.	0.5	1	1
04678	2-Chloronaphthalene	91-58-7	N.D.	0.4	1	1
04678	2-Chlorophenol	95-57-8	N.D.	0.5	1	1
04678	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.5	1	1
04678	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	0.5	1	1
	Bis(2-chloroisopropyl) ether CAS #39638-32-9 and 2,2'-Oxybis(1-chloropropane) CAS #108-60-1 cannot be separated chromatographically. The reported result represents the combined total of both compounds.					
04678	Chrysene	218-01-9	N.D.	0.1	0.5	1
04678	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
04678	Dibenzofuran	132-64-9	N.D.	0.5	1	1
04678	1,2-Dichlorobenzene	95-50-1	N.D.	0.5	1	1
04678	1,3-Dichlorobenzene	541-73-1	N.D.	0.5	1	1
04678	1,4-Dichlorobenzene	106-46-7	N.D.	0.5	1	1
04678	3,3'-Dichlorobenzidine	91-94-1	N.D.	2	5	1
04678	2,4-Dichlorophenol	120-83-2	N.D.	0.5	1	1
04678	Diethylphthalate	84-66-2	N.D.	2	5	1
04678	2,4-Dimethylphenol	105-67-9	N.D.	0.5	1	1
04678	Dimethylphthalate	131-11-3	N.D.	2	5	1
04678	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5	16	1
04678	2,4-Dinitrophenol	51-28-5	N.D.	10	31	1
04678	2,4-Dinitrotoluene	121-14-2	N.D.	1	5	1
04678	2,6-Dinitrotoluene	606-20-2	N.D.	0.5	1	1
04678	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2	5	1
04678	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
04678	Fluorene	86-73-7	N.D.	0.1	0.5	1
04678	Hexachlorobenzene	118-74-1	N.D.	0.1	0.5	1
04678	Hexachlorobutadiene	87-68-3	N.D.	0.5	1	1
04678	Hexachlorocyclopentadiene	77-47-4	N.D.	5	16	1
04678	Hexachloroethane	67-72-1	N.D.	1	5	1
04678	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
04678	Isophorone	78-59-1	N.D.	0.5	1	1
04678	2-Methylnaphthalene	91-57-6	N.D.	0.1	0.5	1
04678	2-Methylphenol	95-48-7	N.D.	0.5	1	1
04678	4-Methylphenol	106-44-5	N.D.	0.5	1	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04678	Naphthalene	91-20-3	N.D.	0.1	0.5	1
04678	2-Nitroaniline	88-74-4	N.D.	0.5	1	1
04678	3-Nitroaniline	99-09-2	N.D.	0.5	1	1
04678	4-Nitroaniline	100-01-6	N.D.	0.5	1	1
04678	Nitrobenzene	98-95-3	N.D.	0.5	1	1
04678	2-Nitrophenol	88-75-5	N.D.	0.5	1	1
04678	4-Nitrophenol	100-02-7	N.D.	10	31	1
04678	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.5	1	1
04678	N-Nitrosodiphenylamine	86-30-6	N.D.	0.5	1	1

Sample Description: FB-091616 Grab Water
1-294 Hoff VC

LL Sample # WW 8588406
LL Group # 1708633
Account # 06195

Project Name: 1-294 Hoff VC

Collected: 09/16/2016 09:00 by ND

Submitted: 09/16/2016 16:00
Reported: 09/21/2016 17:50

PA Dept. of Env. Protection
Env Cleanup & Brownfields
PO Box 8471
Harrisburg PA 17105-8471

294FB SDG#: PDY65-02FB

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C**		**ug/l**		**ug/l**	**ug/l**	
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
04678	Di-n-octylphthalate	117-84-0	N.D.		2	5	1
04678	Pentachlorophenol	87-86-5	N.D.		1	5	1
04678	Phenanthrene	85-01-8	N.D.		0.1	0.5	1
04678	Phenol	108-95-2	N.D.		0.5	1	1
04678	Pyrene	129-00-0	N.D.		0.1	0.5	1
04678	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.5	1	1
04678	2,4,5-Trichlorophenol	95-95-4	N.D.		0.5	1	1
04678	2,4,6-Trichlorophenol	88-06-2	N.D.		0.5	1	1

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/17.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8.27 TCL VOAs by 8260 (water)	SW-846 8260B	1	N162641AA	09/20/2016 10:00	Nicole S Lamoreaux	1
04678	8.39 TCL Semivolatiles/Waters	SW-846 8270C	1	16261WAD026	09/20/2016 04:21	Brandon H Smith	1

Sample Description: HOFF-TRENCH_SS/SD Grab Soil
1-294 Hoff VC

LL Sample # SW 8588407
LL Group # 1708633
Account # 06195

Project Name: 1-294 Hoff VC

Collected: 09/16/2016 10:30 by ND

Submitted: 09/16/2016 16:00
Reported: 09/21/2016 17:50

PA Dept. of Env. Protection
Env Cleanup & Brownfields
PO Box 8471
Harrisburg PA 17105-8471

294AR SDG#: PDY65-03

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/kg**		**ug/kg**	**ug/kg**	
10237	Acetone	67-64-1	N.D.		810	2,300	49.7
10237	Benzene	71-43-2	430	J	58	580	49.7
10237	Bromodichloromethane	75-27-4	N.D.		120	580	49.7
10237	Bromoform	75-25-2	N.D.		120	580	49.7

Partial Report

Sample Description: HOFF-TRENCH_SS/SD Grab Soil
1-294 Hoff VC

LL Sample # SW 8588407
LL Group # 1708633
Account # 06195

Project Name: 1-294 Hoff VC

Collected: 09/16/2016 10:30 by ND

Submitted: 09/16/2016 16:00
Reported: 09/21/2016 17:50

PA Dept. of Env. Protection
Env Cleanup & Brownfields
PO Box 8471
Harrisburg PA 17105-8471

294AR SDG#: PDY65-03

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/kg**		**ug/kg**	**ug/kg**	
10237	Bromomethane	74-83-9	N.D.		230	580	49.7
10237	2-Butanone	78-93-3	N.D.		470	1,200	49.7
10237	Carbon Disulfide	75-15-0	N.D.		120	580	49.7
10237	Carbon Tetrachloride	56-23-5	N.D.		120	580	49.7
10237	Chlorobenzene	108-90-7	280	J	120	580	49.7
10237	Chloroethane	75-00-3	36,000		2,300	5,800	497.02
10237	Chloroform	67-66-3	N.D.		120	580	49.7
10237	Chloromethane	74-87-3	N.D.		230	580	49.7
10237	Dibromochloromethane	124-48-1	N.D.		120	580	49.7
10237	1,1-Dichloroethane	75-34-3	85,000		1,200	5,800	497.02
10237	1,2-Dichloroethane	107-06-2	N.D.		120	580	49.7
10237	1,1-Dichloroethene	75-35-4	600		120	580	49.7
10237	cis-1,2-Dichloroethene	156-59-2	150	J	120	580	49.7
10237	trans-1,2-Dichloroethene	156-60-5	N.D.		120	580	49.7
10237	1,2-Dichloropropane	78-87-5	370	J	120	580	49.7
10237	cis-1,3-Dichloropropene	10061-01-5	N.D.		120	580	49.7
10237	trans-1,3-Dichloropropene	10061-02-6	N.D.		120	580	49.7
10237	1,4-Dioxane	123-91-1	N.D.		8,100	29,000	49.7
10237	Ethylbenzene	100-41-4	16,000		120	580	49.7
10237	2-Hexanone	591-78-6	N.D.		350	1,200	49.7
10237	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		58	580	49.7
10237	4-Methyl-2-pentanone	108-10-1	N.D.		350	1,200	49.7
10237	Methylene Chloride	75-09-2	380	J	230	580	49.7
10237	Styrene	100-42-5	N.D.		120	580	49.7
10237	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		120	580	49.7
10237	Tetrachloroethene	127-18-4	430	J	120	580	49.7
10237	Toluene	108-88-3	26,000		120	580	49.7
10237	1,1,1-Trichloroethane	71-55-6	1,600		120	580	49.7
10237	1,1,2-Trichloroethane	79-00-5	N.D.		120	580	49.7
10237	Trichloroethene	79-01-6	720		120	580	49.7
10237	Vinyl Chloride	75-01-4	330	J	120	580	49.7
10237	Xylene (Total)	1330-20-7	60,000		120	580	49.7
Wet Chemistry	**SW-846 9034**		**mg/kg**		**mg/kg**	**mg/kg**	
01122	12.11,12.15Sulfide(Reactivity)	n.a.	N.D.		53.6	160	1
	SW-846 9045C modified		**Std. Units**		**Std. Units**	**Std. Units**	
00394	18.11 pH	n.a.	7.34		0.0100	0.0100	1
	The pH was measured in water at 21.2 C.						
	SW-846 Chapter 7						
00496	12.3 Corrosivity	n.a.	See Below				1
	The pH of the sample is 7.34 indicating that the sample is not corrosive. A sample is corrosive if it exhibits a pH equal to or less than 2 or equal to or greater than 12.5.						
	SW-846 Chapter 7.3		**see below**		**see below**	**see below**	
01121	12.11,12.15 Reactivity	n.a.	See Below				1

Reference ID:
1708633210916175007

*=This limit was used in the evaluation of the final result

Sample Description: HOFF-TRENCH_SS/SD Grab Soil
1-294 Hoff VC

LL Sample # SW 8588407
LL Group # 1708633
Account # 06195

Project Name: 1-294 Hoff VC

Collected: 09/16/2016 10:30 by ND

Submitted: 09/16/2016 16:00
Reported: 09/21/2016 17:50

PA Dept. of Env. Protection
Env Cleanup & Brownfields
PO Box 8471
Harrisburg PA 17105-8471

294AR SDG#: PDY65-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry	**SW-846 Chapter 7.3**		see below	see below	see below	
	Reactivity: This sample was extracted and analyzed by the interim method described in SW-846 Revision 3, December 1996 - Chapter 7.3. The Interim Guidance for Reactive Cyanide and Reactive Sulfide (SW-846 Sections 7.3.3 and 7.3.4 of Chapter 7 - December 1996) identifies a reactive material as generating more than 250 mg/kg of hydrogen cyanide or 500 mg/kg of hydrogen sulfide. This waste is not considered hazardous due to reactivity based on that standard. These results do not reflect total cyanide or total sulfide. On July 14, 2005, EPA published a rule in the Federal Register that removed the Interim Guidance and the method referenced above. At this time there is no specific guidance or a method to be used to evaluate "Reactivity".					
Wet Chemistry	**SM 2540 G-1997**		%	%	%	
00111	18.31 Moisture	n.a.	57.3	0.50	0.50	1
	Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.					

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/17.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	8.35 TCL VOA by 8260B (soil)	SW-846 8260B	1	Q162642AA	09/20/2016 16:38	Angela D Sneeringer	49.7
10237	8.35 TCL VOA by 8260B (soil)	SW-846 8260B	1	Q162642AA	09/20/2016 17:00	Angela D Sneeringer	497.02
01122	12.11,12.15Sulfide(Reactivity)	SW-846 9034	1	16264112101A	09/20/2016 10:20	Susan E Hibner	1
00394	18.11 pH	SW-846 9045C modified	1	16264039401A	09/20/2016 18:30	Luz M Groff	1
00496	12.3 Corrosivity	SW-846 Chapter 7	1	16264039401A	09/20/2016 18:30	Luz M Groff	1
01121	12.11,12.15 Reactivity	SW-846 Chapter 7.3	1	16264112101A	09/20/2016 10:20	Susan E Hibner	1
00111	18.31 Moisture	SM 2540 G-1997	1	16264820003A	09/20/2016 09:34	William C Schwebel	1

Sample Description: HOFF-TRENCH_SS/SD Grab Soil
TCLP ZHE
1-294 Hoff VC

LL Sample # TL 8588409
LL Group # 1708633
Account # 06195

Project Name: 1-294 Hoff VC

Collected: 09/16/2016 10:30 by ND

PA Dept. of Env. Protection

Partial Report

Sample Description: HOFF-TRENCH_SS/SD Grab Soil
TCLP ZHE
1-294 Hoff VC

LL Sample # TL 8588409
LL Group # 1708633
Account # 06195

Project Name: 1-294 Hoff VC

Submitted: 09/16/2016 16:00
Reported: 09/21/2016 17:50

Env Cleanup & Brownfields
PO Box 8471
Harrisburg PA 17105-8471

294ZH SDG#: PDY65-05

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/l**	**mg/l**	**mg/l**	
03636	Benzene	71-43-2	N.D.	0.010	0.020	20
03636	2-Butanone	78-93-3	N.D.	0.060	0.20	20
03636	Carbon Tetrachloride	56-23-5	N.D.	0.010	0.020	20
03636	Chlorobenzene	108-90-7	N.D.	0.010	0.020	20
03636	Chloroform	67-66-3	N.D.	0.010	0.020	20
03636	1,2-Dichloroethane	107-06-2	N.D.	0.010	0.020	20
03636	1,1-Dichloroethene	75-35-4	N.D.	0.010	0.020	20
03636	Tetrachloroethene	127-18-4	N.D.	0.010	0.020	20
03636	Trichloroethene	79-01-6	N.D.	0.010	0.020	20
03636	Vinyl Chloride	75-01-4	N.D.	0.010	0.020	20

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/17.

If the analysis is for determination of Hazardous Waste Characteristics,
see Table 1 in EPA Code of Federal Regulations 40 CFR 261.24.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03636	11.7 TCLP by 8260	SW-846 8260B	1	N162641AA	09/20/2016 11:13	Nicole S Lamoreaux	20

Reference ID:
1708633210916175007

*=This limit was used in the evaluation of the final result

Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

For Eurofins Lancaster Laboratories Environmental use only
Acct. # 6195 Group # 170833 Sample # 8588405-09

COC # 509647

1 OF 1

Client Information

Client: PADEP	Acct. #:
Project Name/#: HOFF VC 1-294	PWSID #:
Project Manager: Colin Wade	P.O. #:
Sampler: N. Dedic	Quote #:
State where samples were collected: Pennsylvania	For Compliance: Yes ☐ No ☐

Matrix

Soil ☐ Sediment ☐ Tissue ☐ Water ☐ Potable ☐ Ground ☐ NPDES ☐ Surface ☐ Other: DI water

Analysis Requested / Preservation Codes

For Lab Use Only
FSC:
SCR#: 194376

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Sample Identification	Collected Date	Collected Time	Grab	Composite	Soil	Sediment	Tissue	Water	Potable	Ground	NPDES	Surface	Other: DI water	Total # of Containers	VOCs 8260B (6 oz. 1 glass)	SVOCs 8270C 1gh. 1 glass Addit. PAH Compounds (250 ml)	Reactivity (125-1 glass)	Full TCLP (500-1 glass)	TCLP VOCs (60-1 glass)	VOC 8260B (40 ml vials)	H	Remarks
TRIP BLANK-091616													X	2							X	Trip Blank Lab Prepared
FB-091616	9-16-16	0900	X										X	5		X					X	
HOFF-TRENCH_SS/SD	9-16-16	1030	X		X									5	X	X	X	X	X			

Turnaround Time (TAT) Requested (please circle)

Standard Rush 72 HRS

(Rush TAT is subject to laboratory approval and surcharge.)

Date results are needed: _____

E-mail address: _____

Data Package Options (circle if required)

Type I (EPA Level 3 Equivalent/non-CLP) Type VI (Raw Data Only)
Type III (Reduced non-CLP) NJ DKQP TX TRRP-13
NYSDEC Category A or B MA MCP CT RCP

Relinquished by	Date	Time	Received by	Date	Time
Bottle Storage	9/13/16	2400			
[illegible]	9-16-16	1200	[illegible]	9/16/16	1200
[illegible]	9/16/16	1600			
			Cathy Murphy	9/16/16	16:30

EDD Required? Yes No
If yes, format: _____

Site-Specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate sample volume.)

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt 1.2 °C

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Sample Administration Receipt Documentation Log

Doc Log ID: 162389

Group Number(s): 1708633

Client: PADEP

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	09/16/2016 16:00
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	PA		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	N/A
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	N/A
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Cathy Murphy (10960) at 18:29 on 09/16/2016

Samples Chilled Details

Thermometer Types: *DT = Digital (Temp. Bottle)* *IR = Infrared (Surface Temp)* *All Temperatures in °C.*

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	1.2	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T 717-656-2300
F 717-656-2681
www.LancasterLabs.cor

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

APPENDIX E

THIS MEMORANDUM

is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

Carrier Lewis Environmental SCAC _____ Carrier's No. PAD987378940

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 12/5/17 from _____

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:	FROM:
Consignee Tetra Tech	Shipper Tetra Tech
Street 334 Layfield Road	Street 334 Layfield Road
Destination Perkiomenville, Pa Zip	Origin Perkiomenville, Pa Zip
Route ONSITE	

Delivering Carrier	Vehicle Number	U.S. DOT Hazmat Reg. No.
Lewis Environmental	97	

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1TT			NON DOT REGULATED NON RCRA HAZARDOUS PETROLEUM IMPACTED WATER			3100	G	
			Offloaded Onsite into Frac Tank #1338					
			Read By x [illegible]					
			Date x 12/5/17					

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED NO

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Tetra Tech PER: [signature] DATE: 12/5/17

CARRIER: LEWIS ENVIRONMENTAL PER: [signature] DATE: 12/5/17

EMERGENCY RESPONSE TELEPHONE NUMBER: 800 258 5585

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER: Jim Gould

29-BLS-C4 970 (Rev. 9/10)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	800-258-5585	0005579

GENERATOR

5. Generator's Name and Mailing Address

PADEP Southeast Region
2 East Main Street
Norristown, PA 19401
Generator's Phone: 484-250-5777

Generator's Site Address (if different than mailing address)

334 Layfield Road
Perkiomenville, PA 18074

6. Transporter 1 Company Name: JG Environmental | 717-463-2615 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Environmental Recovery Corporation
1076 Old Manheim Pike
Lancaster, PA 17601
Facility's Phone: 717-393-2627

PAD987266749

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Hazardous Waste Liquid Non-DOT Regulated / Non-RCRA Hazardous (impacted water)	001	TT	6000	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

19602PL

1) 1801-00249-I.WT

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Timothy Cherry, PADEP — Signature — Month: 1 — Day: 26 — Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:

Transporter Signature (for exports only): — Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Coy Fitz — Signature: Coy Fitz — Month: 1 — Day: 26 — Year: 18

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	800-258-5585	0005580

GENERATOR

5. Generator's Name and Mailing Address

PADEP Southeast Region
2 East Main Street
Norristown, PA 19401
Generator's Phone: 484-250-5772

Generator's Site Address (if different than mailing address)

334 Layfield Road
Perkiomenville, PA 18074

6. Transporter 1 Company Name

Sure Environmental 321 Maple Ave Hatboro Pa 215-443-1660

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Environmental Recovery Corporation
1076 Old Manheim Pike
Lancaster, PA 17601
Facility's Phone: 717-393-3627

U.S. EPA ID Number

PAD987266749

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Hazardous Waste Liquid Non-DOT Regulated / Non-RCRA Hazardous (Impacted water)	001	TT	5500	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

19602PL

1) 1801-00249-LWT

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Tanya Cheeseman-ADMO		1	30	18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Ryan St Marie JR		01	30	18
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)		Month	Day	Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	800-258-5585	0005581

GENERATOR

5. Generator's Name and Mailing Address

PADEP Southeast Region
2 East Main Street
Norristown, PA 19401

Generator's Phone: 484-250-5732

Generator's Site Address (if different than mailing address)

334 Layfield Road
Pennsylvania, PA 18074

6. Transporter 1 Company Name: FRANC ENVIRONMENTAL. 215-497-0930 U.S. EPA ID Number:

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Environmental Recovery Corporation
1076 Old Manheim Pike
Lancaster, PA 17601

Facility's Phone: 717-393-2627

U.S. EPA ID Number: PAD987266749

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Hazardous Waste Liquid Non-DOT Regulated / Non-RCRA Hazardous (Impacted water)	001	TT	1-W	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

19602PL 1) 1801-00249-LWT

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Timothy Cheesy - PADEP Signature: Month 3 Day 1 Year 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Signature: Month 3 Day 1 Year 2018

Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Signature: Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

GENERATOR'S/SHIPPER'S INITIAL COPY

Cycle Chem, Inc.

www.cyclechem.com

217 South 1st St.
Elizabeth, NJ 07206
Phone (908) 355-5800
Fax (908) 355-0562

550 Industrial Dr.
Lewisberry, PA 17339
Phone (717) 938-4700
Fax (717) 938-3301

General Chemical Corporation

133-138 Leland St., Framingham, MA 01701
Phone (508) 872-5000 Fax (508) 875-5271

Material Profile Sheet
Gencode -- Stream _____ _____
Process Code _____

A. GENERATOR INFORMATION

EPA ID # _____

GENERATOR NAME: PADEP 17493CP
MAILING ADDRESS: 2 East Main Street
Norristown, PA 19401
GENERATOR CONTACT: Colin Wade
GENERATOR PHONE#: 484-250-5722
SITE ADDRESS: 334 Layfield Road
Perkiomenville, PA 18074
PICKUP COUNTY: Berks

BILLING COMPANY: Lewis Environmental, Inc.
BILLING ADDRESS: P.O. Box 639
Royersford, PA 19468
BILLING CONTACT: Stacy McGavin
BILLING PHONE#: 610-495-6695 FAX 610-495-6697

PROCESS GENERATING WASTE:
Waste pit cleaning

NAME OF WASTE: Endrin impacted water

B. PHYSICAL CHARACTERISTICS OF WASTE (AT 70o F)

Color/Physical Description: varies liquid
Strong Incidental Odor Present? ☐ Yes ☒ No
Wastewater: ☐ Wastewater ☒ Non wastewater
Specific Gravity: >1
Physical State: ☐ Single Phase ☐ Solid ☐ Gas/Aerosol ☐ Bi-layered ☒ Liquid ☐ Lab Pack ☐ Multi Layered ☐ Semi-Solid ☐ Powder ☐ Sludge

Liquid/Solid/Sludge
% Liquid 100
% Suspended Solids ____
% Sludge ____
% Solid ____
Dumpable? ☒ Yes ☐ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ No

Flash Point: ☐ Flash Point <74 F ☐ Flash Point 101-140 F ☐ Flash Point >200 F ☐ Exact Flash Point ☐ Flash Point 74-100 F ☒ Flash Point 141-200 F ☐ No Flash Point ____ ☐ Open cup ☒ Closed cup
Ignitable Solid? ☐ Yes ☒ No
pH: ☐ <2.0 ☐ 2.01-5.0 ☒ 5.01-9.0 ☐ 9.01-12.49 ☐ >12.5 ☐ Exact pH ____

C. CHEMICAL COMPOSITION

ATTACHMENTS: ☐ MSDS attached ☒ Supplemental Analysis ☐ Additional Information ☐ LDR Attachment

Chemical Composition	Percent	Minimum	Maximum
Water	100		
See attached analysis			

D. REGULATORY INFORMATION

Is it USEPA haz waste? ☒ Yes ☐ No
USEPA Haz Codes: D008, D012
EPA Sub Categories:
Is it STATE waste? ☐ Yes ☒ No
STATE Haz Codes:
DOT Hazardous Material? ☒ Yes ☐ No
Proper Shipping Name: Hazardous Waste Liquid, n.o.s.
Hazard Class: 9 UN/NA #: 3082 P.G.: III
RQ: _____ ERG#: 171

E. SHIPPING INFORMATION

Shipment Method:
☒ Bulk Liquid -- Tanker ☐ Pallet(s) ☐ Drum(Size): ____
☐ Bulk Solid -- Dmp Tlr ☐ Tote(s)
☐ Bulk Solid -- Roll Off ☐ Cubic Yard Box(s) ☐ Other(Size): ____
Anticipated Volume: 2000 gal Per OT
Quantity: 1 Price: _____ / Unit: DM

F. SPECIAL HANDLING CONSIDERATIONS

☐ Radioactive ☐ PA RW SQG ☐ No Land Filling
☐ Etiologic/Medical Waste ☐ DRMS/DRMO Waste ☐ Incinerate Only
☐ Fuming ☐ CERCLA Waste ☐ Recycle Only
☐ Phenolics ☐ Asbestos ☐ Other:

G. TRANSPORTER ARRANGEMENTS

☐ CCI/GCC Provides Transportation ☐ Other:
☒ Customer Delivers to CCI/GCC
☐ Customer Delivers to End Facility via CCI/GCC _____

H. OTHER HAZARDOUS CHARACTERISTICS

☐ RCRA REACTIVE ☐ ETIOLOGICAL ☐ EXPLOSIVE/SHOCK SENSITIVE
☐ WATER REACTIVE ☐ TSCA REG ☒ NONE OF THE ABOVE
☐ RADIOACTIVE ☐ OXIDIZING MAT'L
☐ SUBJECT TO SUBPART FF BENZENE REG ☐ PYROPHORIC

Indicate if waste contains any of the following:

	Non-Reg.	or LessThan	or Actual
PCBs	☒	☐ 50 PPM	
Cyanides	☒	☐ 250 PPM	
Phenolics	☒	☐ 50 PPM	
Sulfides	☒	☐ 500 PPM	
VOCs	☐	☐ 500PPM	
Chlorides	☒	☐ 1000 PPM	

1. Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004 through D043)? ☒ Yes ☐ No
If YES, please list the constituents and concentrations in section C.

2. Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 Part 2, Section I at concentrations exceeding the UTS treatment standards? ☐ Yes ☒ No
If YES, please list the constituents and concentrations in section C.

GENERATOR CERTIFICATION: I hearby certify that all the information submitted in this and all other attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevent information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI/GCC discovers, after having taken the delivery of the waste, that any waste does not conform to the identification or descriptions contained in this MPS then CCI/GCC shall provide notice to the Generator and coordinate the return of the non conforming waste to the point of origin as set forth in the manifest or to such other location designatedin writing by the Generator. Generator agrees to reimburse CCI/GCC for all handling, packaging, cleanup and transportation costs or changes, damage to equipment and costs associated with lost time incurred by CCI/GCC during the receipt, handling, temporary storage and return of such non conforming waste to its point of origin or to such other location designated by the Generator.hearby authorize CCI/GCC to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed. I will be contacted as such to issue any approval.

Authorized Signature Colin K Wade Title PADEP Env. Protection Specialist Date 9/7/16

CCI/GCC APPROVAL	Sales Code	Tech Initials	Date	Management Initials	Date	Residual Waste / Form Code

APPENDIX F

Photographic Documentation
Hoff VC HSCA Site
334 Layfield Road
New Hanower Twp, Mongomery, PA
Tetra Tech Project Number:

Photo: 1 **Description:** View of concrete pit **Orientation:** Facing east-southeast	

Photo: 2 **Description:** View of concrete pit interior.	

Photographic Documentation
Hoff VC HSCA Site
334 Layfield Road
New Hanower Twp, Mongomery, PA
Tetra Tech Project Number:

Photo: 3 **Description:** View of bailed contaminated liquid/water sample. **Orientation:** Facing south-east	

Photo: 4 **Description:** September 8, 2016. View of vacuuming for4 disposal contaminated liquid/water of concrete pit. Facing south-west	

Photo: 5 **Description:** View of vacuuming concrete pit bottom residual mush/solid Facing north	

Photo: 6 **Description:** View of residual material at concrete pit bottom	

Photographic Documentation
Hoff VC HSCA Site
334 Layfield Road
New Hanower Twp, Mongomery, PA
Tetra Tech Project Number:

Photo: 7 **Description:** View of dry well at concrete pit vicinity.	

Photo: 8 **Description:** View of drain and dry well Facing north	

Photo: 9 **Description:** View of bottom material cleanup.	

Photo: 10 **Description:** View of liquid/water inflow from pipe opening at north end of concrete pit.	

Photographic Documentation
Hoff VC HSCA Site
334 Layfield Rd
New Hanover, Montgomery County, PA
Tetra Tech Project Number:

Photo: 1 **Description:** Site Preparation December 4, 2017 Frac Tank staging Facing east	

Photo: 2 **Description:** Site Preparation December 4, 2017 View setting dirty soils stockpile Facing west	

Photographic Documentation
Hoff VC HSCA Site
334 Layfield Rd
New Hanover, Montgomery County, PA
Tetra Tech Project Number:

Photo: 3 **Description:** Site Preparation December 5, 2017 View of vacuuming water from waste pit. Facing north	

Photo: 4 **Description:** Site Preparation December 5, 2017 View of liquid/water in the waste pit.	

Photographic Documentation
Hoff VC HSCA Site
334 Layfield Rd
New Hanover, Montgomery County, PA
Tetra Tech Project Number:

Photo: 5 **Description:** Excavation December 6, 2017 Backhoe delivery Facing west	

Photo: 6 **Description:** Excavation December 6, 2017 View of north end of excavation, along the pit wall.	

Photographic Documentation
Hoff VC HSCA Site
334 Layfield Rd
New Hanover, Montgomery County, PA
Tetra Tech Project Number:

Photo: 7 **Description:** Excavation December 6, 2017 View of fencing and securing excavation work area. Facing northwest	

Photo: 8 **Description:** Excavation December 7, 2017 View of digging along pit wall. Facing southeast	

Photo: 9 **Description:** Excavation December 7, 2017 View of recovered pipes along the pit wall and bending 90° toward building (south-west).	

Photo: 10 **Description:** Excavation December 7, 2017 View of excavated portion along pit wall Facing northwest	

Photographic Documentation
Hoff VC HSCA Site
334 Layfield Rd
New Hanover, Montgomery County, PA
Tetra Tech Project Number:

Photo: 11 **Description:** Excavation December 7, 2017 View of clean soils stockpile Facing east	

Photo: 12 **Description:** Excavation December 8, 2017 View of contamination extending out of concrete pit limits. Facing southeast	

Photo: 13 **Description:** Excavation December 11, 2017 View of extending excavation, digging narrow trench along contaminated pipe. Facing southwest	

Photo: 14 **Description:** Excavation December 12, 2017 View of small pipes which continue extending southwest, while 4” contaminated pipe turns westward.	

Photo: 15 **Description:** Excavation December 12, 2017 View of contaminated material.	

Photo: 16 **Description:** Excavation December 13, 2017 View of southwest end of excavation.	

Photo: 17 **Description:** Excavation and Loadout December 13, 2017 View of backfilled southwestern end of excavation. Orange drum in background marks location of sewer/sanitary manhole. Facing west	

Photo: 18 **Description:** Excavation and Loadout December 13, 2017 View of northwestern excavation limit (backfilled). Orange drum – sanitary/sewer manhole. Facing east	

Photo: 19 **Description:** Loadout December 14, 2017 View of excavation, partially backfilled. Facing north	

Photo: 20 **Description:** Loadout January 24, 2018 View of backfill and compaction. Facing west	

Photo: 21 **Description:** Loadout January 24, 2018 View of pumping water of excavation. Facing west	

Photo: 22 **Description:** Loadout January 25, 2018 View backfilling along pit wall. Facing northwest	

Photo: 23 **Description:** Loadout January 25, 2018 View of leveling and compaction. Facing west	

Photo: 24 **Description:** Excavation January 25, 2018 View of pumping accumulated water from pit Facing northwest	

Photo: 25 **Description:** Loadout January 26, 2018 View of backfill and leveling Facing west	

Photo: 26 **Description:** Loadout January 29, 2018 View of backfilling concrete pit bottom with stone. Facing northwest	

Photo: 27 **Description:** Loadout January 29, 2018 View of compacting concrete pit. Facing north	

Photo: 28 **Description:** Loadout January 29, 2018 View of cleared clean soils stockpile. Facing east	

Photo: 29 **Description:** Waste Disposal January 30, 2018 View of staged roll-offs filled with onsite dirty soils. Facing south	

Photo: 30 **Description:** Waste Disposal January 30, 2018 View of dirty soils stockpile, amount left for load and disposal. Facing west	

Photo: 31 **Description:** Waste Disposal January 29, 2018 View of pumping water out of Frac Tank and thick accumulated ice on tank bottom. Facing north	

Photo: 32 **Description:** Waste Disposal March 1, 2018 View of cleaned Frac Tank interior. Facing east	

Photo: 33 **Description:** Restoration June 1, 2018 View of preparation for paving. **Orientation:** Facing west	

Photo: 34 **Description:** Restoration June 1, 2018 View of preparation for paving. **Orientation:** Facing west	

Photo: 35 **Description:** Restoration June 1, 2018 View of paving two areas. **Orientation:** Facing west	

Photo: 36 **Description:** Restoration June 1, 2018 View of paving completion. **Orientation:** Facing west	

Photo: 37 **Description:** Restoration June 1, 2018 View of paving completion. **Orientation:** Facing west	

Photo: 38 **Description:** Restoration June 1, 2018 View of paving completion. **Orientation:** Facing west	