APPENDIX F
HAZARDOUS MATERIALS INFORMATION

Booz | Allen | Hamilton

Phase II Environmental Site Assessment

HOUSTON NATIONAL CEMETERY – BUILDING 3006

HOUSTON, TX

DECEMBER 21, 2018

Prepared exclusively for Concourse Federal Group and the VA

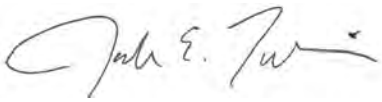
This Phase II Environmental Site Assessment (ESA) was performed in accordance with the guidelines outlined in the ASTM E1903-11. Methodologies include interviews with individuals familiar with the subject property, sample collection and analysis, and report preparation. Information obtained in interviews and the sites reconnaissance were recorded and reviewed before inclusion into this report. All information obtained during the Phase II ESA and subsequently included within this report is believed to be reliable. The purpose of this Phase II ESA is to provide the VA with information regarding the RECs identified at the subject property during the Phase I ESA.

This report was prepared by Scott Bolch and Joseph Tomberlin, consultants with Booz Allen Hamilton. These individuals have a combined experience in the environmental industry of more than 30 years.

This Phase II ESA has been prepared by:

Booz Allen Hamilton
Scott Austin Bolch
Environmental Professional

This Phase II ESA has been reviewed and approved by:



Booz Allen Hamilton
Joseph Tomberlin
Environmental Professional

1 EXECUTIVE SUMMARY

1.1 Purpose

The purpose of this Phase II Environmental Site Assessment (ESA) was to investigate the potential impacts of Recognized Environmental Conditions (RECs) associated with the subject property, which were identified during the Phase I ESA. This report documents the findings, opinions, and conclusions of the Phase I ESA. This Phase II ESA was performed in accordance with American Society of Testing and Materials (ASTM) Standard E 1903-11.

1.2 Scope

The purpose of this Phase II ESA was to investigate potential soil contamination posed by the RECs identified during the Phase I ESA. This Phase II ESA was conducted in general accordance with the ASTM Standard Practice E1903-11, consistent with a level of care and skill ordinarily practiced by the environmental consulting professional currently providing similar services under similar circumstances. Any significant additions, deletions, or exceptions to ASTM Standard Practice E1903-11 are noted in the corresponding sections of this report.

1.3 Findings and Conclusions Summary

Previously, Booz Allen performed a Phase I Environmental Site Assessment (Phase I ESA) of the subject property in conformance with the scope and limitations of ASTM Standard Practice for Environmental Site Assessments E1527-13. Booz Allen identified the following RECs that may affect suitability of the subject property for its intended uses:

- The "Milk House" on the north side of Building 3006 contained several bottles of regulated pesticides/herbicides such as Amine 4 (2,4-D) weed killer and a jug of Chlordane. The improper storage of regulated substances has resulted in staining along the concrete floor near a floor drain found within the Milk House. Additionally, a septic system with a drain field is located on the subject property; although the exact location of the drain field was unknown at the time of the Phase I ESA. The potential for contaminants to migrate from Building 3006's drains and deposit contaminants in soil presented a REC for the subject property.
- The "Shed" on the south side of Building 3006 contained several bottles and drums of petroleum products, and staining was visible on the wooden floor of the building. It was believed that a crawlspace underlies the building with exposed soil directly underneath the floor. The potential for contaminants to leach from Building 3006's floors to the underlying soil presented a REC for the subject property.

Booz Allen conducted a Phase II ESA to characterize the site on November 7, 2018. Based on the findings of the Phase I ESA, four wipe samples and seven surface soil samples were collected and analyzed for Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Pesticides, and Herbicides. Wipe samples were collected from the visibly-stained areas in the two outbuildings and soil samples were collected from around the exterior of the outbuildings, and along a drain pipe leading offsite toward Aldine Western Road from the Milk House. Booz Allen utilized the services of Ground Penetrating Radar Systems (GPRS) to provide subsurface mapping of utilities and to locate the septic system and drain field.

Analysis of the two soil samples collected from beneath the floor of the Shed (3006-SS-1 and 3006-SS-2) yielded results indicative of a release of Dieldrin, a pesticide, to surface soil. These results exceeded the Texas Commission on Environmental Quality's (TCEQ's) Protective Concentration Levels (PCLs) for residential soil. Sample 3006-SS-2 also exceeded the commercial PCL for Dieldrin.

4-Chlorophenyl phenyl ether, a SVOC, was detected above the residential PCL in all soil samples collected, and above commercial PCLs in four of the samples (3006-SS-3, 3006-SS-4, 3006-SS-5, and 3006-SS-6). 4-Bromophenyl phenyl ether was detected above the residential PCL at four sample locations (3006-SS-3, 3006-SS-4, 3006-SS-5, and 3006-SS-6), and above the commercial PCL in Sample 3006-SS-6. Hexachlorobenzene was also detected above the residential PCL at four sample locations (3006-SS-3, 3006-SS-4, 3006-SS-5, and 3006-SS-6).

The analytical data obtained during the Phase II ESA indicate that contamination exceeds Texas Commission on Environmental Quality's soil cleanup levels in several locations, primarily for pesticides and SVOCs. Based on the Phase II ESA analytical results, Booz Allen identified the following impacts at the subject property:

- The results of the Phase II ESA confirmed that surface soils on the subject site have been impacted by Pesticides and SVOCs.
- Subsurface investigation with a GPR discovered that the floor drain in the Milk House leads off the subject site to a presumed outfall in the roadside ditch. There is a high likelihood that this drain pipe provided a pathway for contaminants

to migrate offsite and impact surface water. A ditch was observed along the south side of Aldine Western Road, and GPR indicated that the floor drain in Building 3006 is connected to a drain pipe which appears to discharge in the direction of this ditch. The nearest surface water feature (Greens Bayou) is located approximately 3,000 feet northwest of the subject site.

It is the opinion of Booz Allen Hamilton that additional investigation (e.g., Expanded Phase II ESA) of the horizontal and vertical, nature and extent of contamination identified in the Phase II ESA is warranted for the subject site.

2 SITE DESCRIPTION

2.1 Site Use and Location

CURRENT SITE USE: VA HOUSTON NATIONAL CEMETERY

HISTORIC SITE USE: AGRICULTURAL – CATTLE GRAZING

ADDRESS: 1621 ALDINE WESTERN ROAD

HOUSTON, TX 77038

COUNTY: HARRIS COUNTY

LATITUDE: 29.935224° NORTH

LONGITUDE: 95.440313° WEST

ACREAGE: 183 ACRES

ELEVATION: 95 feet above mean sea level

SITE ACCESS CONTACT: Mr. Scott Weber

SITE INVESTIGATION DATE: NOVEMBER 7, 2018

SITE ASSESSOR: Scott Austin Bolch, Environmental Professional, Booz Allen Hamilton

2.2 Location and Legal Description

The subject property includes two outbuildings, collectively known as Building 3006, located in Houston, Texas towards the northeastern boundary of the VA's Houston National Cemetery property. The subject property's is located at 1621 Aldine Western Road and adjacent areas encompass approximately 183 acres of agricultural land. The subject property is located at approximately 29.935224° north latitude and 95.440313° west longitude. The subject property is owned by the VA but is leased for agricultural purposes to Mr. Wayne Benfer. The VA plans to demolish the on-site buildings.

Concourse provided Booz Allen with due diligence information regarding the on-site buildings, including their total gross square feet (GSF) and build years. Although the build year of the buildings were listed as 1963, Booz Allen's review of historical aerial photographs during the Phase I ESA indicates that the buildings were constructed sometime between approximately 1944 and 1953, when the buildings are first observed on the subject property.

2.3 Surrounding Area General Characteristics

The area surrounding the subject property is owned by the VA and is described as the "Houston National Cemetery". The subject site is located in a developed residential, commercial, and light industrial area within the city of Houston, Texas. Areas to the east of the site appear to be topographically downgradient from the subject property, and areas to the north of the site appear to be topographically upgradient from the site.

The Houston National Cemetery is west of the subject property and includes an administration building, burial sites, and paved access roads. Adjoining the subject property to the immediate east, south, and west is approximately 183 acres of agricultural land associated with previous cattle grazing. Aldine Western Road bounds the subject property to the north.

The local area consists primarily of single-family residences, commercial buildings, and industrial buildings and warehouses.

Adjoining Properties

North	Aldine Western Road borders the subject property to the north. A horse pasture and associated stables adjoins the site to the north. Farther north is the Sam Houston Tollway.
Northeast	Across Aldine Western Road is Petroleum Oil Tools Inc. (1620 Aldine Western Road). The facility includes an industrial warehouse and adjacent administration building, a retention pond, and an aboveground storage tank (AST). The intersection of Sharmon Road and Aldine Western Road is located farther northeast of the site.
East	An open field previously used for agricultural purposes is adjacent to the subject property.
South	A dirt access road extends from the subject property farther south into an open field previously used for agricultural purposes. Farther south is a residential area.
West	An open field previously used for agricultural purposes is adjacent to the subject property. Beyond is The Houston National Cemetery, including a minor excavation site, burial grounds, paved access roads, and an administration building (10410 Veterans Memorial Drive). Also, west of the subject property, and adjacent to The Houston National Cemetery, is a building for Applied Machinery Corporation (1901 Aldine Western Road).
Northwest	Northwest of the subject property is a commercial office building (1717 N. Sam Houston Parkway). Farther northwest is Craig Mechanical Inc. (1900 Aldine Western Road), Late Model Engines (1930 Aldine Western Road), Texas Honing (2000 Aldine Western Road), and Crescent Directional Drilling (2040 Aldine Western Road).

2.4 Current Use of the Subject Property

The subject property includes a residential home and two outbuildings previously used for agricultural purposes, as described in Section 2.2. The buildings were constructed in 1953 and are currently vacant.

An administration building, burial grounds, and paved access roads are located on The Houston National Cemetery property west of the subject property. The subject property is located on outleased land from the Houston National Cemetery.

2.5 Description of Property Improvements

2.5.1 BUILDINGS

The two out buildings which collectively are known as Building 3006 have presumed transite siding and tin roofs. Building 3006 is currently unused but has historically been leased for agricultural purposes as part of a dairy farm. The interior of the southern portion of Building 3006, the “Shed” includes open space with exposed-beam wood-paneled walls and wood floors. The northern half of Building 3006, the “Milk House”, is comprised of an open entrance space, a back office, a small bathroom, a water heater, and a floor drain. The interior of the northern portion of Building 3006 includes concrete floor and concrete block walls. At the time of the site reconnaissance, several bottles and buckets of oil, gas, paint, weed killer, lubricant, fertilizer, grease, and hydraulic fluid were observed, including a box of Amine 4 (2,4-D) weed killer, a five-gallon bucket of regal oil, a bucket of lithium grease, and a jug of 72% Chlordane. During the site reconnaissance a distinct pesticide/herbicide odor was noted. Evidence of floor staining from the abovementioned containers was observed throughout the interior of Building 3006 and near the floor drains in the northern half of the building.

2.5.2 UTILITIES

The subject property is supplied with electricity by CenterPoint Energy and water utilities by Aldine Municipal. No gas is supplied to the subject property. No sewer connection is on the subject property, and a septic system is reportedly in place with a drain field located on the subject property, although its exact location is unknown.

2.5.3 ROADS/PARKING

An access road off Aldine Western Road is the only paved access to the subject property. The subject site is bound on the east, south, and west by grassed fields previously used for agricultural purposes. Dirt paths lead from the subject property to the south but have no direct access to any other paved roads.

2.5.4 CURRENT USES OF ADJOINING PROPERTIES

The subject property is located on the northern boundary of the Houston National Cemetery and is bordered to the north by Aldine Western Road. The site is adjoined on the east, south, and west by open fields previously used for agricultural purposes. Farther west is the Houston National Cemetery's main facility including an administration office, burial grounds, and paved access roads. The subject site is located in a residential, commercial, and light industrial area of Houston, Texas.

2.6 Physical Setting Sources

2.6.1 TOPOGRAPHY

Based on a review of the USGS Aldine 7.5-minute topographic map dated 2013, the elevation at the subject property is approximately 93 feet above sea level. The topographic profile in the vicinity of the site is generally towards the east. Small ponds are located west and southwest of the subject site on the Houston National Cemetery; many of which are manmade. The nearest surface body of water is the Greens Bayou stream, which is approximately 0.6 miles northwest of the subject site and flows eastward. Greens Bayou is a part of the Greens Bayou watershed and covers an area of roughly 212 square miles including the northern portion of the city of Houston.

Building 3006 sits at an elevation of approximately 94 feet above sea level. Surrounding areas to the south and west are predominantly flat. Areas north of the site are presumed to be topographically upgradient from the subject property. Surface water from Buildings 2501 and 3006 is expected to flow to the east towards Greens Bayou.

2.6.2 GEOLOGY

Based on the review of the United States Geological Survey's (USGS) Texas geologic map, the subject site is underlain by Quaternary Holocene and Quaternary Pleistocene. Quaternary Holocene and Pleistocene are comprised of an upper part clay, silt, sand, and very minor siliceous gravel. A physical evaluation of geologic conditions on or in vicinity of the subject property was not included in the scope of this Phase I ESA.

2.6.3 GROUNDWATER

Based on a review of the USGS Aldine 7.5-minute topographic map dated 2013, the subject property is situated topographically crossgradient from the surrounding properties to the south and west. The topographic profile in the vicinity of the site is generally towards the east. The Greens Bayou stream is northwest of the subject site and flows eastward.

2.6.4 HISTORICAL SUMMARY

The subject property appeared to have been developed since 1953, when the current on-site buildings were constructed. The Houston National Cemetery began development west of the subject site the following decade and has since continued development throughout at least 2012 when additional ponds and fixtures were constructed. The adjacent areas to the south and east of the subject property have remained undeveloped. No significant changes to the site were identified from 2016 (aerial photograph) until the time of the site reconnaissance. No obvious indications of on-site RECs were identified during the historical review of the site.

Areas surrounding the subject property appear to have been primarily developed since at least 1973 when residential construction began to expand south of the subject site. Areas more directly surrounding the subject property developed throughout the 1970s through the early 2000s, where aerial photographs show the surrounding properties closely resembling that observed at the time of site reconnaissance. No environmentally significant conditions were observed within 1 mile of the subject property during the historical review.

3 SITE RECONNAISSANCE

3.1 Methodology

On November 7, 2018, Mr. Scott Bolch of Booz Allen Hamilton and Mr. Marshall Contino of Concourse Federal Group conducted a site investigation of the subject property. See Section 8 to review the site photographs. The purpose of the site inspection was to identify site use characteristics and to investigate potential soil contamination posed by the RECs identified during the Phase I ESA. There were no limiting conditions present on the subject property at the time of the site visit.

The weather at the time of the site inspection was sunny with clear skies, and the temperature was approximately 80 degrees Fahrenheit. Mr. Scott Weber escorted Mr. Bolch and Mr. Contino on a walking reconnaissance of the subject property.

3.2 Sampling and Screening Methods

The objective of the soil sampling was to investigate the potential extent of contamination at the subject site. To investigate the potential impact to soil from the RECs identified during the Phase I ESA, seven surface soil samples (0" – 6" below ground surface) were obtained using a stainless-steel hand auger. Two of these samples were collected from beneath the visibly-stained floor of the Shed. Wipe samples were collected to investigate the potential for target analytes in the visibly stained areas. Four wipe samples were collected from the stained surfaces by wiping a 4-inch by 4-inch area with pre-preserved gauze pads. These samples were analyzed using the same parameters as the soil sampling. Please see Section 9 to review the site maps and sampling locations for this facility.

The following analyses were conducted for the soil and wipe samples:

- Volatile Organic Compounds (EPA Method 8260B), Semi-Volatile Organic Compounds (EPA Method 8270C), Pesticides (EPA Method 8081A), and Herbicides (method 8151)

After sample collection, a completed label was attached to each sample container and covered with packing tape. The sample containers were wrapped in bubble wrap and then placed in plastic zip-top bags. All samples were placed in a plastic lined ice chest with double-bagged ice. The chain-of-custody forms were taped on the inside of the cooler lids, and the coolers were secured with custody seals. The samples were delivered the same day to the Test America Laboratory in Houston. All samples were received by the laboratory in good condition and within 4°C ± 2°C. CoC forms are included in Attachment C.

Analytical results were compared to the applicable TCEQ residential soil PCLs, as shown in Attachment C.

4 RESULTS

4.1 Site Conditions

4.1.1 SEWAGE

Previously, Mr. Scott Weber identified a presumed septic tank adjacent to the south side of Building 2501. During the Phase II ESA, the Services of GPRS were utilized in an attempt trace the drain pipe emanating from the floor drain in the Milk House, and to detect the septic system and drain field. Utilizing a Ground-Penetrating Radar (GPR) system, a septic field was identified south of Building 2501. A septic tank was observed adjacent to the south side of Building 2501.

4.1.2 FLOOR DRAINS

A floor drain was observed in the Milk House. GPR was utilized to trace the discharge drain pipe emanating from the floor drain north to the property line, where it presumably drains into a ditch along Aldine Western Road. The outfall of this drain pipe was not observed due to thick brush.

4.1.3 DRINKING WATER

Drinking water is available at the site but is not currently utilized because the site is vacant.

4.1.4 CHEMICAL STORAGE AND HAZARD COMMUNICATION

Bottles and cans of petroleum products were observed situated on the wooden floor of the shed. Multiple bottles of 2,4-D herbicides were observed situated on the floor of the Milk House, and a bottle of chlordane pesticide was observed situated in a cabinet. Wipe samples were collected from the floors around the bottles.

4.1.5 STAINING OR RELEASES

Two stained areas were observed at the subject site. One stained area was observed on the wooden floorboards of the shed, surrounded by bottles and cans of petroleum products. The other stained area was observed around a floor drain in the Milk House. Multiple bottles of 2,4-D herbicides were observed situated on the floor, and a bottle of chlordane pesticide was observed situated in a cabinet. Wipe samples were collected from the stained areas.

4.1.6 PESTICIDES

Based on the findings of the Phase I ESA, a bottle of chlordane pesticide was observed situated on the floor of the Milk House. It was inferred that the chlordane was applied to the subject site. Additionally, multiple bottles of 2,4-D herbicide were observed situated

on the floor of the Milk House. Visual observations in this outbuilding indicated that product mixing had likely taken place around a floor drain. It was also inferred that the 2,4-D pesticides were applied to the subject site. Pesticide application for surrounding properties is unknown.

Booz Allen field personnel recorded all field activities in field logbooks. Photographs captured during the field investigation were consolidated into a photographic log and copies are presented in Section 8.

4.2 Analytical Results

On November 21, 2018, Booz Allen received the analytical results from the groundwater sampling event. After a comparison with the TDEQ PCLs (updated April 2018), most sample locations were found to exceed the screening levels for several analytes.

Two soil samples were collected from beneath the floor of the Shed and five soil samples were collected from the exterior of Building 3006. Two of these exterior samples were collected around the discovered drain pipe on the north side of the subject site.

Analysis of the two soil samples collected from beneath the floor of the Shed (3006-SS-1 and 3006-SS-2) yielded results indicative of a release of Dieldrin, a pesticide, to surface soil. Dieldrin was commonly used from the 1950s until 1970 but was discontinued by the manufacturer in 1987. Dieldrin may enter the environment from spills or leaks from containers, or during agricultural uses eradicate pests and termites. These results exceeded the TCEQ's PCL for residential soil. Sample 3006-SS-2 also exceeded the commercial PCL for Dieldrin.

4-Chlorophenyl phenyl ether, a SVOC, was detected above the residential PCL in all soil samples collected, and above commercial PCLs in four of the samples (3006-SS-3, 3006-SS-4, 3006-SS-5, and 3006-SS-6). 4-Chlorophenyl phenyl ether is used as a dielectric fluid. 4-Bromophenyl phenyl ether was detected above the residential PCL at four sample locations (3006-SS-3, 3006-SS-4, 3006-SS-5, and 3006-SS-6), and above the commercial PCL in Sample 3006-SS-6. 4-Bromophenyl phenyl ether is primarily used for research purposes. In the past it was used as a flame retardant. Hexachlorobenzene was also detected above the residential PCL at four sample locations (3006-SS-3, 3006-SS-4, 3006-SS-5, 3006-SS-6). Hexachlorobenzene was used as a pesticide until 1965 and is also a byproduct during the manufacture of other chemicals and pesticides. An analytical data table is included in Section 10.

Analysis of the wipe samples collected from the visibly stained areas in the Shed and the Milk House indicated no significant surface contamination. Bis(2-ethylhexyl) phthalate (DEHP), an SVOC, was detected above the reporting limit at sample locations 3006-W-1 and 3006-W-2. DEHP is a common laboratory contaminant and is also used as a plasticizer and found in many plastic products. Because DEHP is a common laboratory contaminant and was not detected in soil at concentrations exceeding the residential PCL, it is not believed to have presented an impact to the subject site.

5 CONCLUSIONS AND RECOMMENDATIONS

Based on the Phase II ESA analytical results, Booz Allen identified the following impacts at the subject property:

- The results of the Phase II ESA confirmed that surface soils on the subject site have been impacted by Pesticides and SVOCs. Based on these results, contaminated soils were found throughout the site and the horizontal and vertical extent of contamination is unknown.
- Subsurface investigation with a GPR discovered that the floor drain in the Milk House leads off the subject site to a presumed outfall in the roadside ditch. There is a high likelihood that this drain pipe provided a pathway for contaminants to migrate offsite and impact surface water. A ditch was observed along the south side of Aldine Western Road, and GPR indicated that the floor drain in Building 3006 is connected to a drain pipe which appears to discharge in the direction of this ditch. The nearest surface water feature (Greens Bayou) is located approximately 3,000 feet northwest of the subject site.

It is the opinion of Booz Allen Hamilton that additional investigation (e.g., Expanded Phase II ESA) of the horizontal and vertical, nature and extent of contamination identified in the Phase II ESA is warranted for the subject site. Additional historical use information should be obtained for the subject property, and additional sampling should be conducted to characterize the extent of contamination at the subject property.

6 DEVIATIONS

This following deviations were noted during this Phase II ESA:

- Sample numbers were incorrectly designated with the building number as “2501” instead of “3006”. This deviation has no impact on the findings of this Phase II ESA. The sample numbers were corrected in the final laboratory report.
- Samples were planned for collection around the septic system. However, due to the discovery of the drain pipe leading offsite from the Milk House, and that the septic system is not connected to Building 3006, this deviation has no impact on the findings of this Phase II ESA.

7 REFERENCES

Environmental data, topographic maps, aerial photographs, Certified Sanborn Maps, and City Directories were obtained from EDR using the EDR Radius Map Report with GeoCheck, Order Number 5346175, dated June 27, 2018. Copy of reference provided in Section 15.

Phase I Environmental Site Assessment Report, Houston National Cemetery – Buildings 2501 and 3006, Booz Allen Hamilton, dated August 31, 2018.

The information regarding geology was obtained from the U.S. Geologic Survey website: https://txpub.usgs.gov/dss/texasgeology/. Copy of reference provided in Section 14.

8 PHOTOGRAPHIC LOG

1. Photo No.	2. Facility
1	Houston VA Cemetery

3. Date	4. Photographer
November 7, 2018	Scott Bolch

5. Location

Houston, Texas

6. Description

View of wipe and soil sample locations on the south side of the Shed.

1. Photo No.	2. Facility
2	Houston VA Cemetery

3. Date	4. Photographer
November 7, 2018	Scott Bolch

5. Location

Houston, Texas

6. Description

View of wipe and soil sample locations on the north side of the Shed.

1. Photo No.	2. Facility
3	Houston VA Cemetery

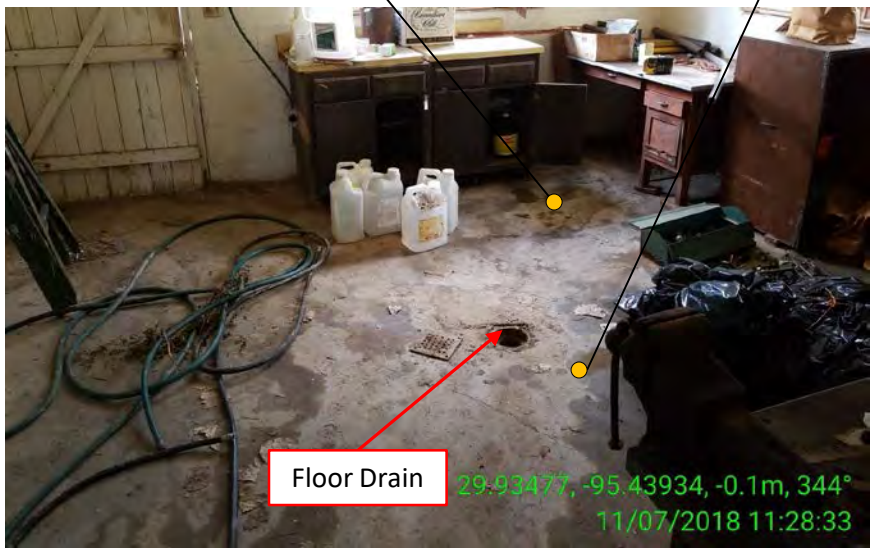
3. Date	4. Photographer
February 16, 2018	Scott Bolch

5. Location

Houston, Texas

6. Description

View of wipe sample locations around the floor drain in the Milk House.



1. Photo No.	2. Facility
4	Houston VA Cemetery

3. Date	4. Photographer
February 16, 2018	Scott Bolch

5. Location

Houston, Texas

6. Description

View of soil sample location outside of Building 3006 (facing east).

1. Photo No.	2. Facility
5	Houston VA Cemetery

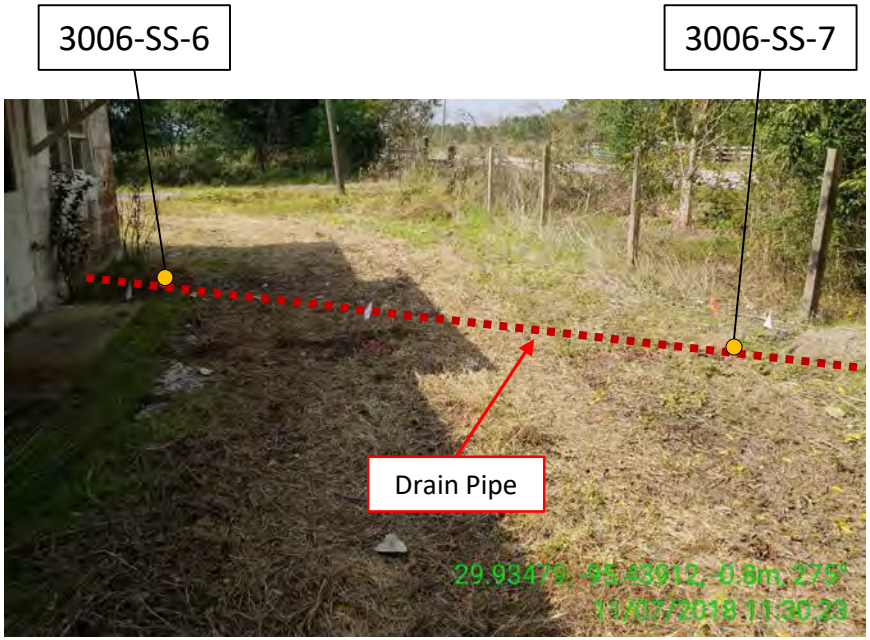
3. Date	4. Photographer
February 16, 2018	Scott Bolch

5. Location

Houston, Texas

6. Description

View of soil sample locations on the south side of the Shed, next to drain pipe (facing west).



1. Photo No.	2. Facility
6	Houston VA Cemetery

3. Date	4. Photographer
February 16, 2018	Scott Bolch

5. Location

Houston, Texas

6. Description

View of the exterior of Building 3006 (facing northeast).

1. Photo No.	2. Facility	1. Photo No.	2. Facility
7	Houston VA Cemetery	8	Houston VA Cemetery
3. Date	**4. Photographer**	**3. Date**	**4. Photographer**
February 16, 2018	Scott Bolch	February 16, 2018	Scott Bolch
5. Location		**5. Location**	
Houston, Texas		Houston, Texas	
6. Description		**6. Description**	
Septic tank (pit) on the south side of Building 2501.		Presumed location of the septic drain field south of Building 2501 (facing south).	

9 FIGURES

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Site Location Map
Houston VA Cemetery
Houston, Texas

Figure 1

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Site Overview Map
Houston VA Cemetery
Houston, Texas

Figure 2

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Phase II ESA Sample Locations - Exterior

Houston VA Cemetery

Houston, Texas

Figure 3

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Phase II ESA Sample Locations - Interior
Houston VA Cemetery
Houston, Texas

Figure 4

10 ANALYTICAL RESULTS

Houston Phase II Analytical Results											
Sample ID					3006-SS-1	3006-SS-2	3006-SS-3	3006-SS-4	3006-SS-5	3006-SS-6	3006-SS-7
Date Collected				Soil PCLs (Residential)	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	0.00187	0.00192	0.00178	0.00186	0.0019	0.00218	0.00184
8081A	4,4'-DDE	72-55-9	mg/kg	10	0.00168	0.00172	0.00159	0.00167	0.0017	0.00408	0.00165
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	0.00214	0.00219	0.00203	0.00334	0.00217	0.00941	0.0021
8081A	Aldrin	309-00-2	mg/kg	0.05	0.00916	0.0285	0.00144	0.00151	0.00154	0.00176	0.00149
8081A	alpha-BHC	319-84-6	mg/kg	0.26	0.00116	0.00118	0.0011	0.00115	0.00118	0.00135	0.00114
8081A	beta-BHC	319-85-7	mg/kg	0.93	0.00118	0.00121	0.00112	0.00117	0.0012	0.00137	0.00116
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	0.0271	0.0277	0.0257	0.0269	0.0275	0.0315	0.0266
8081A	cis-Chlordane	5103-71-9	mg/kg	13	0.0598	0.313	0.00277	0.00183	0.00187	0.00761	0.00181
8081A	delta-BHC	319-86-8	mg/kg	2.9	0.000983	0.00101	0.000933	0.000978	0.000999	0.00114	0.000966
8081A	Dieldrin	60-57-1	mg/kg	0.15	**0.679**	**2.49**	0.0115	0.0084	0.00714	0.0639	0.00158
8081A	Endosulfan I	959-98-8	mg/kg	91	0.00116	0.00118	0.0011	0.00115	0.00118	0.00135	0.00114
8081A	Endosulfan II	33213-65-9	mg/kg	270	0.00175	0.00179	0.00166	0.00174	0.00177	0.00832	0.00172
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	0.00194	0.00199	0.00184	0.00193	0.00197	0.00226	0.00191
8081A	Endrin	72-20-8	mg/kg	9	0.00177	0.00181	0.00168	0.00176	0.0018	0.00206	0.00174
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	0.0018	0.00185	0.00171	0.00179	0.00183	0.0021	0.00177
8081A	Endrin ketone	53494-70-5	mg/kg	19	0.00271	0.00425	0.00169	0.00177	0.00181	0.00207	0.00175
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	0.00108	0.0011	0.00102	0.00107	0.00109	0.00125	0.00106
8081A	Heptachlor	76-44-8	mg/kg	0.13	0.00108	0.0011	0.00102	0.00107	0.00109	0.00125	0.00106
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	0.00135	0.00138	0.00128	0.00135	0.00138	0.00157	0.00133
8081A	Methoxychlor	72-43-5	mg/kg	270	0.00933	0.00955	0.00886	0.00929	0.00948	0.0109	0.00917
8081A	Toxaphene	8001-35-2	mg/kg	1.2	0.0845	0.326	0.0802	0.0841	0.0859	0.339	0.0831
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	0.0419	0.225	0.00214	0.00144	0.00147	0.00329	0.00142
8151	2,4,5-T	93-76-5	mg/kg	670	0.0017	0.00173	0.0016	0.00168	0.00173	0.00197	0.00166
8151	2,4-D	94-75-7	mg/kg	730	0.00131	0.00134	0.00124	0.0013	0.00134	0.00153	0.00129
8151	2,4-DB	94-82-6	mg/kg	530	0.00255	0.0026	0.00241	0.00253	0.00259	0.00296	0.0025
8151	Dicamba	1918-00-9	mg/kg	2000	0.00177	0.00181	0.00168	0.00176	0.00181	0.00206	0.00174
8151	Dichlorprop	120-36-5	mg/kg	670	0.00174	0.00177	0.00164	0.00172	0.00177	0.00202	0.0017
8151	Dinoseb	88-85-7	mg/kg	67	0.00123	0.00126	0.00117	0.00122	0.00126	0.00144	0.00121
8151	MCPA	94-74-6	mg/kg	33	0.251	0.256	0.237	0.249	0.255	0.292	0.246
8151	Mecoprop	93-65-2	mg/kg	67	0.177	0.181	0.167	0.176	0.18	0.206	0.173
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	0.00166	0.00169	0.00157	0.00165	0.00169	0.00193	0.00163
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	0.000953	0.000901	0.000719	0.000792	0.00087	0.00252	0.000675
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	0.00112	0.00106	0.000846	0.000931	0.00102	0.00296	0.000793
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	0.00185	0.00175	0.0014	0.00154	0.00169	0.0049	0.00131
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	0.00094	0.000889	0.00071	0.000781	0.000859	0.00248	0.000665
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	0.00112	0.00106	0.000846	0.000931	0.00102	0.00296	0.000793
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	0.00157	0.00149	0.00119	0.0013	0.00143	0.00415	0.00111
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	0.00254	0.0024	0.00192	0.00211	0.00232	0.0067	0.0018
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	0.00314	0.00297	0.00237	0.00261	0.00287	0.0083	0.00222
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	0.00131	0.00124	0.000992	0.00109	0.0012	0.00347	0.00093
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	0.00103	0.000974	0.000778	0.000856	0.000941	0.00272	0.000729

Houston Phase II Analytical Results											
Sample ID					3006-SS-1	3006-SS-2	3006-SS-3	3006-SS-4	3006-SS-5	3006-SS-6	3006-SS-7
Date Collected				Soil PCLs (Residential)	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	0.00116	0.0011	0.000875	0.000963	0.00106	0.00306	0.00082
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	0.000914	0.000865	0.00069	0.000759	0.000835	0.00241	0.000647
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	0.000914	0.000865	0.00069	0.000759	0.000835	0.00241	0.000647
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	0.00085	0.000804	0.000642	0.000706	0.000776	0.00224	0.000602
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	0.00245	0.00231	0.00185	0.00203	0.00223	0.00646	0.00173
8260B	2-Hexanone	591-78-6	mg/kg	270	0.0013	0.00123	0.000982	0.00108	0.00119	0.00343	0.000921
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	0.00189	0.00179	0.00143	0.00157	0.00173	0.005	0.00134
8260B	Acetone	67-64-1	mg/kg	66000	0.00214	0.00202	0.00161	0.00178	0.00195	0.00564	0.00151
8260B	Benzene	71-43-2	mg/kg	120	0.000811	0.000767	0.000612	0.000674	0.000741	0.00214	0.000574
8260B	Bromodichloromethane	75-27-4	mg/kg	98	0.00085	0.000804	0.000642	0.000706	0.000776	0.00224	0.000602
8260B	Bromoform	75-25-2	mg/kg	400	0.00176	0.00167	0.00133	0.00147	0.00161	0.00466	0.00125
8260B	Bromomethane	74-83-9	mg/kg	46	0.00107	0.00101	0.000807	0.000888	0.000976	0.00282	0.000757
8260B	Carbon disulfide	75-15-0	mg/kg	4600	0.000708	0.00067	0.000535	0.000588	0.000647	0.00187	0.000501
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	0.00145	0.00138	0.0011	0.00121	0.00133	0.00384	0.00103
8260B	Chlorobenzene	108-90-7	mg/kg	520	0.00124	0.00117	0.000933	0.00103	0.00113	0.00326	0.000875
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	0.00229	0.00217	0.00173	0.0019	0.00209	0.00605	0.00162
8260B	Chloroethane	75-00-3	mg/kg	27000	0.0018	0.0017	0.00136	0.0015	0.00165	0.00476	0.00128
8260B	Chloroform	67-66-3	mg/kg	16	0.00085	0.000804	0.000642	0.000706	0.000776	0.00224	0.000602
8260B	Chloromethane	74-87-3	mg/kg	140	0.00214	0.00202	0.00161	0.00178	0.00195	0.00564	0.00151
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	0.00107	0.00101	0.000807	0.000888	0.000976	0.00282	0.000757
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	0.000695	0.000658	0.000525	0.000578	0.000635	0.00184	0.000492
8260B	Cyclohexane	110-82-7	mg/kg	75000	0.00247	0.00234	0.00187	0.00205	0.00226	0.00653	0.00175
8260B	Dibromochloromethane	124-48-1	mg/kg	72	0.00121	0.00114	0.000914	0.00101	0.00111	0.0032	0.000857
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	0.00198	0.00188	0.0015	0.00165	0.00181	0.00524	0.0014
8260B	Ethylbenzene	100-41-4	mg/kg	6400	0.00131	0.00124	0.000992	0.00109	0.0012	0.00347	0.00093
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	0.00118	0.00112	0.000894	0.000984	0.00108	0.00313	0.000839
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	0.00236	0.00223	0.00178	0.00196	0.00215	0.00622	0.00167
8260B	Methylene Chloride	75-09-2	mg/kg	1600	0.00282	0.00267	0.00213	0.00234	0.00258	0.00745	0.002
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	0.00196	0.00185	0.00148	0.00163	0.00179	0.00517	0.00139
8260B	o-Xylene	95-47-6	mg/kg	48000	0.00145	0.00138	0.0011	0.00121	0.00133	0.00384	0.00103
8260B	Styrene	100-42-5	mg/kg	6700	0.000914	0.000865	0.00069	0.000759	0.000835	0.00241	0.000647
8260B	Tetrachloroethene	127-18-4	mg/kg	710	0.000914	0.000865	0.00069	0.000759	0.000835	0.00241	0.000647
8260B	Toluene	108-88-3	mg/kg	5900	0.00178	0.00168	0.00134	0.00148	0.00162	0.00469	0.00126
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	0.00147	0.00139	0.00111	0.00122	0.00134	0.00388	0.00104
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	0.000747	0.000706	0.000564	0.00062	0.000682	0.00197	0.000529
8260B	Trichloroethene	79-01-6	mg/kg	18	0.0018	0.0017	0.00136	0.0015	0.00165	0.00476	0.00128
8260B	Vinyl acetate	108-05-4	mg/kg	3000	0.0012	0.00113	0.000904	0.000995	0.00109	0.00316	0.000848
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	0.00116	0.0011	0.000875	0.000963	0.00106	0.00306	0.00082
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	0.00145	0.00138	0.0011	0.00121	0.00133	0.00384	0.00103
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	0.048	0.0492	0.228	0.24	0.245	0.28	0.0472
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	0.0718	0.0736	0.341	0.359	0.367	0.419	0.0707
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	0.208	0.213	0.989	1.04	1.06	1.22	0.205
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	0.211	0.216	1	1.06	1.08	1.23	0.208
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	0.0736	0.0754	0.349	0.367	0.376	0.429	0.0724
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	0.148	0.152	0.703	0.739	0.755	0.863	0.146
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	0.0381	0.039	0.181	0.19	0.194	0.222	0.0375
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	0.242	0.248	1.15	1.21	1.24	1.41	0.239
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	0.248	0.255	1.18	1.24	1.27	1.45	0.245
8270C	2-Chlorophenol	95-57-8	mg/kg	410	0.0269	0.0276	0.128	0.135	0.138	0.157	0.0265
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	0.219	0.224	1.04	1.09	1.12	1.28	0.215

Houston Phase II Analytical Results											
Sample ID					3006-SS-1	3006-SS-2	3006-SS-3	3006-SS-4	3006-SS-5	3006-SS-6	3006-SS-7
Date Collected				Soil PCLs (Residential)	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result
8270C	2-Methylphenol	95-48-7	mg/kg	3300	0.0438	0.0449	0.208	0.219	0.224	0.255	0.0431
8270C	2-Nitroaniline	88-74-4	mg/kg	14	0.225	0.231	1.07	1.12	1.15	1.31	0.222
8270C	2-Nitrophenol	88-75-5	mg/kg	130	0.208	0.213	0.988	1.04	1.06	1.21	0.205
8270C	3 & 4 Methylphenol	15831-10-4	mg/kg	330	0.0348	0.0356	0.165	0.174	0.178	0.203	0.0342
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	0.0735	0.0754	0.349	0.367	0.375	0.429	0.0724
8270C	3-Nitroaniline	99-09-2	mg/kg	15	0.245	0.251	1.16	1.22	1.25	1.43	0.241
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	0.239	0.245	1.14	1.2	1.22	1.4	0.236
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	0.231	0.237	**1.1**	**1.16**	**1.18**	**1.35**	0.228
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	0.222	0.228	1.05	1.11	1.13	1.3	0.219
8270C	4-Chloroaniline	106-47-8	mg/kg	23	0.0763	0.0782	0.362	0.381	0.39	0.445	0.0751
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	**0.229**	**0.235**	**1.09**	**1.15**	**1.17**	**1.34**	**0.226**
8270C	4-Nitroaniline	100-01-6	mg/kg	220	0.209	0.214	0.991	1.04	1.07	1.22	0.205
8270C	4-Nitrophenol	100-02-7	mg/kg	130	0.208	0.213	0.988	1.04	1.06	1.21	0.205
8270C	Acenaphthene	83-32-9	mg/kg	3000	0.219	0.224	1.04	1.09	1.12	1.28	0.215
8270C	Acenaphthylene	208-96-8	mg/kg	3800	0.223	0.228	1.06	1.11	1.14	1.3	0.219
8270C	Acetophenone	98-86-2	mg/kg	6700	0.0443	0.0454	0.211	0.221	0.226	0.259	0.0437
8270C	Anthracene	120-12-7	mg/kg	18000	0.24	0.246	1.14	1.2	1.22	1.4	0.236
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	0.24	0.246	1.14	1.2	1.22	1.4	0.236
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	0.214	0.219	1.02	1.07	1.09	1.25	0.211
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	0.0224	0.0229	0.662	0.112	0.114	0.13	0.022
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	0.203	0.208	0.963	1.01	1.03	1.18	0.2
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	0.034	0.0349	0.162	0.17	0.174	0.198	0.0335
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	0.04	0.041	0.19	0.2	0.204	0.234	0.0394
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	0.215	0.221	1.02	1.08	1.1	1.26	0.212
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	0.0381	0.0391	0.181	0.19	0.195	0.223	0.0376
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	0.231	0.237	1.1	1.16	1.18	1.35	0.228
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	0.232	0.238	1.1	1.16	1.18	1.35	0.229
8270C	Carbazole	86-74-8	mg/kg	230	0.236	0.242	1.12	1.18	1.2	1.37	0.232
8270C	Chrysene	218-01-9	mg/kg	4100	0.233	0.239	1.11	1.17	1.19	1.36	0.23
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	0.219	0.225	1.04	1.1	1.12	1.28	0.216
8270C	Dibenzofuran	132-64-9	mg/kg	270	0.227	0.233	1.08	1.14	1.16	1.33	0.224
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	0.236	0.242	1.12	1.18	1.21	1.38	0.232
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	0.231	0.237	1.1	1.15	1.18	1.35	0.227
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	0.246	0.252	1.17	1.23	1.26	1.44	0.243
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	0.247	0.253	1.17	1.23	1.26	1.44	0.243
8270C	Fluoranthene	206-44-0	mg/kg	2300	0.244	0.25	1.16	1.22	1.24	1.42	0.24
8270C	Fluorene	86-73-7	mg/kg	2300	0.235	0.241	1.12	1.17	1.2	1.37	0.231
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	0.241	0.247	**1.14**	**1.2**	**1.23**	**1.4**	0.237
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	0.0392	0.0402	0.186	0.196	0.2	0.229	0.0386
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	0.0258	0.0264	0.122	0.129	0.131	0.15	0.0254
8270C	Hexachloroethane	67-72-1	mg/kg	46	0.0346	0.0355	0.164	0.173	0.177	0.202	0.0341
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	0.209	0.215	0.994	1.05	1.07	1.22	0.206
8270C	Isophorone	78-59-1	mg/kg	4900	0.224	0.23	1.06	1.12	1.14	1.31	0.221
8270C	Naphthalene	91-20-3	mg/kg	220	0.0223	0.0229	0.106	0.111	0.114	0.13	0.022
8270C	Nitrobenzene	98-95-3	mg/kg	66	0.0548	0.0562	0.26	0.274	0.28	0.32	0.054
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	0.0331	0.0339	0.157	0.165	0.169	0.193	0.0326
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	0.0365	0.0374	0.173	0.182	0.186	0.213	0.0359
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	0.0256	0.0262	0.121	0.128	0.131	0.149	0.0252
8270C	Phenanthrene	85-01-8	mg/kg	1700	0.235	0.241	1.11	1.17	1.2	1.37	0.231
8270C	Phenol	108-95-2	mg/kg	1800	0.0432	0.0443	0.205	0.216	0.221	0.252	0.0425
8270C	Pyrene	129-00-0	mg/kg	1700	0.255	0.262	1.21	1.28	1.3	1.49	0.251
Results in bold indicate Resiedntial PCL exceedances.											

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Tel: (713)690-4444

TestAmerica Job ID: 600-175884-1
Client Project/Site: Booz Allen VA Cemetery 11-07-18
Revision: 1

For:
Booz Allen Hamilton Inc
1349 West Peachtree Street NW
Suite 1400
Atlanta, Georgia 30309

Attn: Scott Bolch

Dean A. Joiner

Authorized for release by:
12/4/2018 12:01:45 PM

Dean Joiner, Project Manager II
(713)690-4444
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Table of Contents

Job ID: 600-175884-1

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-175884-1

Comments
This report was revised updating the sample IDs at the request of the client on December 4, 2018.

Receipt
The samples were received on 11/7/2018 1:13 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 6.3º C.

GC/MS VOA
Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 600-252426 recovered above the upper control limit for 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 600-252424 and analytical batch 600-252426 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene, Carbon disulfide, and Cyclohexane

Method(s) 8260B: The following samples were diluted due to the nature of the sample matrix: 2501-W-1 (600-175884-1), 2501-W-2 (600-175884-2), 2501-W-3 (600-175884-3) and 2501-W-4 (600-175884-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: Sample was prepped within the 14 day holding time for 8260B_H methods. PM incorrectly used wrong method code which requires samples to be prepped within 48 hours.

2501-W-1 (600-175884-1), 2501-W-2 (600-175884-2), 2501-W-3 (600-175884-3) and 2501-W-4 (600-175884-4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270C: Surrogate recovery for the following samples were outside control limits: 2501-W-1 (600-175884-1), 2501-W-2 (600-175884-2), 2501-W-3 (600-175884-3) and 2501-W-4 (600-175884-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8081A: Since Methoxychlor RL was so high, dilution was not needed.

2501-W-1 (600-175884-1)

Method(s) 8151A: The continuing calibration verification (CCV) associated with batch 600-251927 recovered above the upper control limit for 2,4,5-TP(50.8%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: The continuing calibration verification (CCV) associated with batch 600-251927 recovered above the upper control limit for 2,4-DB(30.5%),Dinoseb(23.1%), and 2,4,5-TP(18.6%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3580A: The following samples required a Florisil clean-up, via EPA Method 3620B, to reduce matrix interferences: 2501-W-1 (600-175884-1), 2501-W-2 (600-175884-2), 2501-W-3 (600-175884-3) and 2501-W-4 (600-175884-4).

Job ID: 600-175884-1 (Continued)

Laboratory: TestAmerica Houston (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allen VA Cemetery 11-07-18

TestAmerica Job ID: 600-175884-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL HOU
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL HOU
8081A	Organochlorine Pesticides (GC)	SW846	TAL HOU
8151	Herbicides	SW846	TAL HOU
3550B	Ultrasonic Extraction	SW846	TAL HOU
3580A	Waste Dilution	SW846	TAL HOU
5035A	Closed System Purge & Trap/Methanol	SW846	TAL HOU
8151A	Chlorinated Herbicides by GC - Solids Prep	SW846	TAL HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allen VA Cemetery 11-07-18

TestAmerica Job ID: 600-175884-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-175884-1	3006-W-1	Wipe	11/07/18 10:55	11/07/18 13:13
600-175884-2	3006-W-2	Wipe	11/07/18 11:05	11/07/18 13:13
600-175884-3	3006-W-3	Wipe	11/07/18 11:12	11/07/18 13:13
600-175884-4	3006-W-4	Wipe	11/07/18 11:20	11/07/18 13:13

Client Sample ID: 3006-W-1
Date Collected: 11/07/18 10:55
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-1
Matrix: Wipe

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.99	U	18.8	4.99	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Chloromethane	3.83	U	37.5	3.83	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Vinyl chloride	3.68	U	18.8	3.68	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Bromomethane	4.45	U	37.5	4.45	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Chloroethane	6.67	U	37.5	6.67	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,1-Dichloroethene	5.93	U *	18.8	5.93	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
trans-1,2-Dichloroethene	7.05	U	37.5	7.05	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	8.75	U *	18.8	8.75	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Methyl tert-butyl ether	5.05	U	18.8	5.05	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Acetone	13.3	U	75.0	13.3	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Carbon disulfide	5.63	U *	37.5	5.63	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Methylene Chloride	7.24	U	37.5	7.24	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Vinyl acetate	11.3	U	37.5	11.3	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
cis-1,2-Dichloroethene	6.41	U	18.8	6.41	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
2-Butanone (MEK)	15.1	U	56.3	15.1	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Chlorobromomethane	8.37	U	37.5	8.37	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Cyclohexane	6.79	U *	18.8	6.79	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Carbon tetrachloride	6.91	U	37.5	6.91	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Benzene	6.70	U	18.8	6.70	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,2-Dichloroethane	3.87	U	18.8	3.87	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Trichloroethene	5.96	U	18.8	5.96	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,1,1-Trichloroethane	7.64	U	18.8	7.64	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,1-Dichloroethane	5.99	U	18.8	5.99	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,2-Dichloropropane	6.06	U	18.8	6.06	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Chloroform	6.34	U	18.8	6.34	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Bromodichloromethane	6.46	U	18.8	6.46	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
cis-1,3-Dichloropropene	8.13	U	37.5	8.13	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
4-Methyl-2-pentanone (MIBK)	12.1	U	37.5	12.1	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Toluene	7.11	U	18.8	7.11	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
trans-1,3-Dichloropropene	5.87	U	18.8	5.87	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,1,2-Trichloroethane	5.87	U	18.8	5.87	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Tetrachloroethene	7.56	U	37.5	7.56	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
2-Hexanone	11.1	U	37.5	11.1	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Dibromochloromethane	6.34	U	18.8	6.34	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,2-Dibromoethane	5.22	U	18.8	5.22	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Chlorobenzene	6.02	U	18.8	6.02	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Ethylbenzene	6.63	U	18.8	6.63	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
m-Xylene & p-Xylene	7.29	U	37.5	7.29	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Xylenes, Total	6.35	U	18.8	6.35	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
o-Xylene	6.35	U	18.8	6.35	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Styrene	5.36	U	18.8	5.36	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Bromoform	8.40	U	37.5	8.40	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
Isopropylbenzene	6.04	U	18.8	6.04	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,1,2,2-Tetrachloroethane	5.23	U	18.8	5.23	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,3-Dichlorobenzene	7.65	U	37.5	7.65	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,4-Dichlorobenzene	7.23	U	37.5	7.23	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,2-Dichlorobenzene	6.16	U	18.8	6.16	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,2-Dibromo-3-Chloropropane	5.98	U	18.8	5.98	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1
1,2,4-Trichlorobenzene	5.60	U	18.8	5.60	ug/Wipe		11/19/18 12:00	11/19/18 18:13	1

Client Sample ID: 3006-W-1
Date Collected: 11/07/18 10:55
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-1
Matrix: Wipe

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*71*		*61 - 130*	*11/19/18 12:00*	*11/19/18 18:13*	*1*
Dibromofluoromethane	*76*		*68 - 140*	*11/19/18 12:00*	*11/19/18 18:13*	*1*
Toluene-d8 (Surr)	*88*		*50 - 130*	*11/19/18 12:00*	*11/19/18 18:13*	*1*
4-Bromofluorobenzene	*108*		*57 - 140*	*11/19/18 12:00*	*11/19/18 18:13*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.560	U	10.0	0.560	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Bis(2-chloroethyl)ether	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2-Chlorophenol	0.350	U	10.0	0.350	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2-Methylphenol	0.568	U	10.0	0.568	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
3 & 4 Methylphenol	0.451	U	10.0	0.451	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
N-Nitrosodi-n-propylamine	0.429	U	10.0	0.429	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Hexachloroethane	0.449	U	10.0	0.449	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Acetophenone	0.575	U	10.0	0.575	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Nitrobenzene	0.711	U	10.0	0.711	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Isophorone	2.91	U	10.0	2.91	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2,4-Dimethylphenol	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Bis(2-chloroethoxy)methane	2.79	U	10.0	2.79	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2,4-Dichlorophenol	2.74	U	10.0	2.74	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Naphthalene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
4-Chloroaniline	0.990	U	10.0	0.990	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Hexachlorobutadiene	0.509	U	10.0	0.509	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
4-Chloro-3-methylphenol	2.88	U	10.0	2.88	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2-Methylnaphthalene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Hexachlorocyclopentadiene	0.334	U	10.0	0.334	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2,4,6-Trichlorophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2,4,5-Trichlorophenol	0.931	U	10.0	0.931	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2-Chloronaphthalene	3.22	U	10.0	3.22	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
1,1'-Biphenyl	0.623	U	10.0	0.623	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2-Nitroaniline	2.92	U	10.0	2.92	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Dimethyl phthalate	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Acenaphthylene	2.89	U	10.0	2.89	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2,6-Dinitrotoluene	3.14	U	10.0	3.14	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
3-Nitroaniline	3.17	U	10.0	3.17	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Acenaphthene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2,4-Dinitrophenol	1.92	U	10.0	1.92	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
4-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Dibenzofuran	2.95	U	10.0	2.95	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
2,4-Dinitrotoluene	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Diethyl phthalate	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
4-Chlorophenyl phenyl ether	2.98	U	10.0	2.98	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Fluorene	3.05	U	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
4-Nitroaniline	2.71	U	10.0	2.71	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
4,6-Dinitro-2-methylphenol	3.10	U	10.0	3.10	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
N-Nitrosodiphenylamine	0.473	U	10.0	0.473	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
4-Bromophenyl phenyl ether	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Hexachlorobenzene	3.12	U	10.0	3.12	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Pentachlorophenol	0.332	U	10.0	0.332	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1

Client Sample ID: 3006-W-1
Date Collected: 11/07/18 10:55
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-1
Matrix: Wipe

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	3.05	U	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Carbazole	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Di-n-butyl phthalate	3.19	U	10.0	3.19	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Fluoranthene	3.16	U	10.0	3.16	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Pyrene	3.31	U	10.0	3.31	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Butyl benzyl phthalate	3.01	U	10.0	3.01	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
3,3'-Dichlorobenzidine	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Benzo[a]anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Bis(2-ethylhexyl) phthalate	**31.0**		10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Chrysene	3.03	U	10.0	3.03	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Di-n-octyl phthalate	3.20	U	10.0	3.20	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Benzo[b]fluoranthene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Benzo[k]fluoranthene	0.441	U	10.0	0.441	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Benzo[a]pyrene	2.78	U	10.0	2.78	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Indeno[1,2,3-cd]pyrene	2.72	U	10.0	2.72	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Dibenz(a,h)anthracene	2.85	U	10.0	2.85	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
Benzo[g,h,i]perylene	2.63	U	10.0	2.63	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1
bis (2-Chloroisopropyl) ether	0.519	U	10.0	0.519	ug/Wipe		11/12/18 14:19	11/13/18 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*33*	*X*	*45 - 130*	*11/12/18 14:19*	*11/13/18 17:01*	*1*
Nitrobenzene-d5	*41*	*X*	*46 - 130*	*11/12/18 14:19*	*11/13/18 17:01*	*1*
2-Fluorobiphenyl	*50*		*42 - 130*	*11/12/18 14:19*	*11/13/18 17:01*	*1*
2,4,6-Tribromophenol	*68*		*25 - 130*	*11/12/18 14:19*	*11/13/18 17:01*	*1*
Terphenyl-d14	*62*		*51 - 130*	*11/12/18 14:19*	*11/13/18 17:01*	*1*
Phenol-d5 (Surr)	*39*	*X*	*48 - 130*	*11/12/18 14:19*	*11/13/18 17:01*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
gamma-BHC (Lindane)	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
beta-BHC	1.02	U	1.70	1.02	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
delta-BHC	0.850	U	1.70	0.850	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Heptachlor	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Aldrin	1.31	U	1.70	1.31	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Heptachlor epoxide	1.17	U	1.70	1.17	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
trans-Chlordane	1.25	U	3.30	1.25	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
cis-Chlordane	1.59	U	3.30	1.59	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
4,4'-DDE	1.45	U	3.30	1.45	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Endosulfan I	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Dieldrin	1.39	U	3.30	1.39	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Endrin	1.53	U	3.30	1.53	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
4,4'-DDD	1.62	U	3.30	1.62	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Endosulfan II	1.51	U	1.70	1.51	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
4,4'-DDT	1.85	U	3.30	1.85	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Endrin aldehyde	1.56	U	3.30	1.56	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Methoxychlor	**10.4**	**J E p**	17.0	8.07	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Endosulfan sulfate	1.68	U	3.30	1.68	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Endrin ketone	1.54	U	3.30	1.54	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1

Client Sample ID: 3006-W-1
Lab Sample ID: 600-175884-1
Date Collected: 11/07/18 10:55
Matrix: Wipe
Date Received: 11/07/18 13:13

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	1.50	U	33.0	1.50	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1
Toxaphene	73.1	U	170	73.1	ug/Wipe		11/12/18 16:00	11/15/18 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*50 - 143*	*11/12/18 16:00*	*11/15/18 19:57*	*1*
DCB Decachlorobiphenyl	*65*		*47 - 177*	*11/12/18 16:00*	*11/15/18 19:57*	*1*

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	0.0500	U	0.400	0.0500	ug/Wipe		11/08/18 15:42	11/12/18 21:13	1
Mecoprop	4.59	U	40.0	4.59	ug/Wipe		11/08/18 15:42	11/12/18 21:13	1
MCPA	6.50	U	40.0	6.50	ug/Wipe		11/08/18 15:42	11/12/18 21:13	1
Dichlorprop	0.0450	U	0.400	0.0450	ug/Wipe		11/08/18 15:42	11/12/18 21:13	1
2,4-D	0.0340	U	0.400	0.0340	ug/Wipe		11/08/18 15:42	11/12/18 21:13	1
Silvex (2,4,5-TP)	0.0430	U	0.400	0.0430	ug/Wipe		11/08/18 15:42	11/12/18 21:13	1
2,4,5-T	0.0440	U	0.400	0.0440	ug/Wipe		11/08/18 15:42	11/12/18 21:13	1
2,4-DB	0.0660	U	0.400	0.0660	ug/Wipe		11/08/18 15:42	11/12/18 21:13	1
Dinoseb	0.0320	U	0.400	0.0320	ug/Wipe		11/08/18 15:42	11/12/18 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*51*		*22 - 130*	*11/08/18 15:42*	*11/12/18 21:13*	*1*

Client Sample ID: 3006-W-2
Lab Sample ID: 600-175884-2
Date Collected: 11/07/18 11:05
Matrix: Wipe
Date Received: 11/07/18 13:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.99	U	18.8	4.99	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Chloromethane	3.83	U	37.5	3.83	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Vinyl chloride	3.68	U	18.8	3.68	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Bromomethane	4.45	U	37.5	4.45	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Chloroethane	6.67	U	37.5	6.67	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,1-Dichloroethene	5.93	U *	18.8	5.93	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
trans-1,2-Dichloroethene	7.05	U	37.5	7.05	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	8.75	U *	18.8	8.75	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Methyl tert-butyl ether	5.05	U	18.8	5.05	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Acetone	13.3	U	75.0	13.3	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Carbon disulfide	5.63	U *	37.5	5.63	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Methylene Chloride	7.24	U	37.5	7.24	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Vinyl acetate	11.3	U	37.5	11.3	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
cis-1,2-Dichloroethene	6.41	U	18.8	6.41	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
2-Butanone (MEK)	15.1	U	56.3	15.1	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Chlorobromomethane	8.37	U	37.5	8.37	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Cyclohexane	6.79	U *	18.8	6.79	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Carbon tetrachloride	6.91	U	37.5	6.91	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Benzene	6.70	U	18.8	6.70	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,2-Dichloroethane	3.87	U	18.8	3.87	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Trichloroethene	5.96	U	18.8	5.96	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,1,1-Trichloroethane	7.64	U	18.8	7.64	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1

Client Sample ID: 3006-W-2
Date Collected: 11/07/18 11:05
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-2
Matrix: Wipe

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.99	U	18.8	5.99	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,2-Dichloropropane	6.06	U	18.8	6.06	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Chloroform	6.34	U	18.8	6.34	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Bromodichloromethane	6.46	U	18.8	6.46	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
cis-1,3-Dichloropropene	8.13	U	37.5	8.13	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
4-Methyl-2-pentanone (MIBK)	12.1	U	37.5	12.1	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Toluene	7.11	U	18.8	7.11	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
trans-1,3-Dichloropropene	5.87	U	18.8	5.87	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,1,2-Trichloroethane	5.87	U	18.8	5.87	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Tetrachloroethene	7.56	U	37.5	7.56	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
2-Hexanone	11.1	U	37.5	11.1	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Dibromochloromethane	6.34	U	18.8	6.34	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,2-Dibromoethane	5.22	U	18.8	5.22	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Chlorobenzene	6.02	U	18.8	6.02	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Ethylbenzene	6.63	U	18.8	6.63	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
m-Xylene & p-Xylene	7.29	U	37.5	7.29	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Xylenes, Total	6.35	U	18.8	6.35	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
o-Xylene	6.35	U	18.8	6.35	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Styrene	5.36	U	18.8	5.36	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Bromoform	8.40	U	37.5	8.40	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
Isopropylbenzene	6.04	U	18.8	6.04	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,1,2,2-Tetrachloroethane	5.23	U	18.8	5.23	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,3-Dichlorobenzene	7.65	U	37.5	7.65	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,4-Dichlorobenzene	7.23	U	37.5	7.23	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,2-Dichlorobenzene	6.16	U	18.8	6.16	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,2-Dibromo-3-Chloropropane	5.98	U	18.8	5.98	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1
1,2,4-Trichlorobenzene	5.60	U	18.8	5.60	ug/Wipe		11/19/18 12:00	11/19/18 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*69*		*61 - 130*	*11/19/18 12:00*	*11/19/18 18:35*	*1*
Dibromofluoromethane	*73*		*68 - 140*	*11/19/18 12:00*	*11/19/18 18:35*	*1*
Toluene-d8 (Surr)	*86*		*50 - 130*	*11/19/18 12:00*	*11/19/18 18:35*	*1*
4-Bromofluorobenzene	*99*		*57 - 140*	*11/19/18 12:00*	*11/19/18 18:35*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.560	U	10.0	0.560	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Bis(2-chloroethyl)ether	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2-Chlorophenol	0.350	U	10.0	0.350	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2-Methylphenol	0.568	U	10.0	0.568	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
3 & 4 Methylphenol	0.451	U	10.0	0.451	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
N-Nitrosodi-n-propylamine	0.429	U	10.0	0.429	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Hexachloroethane	0.449	U	10.0	0.449	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Acetophenone	0.575	U	10.0	0.575	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Nitrobenzene	0.711	U	10.0	0.711	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Isophorone	2.91	U	10.0	2.91	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2,4-Dimethylphenol	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Bis(2-chloroethoxy)methane	2.79	U	10.0	2.79	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2,4-Dichlorophenol	2.74	U	10.0	2.74	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1

Client Sample ID: 3006-W-2
Date Collected: 11/07/18 11:05
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-2
Matrix: Wipe

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
4-Chloroaniline	0.990	U	10.0	0.990	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Hexachlorobutadiene	0.509	U	10.0	0.509	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
4-Chloro-3-methylphenol	2.88	U	10.0	2.88	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2-Methylnaphthalene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Hexachlorocyclopentadiene	0.334	U	10.0	0.334	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2,4,6-Trichlorophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2,4,5-Trichlorophenol	0.931	U	10.0	0.931	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2-Chloronaphthalene	3.22	U	10.0	3.22	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
1,1'-Biphenyl	0.623	U	10.0	0.623	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2-Nitroaniline	2.92	U	10.0	2.92	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Dimethyl phthalate	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Acenaphthylene	2.89	U	10.0	2.89	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2,6-Dinitrotoluene	3.14	U	10.0	3.14	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
3-Nitroaniline	3.17	U	10.0	3.17	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Acenaphthene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2,4-Dinitrophenol	1.92	U	10.0	1.92	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
4-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Dibenzofuran	2.95	U	10.0	2.95	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
2,4-Dinitrotoluene	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Diethyl phthalate	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
4-Chlorophenyl phenyl ether	2.98	U	10.0	2.98	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Fluorene	3.05	U	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
4-Nitroaniline	2.71	U	10.0	2.71	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
4,6-Dinitro-2-methylphenol	3.10	U	10.0	3.10	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
N-Nitrosodiphenylamine	0.473	U	10.0	0.473	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
4-Bromophenyl phenyl ether	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Hexachlorobenzene	3.12	U	10.0	3.12	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Pentachlorophenol	0.332	U	10.0	0.332	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Phenanthrene	**3.81**	**J**	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Carbazole	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Di-n-butyl phthalate	3.19	U	10.0	3.19	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Fluoranthene	**4.36**	**J**	10.0	3.16	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Pyrene	3.31	U	10.0	3.31	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Butyl benzyl phthalate	3.01	U	10.0	3.01	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
3,3'-Dichlorobenzidine	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Benzo[a]anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Bis(2-ethylhexyl) phthalate	**14.4**		10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Chrysene	3.03	U	10.0	3.03	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Di-n-octyl phthalate	3.20	U	10.0	3.20	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Benzo[b]fluoranthene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Benzo[k]fluoranthene	0.441	U	10.0	0.441	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Benzo[a]pyrene	2.78	U	10.0	2.78	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Indeno[1,2,3-cd]pyrene	2.72	U	10.0	2.72	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Dibenz(a,h)anthracene	2.85	U	10.0	2.85	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
Benzo[g,h,i]perylene	2.63	U	10.0	2.63	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1
bis (2-Chloroisopropyl) ether	0.519	U	10.0	0.519	ug/Wipe		11/12/18 14:19	11/13/18 17:34	1

Client Sample ID: 3006-W-2
Date Collected: 11/07/18 11:05
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-2
Matrix: Wipe

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	40	X	45 - 130	11/12/18 14:19	11/13/18 17:34	1
Nitrobenzene-d5	47		46 - 130	11/12/18 14:19	11/13/18 17:34	1
2-Fluorobiphenyl	53		42 - 130	11/12/18 14:19	11/13/18 17:34	1
2,4,6-Tribromophenol	69		25 - 130	11/12/18 14:19	11/13/18 17:34	1
Terphenyl-d14	60		51 - 130	11/12/18 14:19	11/13/18 17:34	1
Phenol-d5 (Surr)	49		48 - 130	11/12/18 14:19	11/13/18 17:34	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
gamma-BHC (Lindane)	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
beta-BHC	1.02	U	1.70	1.02	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
delta-BHC	0.850	U	1.70	0.850	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Heptachlor	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Aldrin	1.31	U	1.70	1.31	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Heptachlor epoxide	1.17	U	1.70	1.17	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
trans-Chlordane	1.25	U	3.30	1.25	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
cis-Chlordane	1.59	U	3.30	1.59	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
4,4'-DDE	1.45	U	3.30	1.45	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Endosulfan I	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Dieldrin	1.39	U	3.30	1.39	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Endrin	1.53	U	3.30	1.53	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
4,4'-DDD	1.62	U	3.30	1.62	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Endosulfan II	1.51	U	1.70	1.51	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
4,4'-DDT	1.85	U	3.30	1.85	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Endrin aldehyde	1.56	U	3.30	1.56	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Methoxychlor	8.07	U	17.0	8.07	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Endosulfan sulfate	1.68	U	3.30	1.68	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Endrin ketone	1.54	U	3.30	1.54	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Chlordane (technical)	1.50	U	33.0	1.50	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1
Toxaphene	73.1	U	170	73.1	ug/Wipe		11/12/18 16:00	11/16/18 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		50 - 143	11/12/18 16:00	11/16/18 00:03	1
DCB Decachlorobiphenyl	100		47 - 177	11/12/18 16:00	11/16/18 00:03	1

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	0.0500	U	0.400	0.0500	ug/Wipe		11/08/18 15:42	11/12/18 21:38	1
Mecoprop	4.59	U	40.0	4.59	ug/Wipe		11/08/18 15:42	11/12/18 21:38	1
MCPA	6.50	U	40.0	6.50	ug/Wipe		11/08/18 15:42	11/12/18 21:38	1
Dichlorprop	0.0450	U	0.400	0.0450	ug/Wipe		11/08/18 15:42	11/12/18 21:38	1
2,4-D	0.0340	U	0.400	0.0340	ug/Wipe		11/08/18 15:42	11/12/18 21:38	1
Silvex (2,4,5-TP)	0.0430	U	0.400	0.0430	ug/Wipe		11/08/18 15:42	11/12/18 21:38	1
2,4,5-T	0.0440	U	0.400	0.0440	ug/Wipe		11/08/18 15:42	11/12/18 21:38	1
2,4-DB	0.0660	U	0.400	0.0660	ug/Wipe		11/08/18 15:42	11/12/18 21:38	1
Dinoseb	0.0320	U	0.400	0.0320	ug/Wipe		11/08/18 15:42	11/12/18 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	38		22 - 130	11/08/18 15:42	11/12/18 21:38	1

Client Sample ID: 3006-W-3
Date Collected: 11/07/18 11:12
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-3
Matrix: Wipe

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.99	U	18.8	4.99	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Chloromethane	3.83	U	37.5	3.83	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Vinyl chloride	3.68	U	18.8	3.68	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Bromomethane	4.45	U	37.5	4.45	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Chloroethane	6.67	U	37.5	6.67	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,1-Dichloroethene	5.93	U *	18.8	5.93	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
trans-1,2-Dichloroethene	7.05	U	37.5	7.05	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	8.75	U *	18.8	8.75	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Methyl tert-butyl ether	5.05	U	18.8	5.05	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Acetone	13.3	U	75.0	13.3	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Carbon disulfide	5.63	U *	37.5	5.63	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Methylene Chloride	7.24	U	37.5	7.24	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Vinyl acetate	11.3	U	37.5	11.3	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
cis-1,2-Dichloroethene	6.41	U	18.8	6.41	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
2-Butanone (MEK)	15.1	U	56.3	15.1	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Chlorobromomethane	8.37	U	37.5	8.37	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Cyclohexane	6.79	U *	18.8	6.79	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Carbon tetrachloride	6.91	U	37.5	6.91	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Benzene	6.70	U	18.8	6.70	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,2-Dichloroethane	3.87	U	18.8	3.87	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Trichloroethene	5.96	U	18.8	5.96	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,1,1-Trichloroethane	7.64	U	18.8	7.64	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,1-Dichloroethane	5.99	U	18.8	5.99	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,2-Dichloropropane	6.06	U	18.8	6.06	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Chloroform	6.34	U	18.8	6.34	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Bromodichloromethane	6.46	U	18.8	6.46	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
cis-1,3-Dichloropropene	8.13	U	37.5	8.13	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
4-Methyl-2-pentanone (MIBK)	12.1	U	37.5	12.1	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Toluene	7.11	U	18.8	7.11	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
trans-1,3-Dichloropropene	5.87	U	18.8	5.87	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,1,2-Trichloroethane	5.87	U	18.8	5.87	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Tetrachloroethene	7.56	U	37.5	7.56	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
2-Hexanone	11.1	U	37.5	11.1	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Dibromochloromethane	6.34	U	18.8	6.34	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,2-Dibromoethane	5.22	U	18.8	5.22	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Chlorobenzene	6.02	U	18.8	6.02	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Ethylbenzene	6.63	U	18.8	6.63	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
m-Xylene & p-Xylene	7.29	U	37.5	7.29	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Xylenes, Total	6.35	U	18.8	6.35	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
o-Xylene	6.35	U	18.8	6.35	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Styrene	5.36	U	18.8	5.36	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Bromoform	8.40	U	37.5	8.40	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
Isopropylbenzene	6.04	U	18.8	6.04	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,1,2,2-Tetrachloroethane	5.23	U	18.8	5.23	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,3-Dichlorobenzene	7.65	U	37.5	7.65	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,4-Dichlorobenzene	7.23	U	37.5	7.23	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,2-Dichlorobenzene	6.16	U	18.8	6.16	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,2-Dibromo-3-Chloropropane	5.98	U	18.8	5.98	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1
1,2,4-Trichlorobenzene	5.60	U	18.8	5.60	ug/Wipe		11/19/18 12:00	11/19/18 16:19	1

Client Sample ID: 3006-W-3
Date Collected: 11/07/18 11:12
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-3
Matrix: Wipe

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*62*		*61 - 130*	*11/19/18 12:00*	*11/19/18 16:19*	*1*
Dibromofluoromethane	*75*		*68 - 140*	*11/19/18 12:00*	*11/19/18 16:19*	*1*
Toluene-d8 (Surr)	*87*		*50 - 130*	*11/19/18 12:00*	*11/19/18 16:19*	*1*
4-Bromofluorobenzene	*88*		*57 - 140*	*11/19/18 12:00*	*11/19/18 16:19*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.560	U	10.0	0.560	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Bis(2-chloroethyl)ether	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2-Chlorophenol	0.350	U	10.0	0.350	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2-Methylphenol	0.568	U	10.0	0.568	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
3 & 4 Methylphenol	0.451	U	10.0	0.451	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
N-Nitrosodi-n-propylamine	0.429	U	10.0	0.429	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Hexachloroethane	0.449	U	10.0	0.449	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Acetophenone	0.575	U	10.0	0.575	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Nitrobenzene	0.711	U	10.0	0.711	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Isophorone	2.91	U	10.0	2.91	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2,4-Dimethylphenol	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Bis(2-chloroethoxy)methane	2.79	U	10.0	2.79	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2,4-Dichlorophenol	2.74	U	10.0	2.74	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Naphthalene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
4-Chloroaniline	0.990	U	10.0	0.990	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Hexachlorobutadiene	0.509	U	10.0	0.509	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
4-Chloro-3-methylphenol	2.88	U	10.0	2.88	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2-Methylnaphthalene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Hexachlorocyclopentadiene	0.334	U	10.0	0.334	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2,4,6-Trichlorophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2,4,5-Trichlorophenol	0.931	U	10.0	0.931	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2-Chloronaphthalene	3.22	U	10.0	3.22	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
1,1'-Biphenyl	0.623	U	10.0	0.623	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2-Nitroaniline	2.92	U	10.0	2.92	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Dimethyl phthalate	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Acenaphthylene	2.89	U	10.0	2.89	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2,6-Dinitrotoluene	3.14	U	10.0	3.14	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
3-Nitroaniline	3.17	U	10.0	3.17	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Acenaphthene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2,4-Dinitrophenol	1.92	U	10.0	1.92	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
4-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Dibenzofuran	2.95	U	10.0	2.95	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
2,4-Dinitrotoluene	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Diethyl phthalate	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
4-Chlorophenyl phenyl ether	2.98	U	10.0	2.98	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Fluorene	3.05	U	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
4-Nitroaniline	2.71	U	10.0	2.71	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
4,6-Dinitro-2-methylphenol	3.10	U	10.0	3.10	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
N-Nitrosodiphenylamine	0.473	U	10.0	0.473	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
4-Bromophenyl phenyl ether	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Hexachlorobenzene	3.12	U	10.0	3.12	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Pentachlorophenol	0.332	U	10.0	0.332	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1

Client Sample ID: 3006-W-3
Date Collected: 11/07/18 11:12
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-3
Matrix: Wipe

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	3.05	U	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Carbazole	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Di-n-butyl phthalate	3.19	U	10.0	3.19	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Fluoranthene	3.16	U	10.0	3.16	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Pyrene	3.31	U	10.0	3.31	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Butyl benzyl phthalate	3.01	U	10.0	3.01	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
3,3'-Dichlorobenzidine	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Benzo[a]anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Bis(2-ethylhexyl) phthalate	**5.37**	**J**	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Chrysene	3.03	U	10.0	3.03	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Di-n-octyl phthalate	3.20	U	10.0	3.20	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Benzo[b]fluoranthene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Benzo[k]fluoranthene	0.441	U	10.0	0.441	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Benzo[a]pyrene	2.78	U	10.0	2.78	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Indeno[1,2,3-cd]pyrene	2.72	U	10.0	2.72	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Dibenz(a,h)anthracene	2.85	U	10.0	2.85	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
Benzo[g,h,i]perylene	2.63	U	10.0	2.63	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1
bis (2-Chloroisopropyl) ether	0.519	U	10.0	0.519	ug/Wipe		11/12/18 14:19	11/13/18 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*49*		*45 - 130*	*11/12/18 14:19*	*11/13/18 18:07*	*1*
Nitrobenzene-d5	*53*		*46 - 130*	*11/12/18 14:19*	*11/13/18 18:07*	*1*
2-Fluorobiphenyl	*52*		*42 - 130*	*11/12/18 14:19*	*11/13/18 18:07*	*1*
2,4,6-Tribromophenol	*61*		*25 - 130*	*11/12/18 14:19*	*11/13/18 18:07*	*1*
Terphenyl-d14	*69*		*51 - 130*	*11/12/18 14:19*	*11/13/18 18:07*	*1*
Phenol-d5 (Surr)	*54*		*48 - 130*	*11/12/18 14:19*	*11/13/18 18:07*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
gamma-BHC (Lindane)	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
beta-BHC	1.02	U	1.70	1.02	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
delta-BHC	0.850	U	1.70	0.850	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Heptachlor	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Aldrin	1.31	U	1.70	1.31	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Heptachlor epoxide	1.17	U	1.70	1.17	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
trans-Chlordane	1.25	U	3.30	1.25	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
cis-Chlordane	1.59	U	3.30	1.59	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
4,4'-DDE	1.45	U	3.30	1.45	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Endosulfan I	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Dieldrin	1.39	U	3.30	1.39	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Endrin	1.53	U	3.30	1.53	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
4,4'-DDD	1.62	U	3.30	1.62	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Endosulfan II	1.51	U	1.70	1.51	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
4,4'-DDT	1.85	U	3.30	1.85	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Endrin aldehyde	1.56	U	3.30	1.56	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Methoxychlor	8.07	U	17.0	8.07	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Endosulfan sulfate	1.68	U	3.30	1.68	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Endrin ketone	1.54	U	3.30	1.54	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1

Client Sample ID: 3006-W-3
Lab Sample ID: 600-175884-3
Date Collected: 11/07/18 11:12
Matrix: Wipe
Date Received: 11/07/18 13:13

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	1.50	U	33.0	1.50	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1
Toxaphene	73.1	U	170	73.1	ug/Wipe		11/12/18 16:00	11/16/18 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*50 - 143*	*11/12/18 16:00*	*11/16/18 00:28*	*1*
DCB Decachlorobiphenyl	*92*		*47 - 177*	*11/12/18 16:00*	*11/16/18 00:28*	*1*

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	**0.281**	**J**	0.400	0.0500	ug/Wipe		11/08/18 15:42	11/12/18 22:02	1
Mecoprop	4.59	U	40.0	4.59	ug/Wipe		11/08/18 15:42	11/12/18 22:02	1
MCPA	6.50	U	40.0	6.50	ug/Wipe		11/08/18 15:42	11/12/18 22:02	1
Dichlorprop	0.0450	U	0.400	0.0450	ug/Wipe		11/08/18 15:42	11/12/18 22:02	1
2,4-D	0.0340	U	0.400	0.0340	ug/Wipe		11/08/18 15:42	11/12/18 22:02	1
Silvex (2,4,5-TP)	0.0430	U	0.400	0.0430	ug/Wipe		11/08/18 15:42	11/12/18 22:02	1
2,4,5-T	0.0440	U	0.400	0.0440	ug/Wipe		11/08/18 15:42	11/12/18 22:02	1
2,4-DB	0.0660	U	0.400	0.0660	ug/Wipe		11/08/18 15:42	11/12/18 22:02	1
Dinoseb	0.0320	U	0.400	0.0320	ug/Wipe		11/08/18 15:42	11/12/18 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*28*		*22 - 130*	*11/08/18 15:42*	*11/12/18 22:02*	*1*

Client Sample ID: 3006-W-4
Lab Sample ID: 600-175884-4
Date Collected: 11/07/18 11:20
Matrix: Wipe
Date Received: 11/07/18 13:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.99	U	18.8	4.99	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Chloromethane	3.83	U	37.5	3.83	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Vinyl chloride	3.68	U	18.8	3.68	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Bromomethane	4.45	U	37.5	4.45	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Chloroethane	6.67	U	37.5	6.67	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,1-Dichloroethene	5.93	U *	18.8	5.93	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
trans-1,2-Dichloroethene	7.05	U	37.5	7.05	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	8.75	U *	18.8	8.75	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Methyl tert-butyl ether	5.05	U	18.8	5.05	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Acetone	13.3	U	75.0	13.3	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Carbon disulfide	5.63	U *	37.5	5.63	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Methylene Chloride	7.24	U	37.5	7.24	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Vinyl acetate	11.3	U	37.5	11.3	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
cis-1,2-Dichloroethene	6.41	U	18.8	6.41	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
2-Butanone (MEK)	15.1	U	56.3	15.1	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Chlorobromomethane	8.37	U	37.5	8.37	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Cyclohexane	6.79	U *	18.8	6.79	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Carbon tetrachloride	6.91	U	37.5	6.91	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Benzene	6.70	U	18.8	6.70	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,2-Dichloroethane	3.87	U	18.8	3.87	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Trichloroethene	5.96	U	18.8	5.96	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,1,1-Trichloroethane	7.64	U	18.8	7.64	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1

Client Sample ID: 3006-W-4
Date Collected: 11/07/18 11:20
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-4
Matrix: Wipe

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.99	U	18.8	5.99	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,2-Dichloropropane	6.06	U	18.8	6.06	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Chloroform	6.34	U	18.8	6.34	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Bromodichloromethane	6.46	U	18.8	6.46	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
cis-1,3-Dichloropropene	8.13	U	37.5	8.13	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
4-Methyl-2-pentanone (MIBK)	12.1	U	37.5	12.1	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Toluene	7.11	U	18.8	7.11	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
trans-1,3-Dichloropropene	5.87	U	18.8	5.87	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,1,2-Trichloroethane	5.87	U	18.8	5.87	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Tetrachloroethene	7.56	U	37.5	7.56	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
2-Hexanone	11.1	U	37.5	11.1	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Dibromochloromethane	6.34	U	18.8	6.34	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,2-Dibromoethane	5.22	U	18.8	5.22	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Chlorobenzene	6.02	U	18.8	6.02	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Ethylbenzene	6.63	U	18.8	6.63	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
m-Xylene & p-Xylene	7.29	U	37.5	7.29	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Xylenes, Total	6.35	U	18.8	6.35	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
o-Xylene	6.35	U	18.8	6.35	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Styrene	5.36	U	18.8	5.36	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Bromoform	8.40	U	37.5	8.40	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
Isopropylbenzene	6.04	U	18.8	6.04	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,1,2,2-Tetrachloroethane	5.23	U	18.8	5.23	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,3-Dichlorobenzene	7.65	U	37.5	7.65	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,4-Dichlorobenzene	7.23	U	37.5	7.23	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,2-Dichlorobenzene	6.16	U	18.8	6.16	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,2-Dibromo-3-Chloropropane	5.98	U	18.8	5.98	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1
1,2,4-Trichlorobenzene	5.60	U	18.8	5.60	ug/Wipe		11/19/18 12:00	11/19/18 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*65*		*61 - 130*	*11/19/18 12:00*	*11/19/18 16:41*	*1*
Dibromofluoromethane	*77*		*68 - 140*	*11/19/18 12:00*	*11/19/18 16:41*	*1*
Toluene-d8 (Surr)	*88*		*50 - 130*	*11/19/18 12:00*	*11/19/18 16:41*	*1*
4-Bromofluorobenzene	*92*		*57 - 140*	*11/19/18 12:00*	*11/19/18 16:41*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.560	U	10.0	0.560	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Bis(2-chloroethyl)ether	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2-Chlorophenol	0.350	U	10.0	0.350	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2-Methylphenol	0.568	U	10.0	0.568	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
3 & 4 Methylphenol	0.451	U	10.0	0.451	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
N-Nitrosodi-n-propylamine	0.429	U	10.0	0.429	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Hexachloroethane	0.449	U	10.0	0.449	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Acetophenone	0.575	U	10.0	0.575	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Nitrobenzene	0.711	U	10.0	0.711	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Isophorone	2.91	U	10.0	2.91	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2,4-Dimethylphenol	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Bis(2-chloroethoxy)methane	2.79	U	10.0	2.79	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2,4-Dichlorophenol	2.74	U	10.0	2.74	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1

Client Sample ID: 3006-W-4
Date Collected: 11/07/18 11:20
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-4
Matrix: Wipe

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
4-Chloroaniline	0.990	U	10.0	0.990	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Hexachlorobutadiene	0.509	U	10.0	0.509	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
4-Chloro-3-methylphenol	2.88	U	10.0	2.88	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2-Methylnaphthalene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Hexachlorocyclopentadiene	0.334	U	10.0	0.334	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2,4,6-Trichlorophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2,4,5-Trichlorophenol	0.931	U	10.0	0.931	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2-Chloronaphthalene	3.22	U	10.0	3.22	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
1,1'-Biphenyl	0.623	U	10.0	0.623	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2-Nitroaniline	2.92	U	10.0	2.92	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Dimethyl phthalate	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Acenaphthylene	2.89	U	10.0	2.89	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2,6-Dinitrotoluene	3.14	U	10.0	3.14	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
3-Nitroaniline	3.17	U	10.0	3.17	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Acenaphthene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2,4-Dinitrophenol	1.92	U	10.0	1.92	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
4-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Dibenzofuran	2.95	U	10.0	2.95	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
2,4-Dinitrotoluene	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Diethyl phthalate	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
4-Chlorophenyl phenyl ether	2.98	U	10.0	2.98	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Fluorene	3.05	U	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
4-Nitroaniline	2.71	U	10.0	2.71	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
4,6-Dinitro-2-methylphenol	3.10	U	10.0	3.10	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
N-Nitrosodiphenylamine	0.473	U	10.0	0.473	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
4-Bromophenyl phenyl ether	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Hexachlorobenzene	3.12	U	10.0	3.12	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Pentachlorophenol	0.332	U	10.0	0.332	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Phenanthrene	3.05	U	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Carbazole	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Di-n-butyl phthalate	3.19	U	10.0	3.19	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Fluoranthene	3.16	U	10.0	3.16	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Pyrene	3.31	U	10.0	3.31	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Butyl benzyl phthalate	3.01	U	10.0	3.01	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
3,3'-Dichlorobenzidine	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Benzo[a]anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Bis(2-ethylhexyl) phthalate	**4.54**	**J**	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Chrysene	3.03	U	10.0	3.03	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Di-n-octyl phthalate	3.20	U	10.0	3.20	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Benzo[b]fluoranthene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Benzo[k]fluoranthene	0.441	U	10.0	0.441	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Benzo[a]pyrene	2.78	U	10.0	2.78	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Indeno[1,2,3-cd]pyrene	2.72	U	10.0	2.72	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Dibenz(a,h)anthracene	2.85	U	10.0	2.85	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
Benzo[g,h,i]perylene	2.63	U	10.0	2.63	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1
bis (2-Chloroisopropyl) ether	0.519	U	10.0	0.519	ug/Wipe		11/12/18 14:19	11/13/18 18:39	1

Client Sample ID: 3006-W-4
Date Collected: 11/07/18 11:20
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-4
Matrix: Wipe

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	*36*	*X*	*45 - 130*	*11/12/18 14:19*	*11/13/18 18:39*	*1*
Nitrobenzene-d5	*36*	*X*	*46 - 130*	*11/12/18 14:19*	*11/13/18 18:39*	*1*
2-Fluorobiphenyl	*43*		*42 - 130*	*11/12/18 14:19*	*11/13/18 18:39*	*1*
2,4,6-Tribromophenol	*64*		*25 - 130*	*11/12/18 14:19*	*11/13/18 18:39*	*1*
Terphenyl-d14	*73*		*51 - 130*	*11/12/18 14:19*	*11/13/18 18:39*	*1*
Phenol-d5 (Surr)	*41*	*X*	*48 - 130*	*11/12/18 14:19*	*11/13/18 18:39*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
gamma-BHC (Lindane)	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
beta-BHC	1.02	U	1.70	1.02	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
delta-BHC	0.850	U	1.70	0.850	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Heptachlor	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Aldrin	1.31	U	1.70	1.31	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Heptachlor epoxide	1.17	U	1.70	1.17	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
trans-Chlordane	1.25	U	3.30	1.25	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
cis-Chlordane	1.59	U	3.30	1.59	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
4,4'-DDE	1.45	U	3.30	1.45	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Endosulfan I	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Dieldrin	1.39	U	3.30	1.39	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Endrin	1.53	U	3.30	1.53	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
4,4'-DDD	1.62	U	3.30	1.62	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Endosulfan II	1.51	U	1.70	1.51	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
4,4'-DDT	1.85	U	3.30	1.85	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Endrin aldehyde	1.56	U	3.30	1.56	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Methoxychlor	8.07	U	17.0	8.07	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Endosulfan sulfate	1.68	U	3.30	1.68	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Endrin ketone	1.54	U	3.30	1.54	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Chlordane (technical)	1.50	U	33.0	1.50	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1
Toxaphene	73.1	U	170	73.1	ug/Wipe		11/12/18 16:00	11/20/18 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*66*		*50 - 143*	*11/12/18 16:00*	*11/20/18 12:07*	*1*
DCB Decachlorobiphenyl	*73*		*47 - 177*	*11/12/18 16:00*	*11/20/18 12:07*	*1*

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	**0.103**	**J**	0.400	0.0500	ug/Wipe		11/08/18 15:42	11/12/18 22:51	1
Mecoprop	4.59	U	40.0	4.59	ug/Wipe		11/08/18 15:42	11/12/18 22:51	1
MCPA	6.50	U	40.0	6.50	ug/Wipe		11/08/18 15:42	11/12/18 22:51	1
Dichlorprop	0.0450	U	0.400	0.0450	ug/Wipe		11/08/18 15:42	11/12/18 22:51	1
2,4-D	**0.349**	**J**	0.400	0.0340	ug/Wipe		11/08/18 15:42	11/12/18 22:51	1
Silvex (2,4,5-TP)	0.0430	U	0.400	0.0430	ug/Wipe		11/08/18 15:42	11/12/18 22:51	1
2,4,5-T	0.0440	U	0.400	0.0440	ug/Wipe		11/08/18 15:42	11/12/18 22:51	1
2,4-DB	0.0660	U	0.400	0.0660	ug/Wipe		11/08/18 15:42	11/12/18 22:51	1
Dinoseb	0.0320	U	0.400	0.0320	ug/Wipe		11/08/18 15:42	11/12/18 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*40*		*22 - 130*	*11/08/18 15:42*	*11/12/18 22:51*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Surrogate Summary

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allen VA Cemetery 11-07-18

TestAmerica Job ID: 600-175884-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(61-130)	(68-140)	(50-130)	(57-140)
600-175884-1	3006-W-1	71	76	88	108
600-175884-2	3006-W-2	69	73	86	99
600-175884-3	3006-W-3	62	75	87	88
600-175884-4	3006-W-4	65	77	88	92
LCS 600-252424/1-A	Lab Control Sample	96	79	89	93
LCSD 600-252424/2-A	Lab Control Sample Dup	98	80	91	99
MB 600-252424/3-A	Method Blank	105	79	89	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		2FP	NBZ	FBP	TBP	TPHL	PHL
Lab Sample ID	Client Sample ID	(45-130)	(46-130)	(42-130)	(25-130)	(51-130)	(48-130)
600-175884-1	3006-W-1	33 X	41 X	50	68	62	39 X
600-175884-2	3006-W-2	40 X	47	53	69	60	49
600-175884-3	3006-W-3	49	53	52	61	69	54
600-175884-4	3006-W-4	36 X	36 X	43	64	73	41 X
LCS 600-251936/2-A	Lab Control Sample	77	83	74	74	84	82
LCSD 600-251936/3-A	Lab Control Sample Dup	79	79	78	81	79	80
MB 600-251936/1-A	Method Blank	71	78	77	73	88	75

Surrogate Legend

2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
FBP = 2-Fluorobiphenyl
TBP = 2,4,6-Tribromophenol
TPHL = Terphenyl-d14
PHL = Phenol-d5 (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(50-143)	(47-177)
600-175884-1	3006-W-1	66	65
600-175884-2	3006-W-2	87	100
600-175884-3	3006-W-3	94	92
600-175884-4	3006-W-4	66	73
LCS 600-251956/2-A	Lab Control Sample	96	101
LCSD 600-251956/3-A	Lab Control Sample Dup	98	103
MB 600-251956/1-A	Method Blank	91	91

Surrogate Summary

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allen VA Cemetery 11-07-18

TestAmerica Job ID: 600-175884-1

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8151 - Herbicides

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DCPAA1 (22-130)							
600-175884-1	3006-W-1	51							
600-175884-2	3006-W-2	38							
600-175884-3	3006-W-3	28							
600-175884-4	3006-W-4	40							
LCS 600-251745/2-A	Lab Control Sample	41							
MB 600-251745/1-A	Method Blank	28							

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 600-252424/3-A
Matrix: Wipe
Analysis Batch: 252426

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 252424

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	3.33	U	12.5	3.33	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Chloromethane	2.55	U	25.0	2.55	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Vinyl chloride	2.45	U	12.5	2.45	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Bromomethane	2.97	U	25.0	2.97	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Chloroethane	4.44	U	25.0	4.44	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,1-Dichloroethene	3.95	U	12.5	3.95	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
trans-1,2-Dichloroethene	4.70	U	25.0	4.70	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.84	U	12.5	5.84	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Methyl tert-butyl ether	3.37	U	12.5	3.37	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Acetone	8.88	U	50.0	8.88	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Carbon disulfide	3.75	U	25.0	3.75	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Methylene Chloride	4.83	U	25.0	4.83	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Vinyl acetate	7.52	U	25.0	7.52	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
cis-1,2-Dichloroethene	4.27	U	12.5	4.27	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
2-Butanone (MEK)	10.1	U	37.5	10.1	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Chlorobromomethane	5.58	U	25.0	5.58	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Cyclohexane	4.53	U	12.5	4.53	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Carbon tetrachloride	4.60	U	25.0	4.60	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Benzene	4.47	U	12.5	4.47	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,2-Dichloroethane	2.58	U	12.5	2.58	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Trichloroethene	3.97	U	12.5	3.97	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,1,1-Trichloroethane	5.09	U	12.5	5.09	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,1-Dichloroethane	4.00	U	12.5	4.00	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,2-Dichloropropane	4.04	U	12.5	4.04	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Chloroform	4.23	U	12.5	4.23	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Bromodichloromethane	4.31	U	12.5	4.31	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
cis-1,3-Dichloropropene	5.42	U	25.0	5.42	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
4-Methyl-2-pentanone (MIBK)	8.04	U	25.0	8.04	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Toluene	4.74	U	12.5	4.74	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
trans-1,3-Dichloropropene	3.91	U	12.5	3.91	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,1,2-Trichloroethane	3.91	U	12.5	3.91	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Tetrachloroethene	5.04	U	25.0	5.04	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
2-Hexanone	7.40	U	25.0	7.40	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Dibromochloromethane	4.22	U	12.5	4.22	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,2-Dibromoethane	3.48	U	12.5	3.48	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Chlorobenzene	4.01	U	12.5	4.01	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Ethylbenzene	4.42	U	12.5	4.42	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
m-Xylene & p-Xylene	4.86	U	25.0	4.86	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Xylenes, Total	4.23	U	12.5	4.23	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
o-Xylene	4.23	U	12.5	4.23	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Styrene	3.57	U	12.5	3.57	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Bromoform	5.60	U	25.0	5.60	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
Isopropylbenzene	4.02	U	12.5	4.02	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,1,2,2-Tetrachloroethane	3.49	U	12.5	3.49	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,3-Dichlorobenzene	5.10	U	25.0	5.10	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,4-Dichlorobenzene	4.82	U	25.0	4.82	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,2-Dichlorobenzene	4.11	U	12.5	4.11	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1
1,2-Dibromo-3-Chloropropane	3.99	U	12.5	3.99	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 600-252424/3-A
Matrix: Wipe
Analysis Batch: 252426

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 252424

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	3.74	U	12.5	3.74	ug/Wipe		11/19/18 12:00	11/19/18 15:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*61 - 130*	*11/19/18 12:00*	*11/19/18 15:10*	*1*
Dibromofluoromethane	*79*		*68 - 140*	*11/19/18 12:00*	*11/19/18 15:10*	*1*
Toluene-d8 (Surr)	*89*		*50 - 130*	*11/19/18 12:00*	*11/19/18 15:10*	*1*
4-Bromofluorobenzene	*96*		*57 - 140*	*11/19/18 12:00*	*11/19/18 15:10*	*1*

Lab Sample ID: LCS 600-252424/1-A
Matrix: Wipe
Analysis Batch: 252426

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 252424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	25.0	31.08		ug/Wipe		124	24 - 147
Chloromethane	25.0	28.19		ug/Wipe		113	44 - 141
Vinyl chloride	25.0	27.64		ug/Wipe		111	40 - 148
Bromomethane	25.0	34.21		ug/Wipe		137	37 - 147
Chloroethane	25.0	32.89		ug/Wipe		132	40 - 150
1,1-Dichloroethene	25.0	26.39		ug/Wipe		106	62 - 142
trans-1,2-Dichloroethene	25.0	26.97		ug/Wipe		108	69 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.43		ug/Wipe		90	48 - 150
Methyl tert-butyl ether	25.0	23.61		ug/Wipe		94	63 - 132
Acetone	50.0	52.14		ug/Wipe		104	13 - 150
Carbon disulfide	25.0	25.28		ug/Wipe		101	51 - 141
Methylene Chloride	25.0	28.13		ug/Wipe		113	61 - 150
Vinyl acetate	50.0	41.60		ug/Wipe		83	40 - 150
cis-1,2-Dichloroethene	25.0	27.40		ug/Wipe		110	70 - 130
2-Butanone (MEK)	50.0	73.88		ug/Wipe		148	33 - 150
Chlorobromomethane	25.0	26.59		ug/Wipe		106	70 - 132
Cyclohexane	25.0	27.63		ug/Wipe		111	54 - 130
Carbon tetrachloride	25.0	19.86	J	ug/Wipe		79	58 - 130
Benzene	25.0	28.58		ug/Wipe		114	70 - 131
1,2-Dichloroethane	25.0	26.10		ug/Wipe		104	58 - 137
Trichloroethene	25.0	26.84		ug/Wipe		107	63 - 135
1,1,1-Trichloroethane	25.0	20.99		ug/Wipe		84	59 - 130
1,1-Dichloroethane	25.0	24.23		ug/Wipe		97	63 - 140
1,2-Dichloropropane	25.0	25.34		ug/Wipe		101	70 - 130
Chloroform	25.0	26.42		ug/Wipe		106	69 - 130
Bromodichloromethane	25.0	23.47		ug/Wipe		94	67 - 138
cis-1,3-Dichloropropene	25.0	28.63		ug/Wipe		115	65 - 130
4-Methyl-2-pentanone (MIBK)	50.0	50.68		ug/Wipe		101	21 - 150
Toluene	25.0	28.27		ug/Wipe		113	67 - 130
trans-1,3-Dichloropropene	25.0	27.30		ug/Wipe		109	70 - 130
1,1,2-Trichloroethane	25.0	28.75		ug/Wipe		115	67 - 134
Tetrachloroethene	25.0	24.39	J	ug/Wipe		98	43 - 143
2-Hexanone	50.0	59.01		ug/Wipe		118	35 - 150
Dibromochloromethane	25.0	24.77		ug/Wipe		99	65 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 600-252424/1-A
Matrix: Wipe
Analysis Batch: 252426

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 252424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	25.0	27.96		ug/Wipe		112	65 - 136
Chlorobenzene	25.0	28.76		ug/Wipe		115	63 - 131
Ethylbenzene	25.0	29.91		ug/Wipe		120	66 - 130
m-Xylene & p-Xylene	25.0	27.46		ug/Wipe		110	64 - 130
Xylenes, Total	50.0	57.39		ug/Wipe		115	63 - 130
o-Xylene	25.0	29.93		ug/Wipe		120	62 - 130
Styrene	25.0	28.78		ug/Wipe		115	65 - 133
Bromoform	25.0	24.77	J	ug/Wipe		99	43 - 150
Isopropylbenzene	25.0	29.11		ug/Wipe		116	64 - 131
1,1,2,2-Tetrachloroethane	25.0	30.70		ug/Wipe		123	61 - 138
1,3-Dichlorobenzene	25.0	29.08		ug/Wipe		116	63 - 132
1,4-Dichlorobenzene	25.0	28.44		ug/Wipe		114	65 - 131
1,2-Dichlorobenzene	25.0	30.12		ug/Wipe		120	61 - 131
1,2-Dibromo-3-Chloropropane	25.0	25.20		ug/Wipe		101	29 - 150
1,2,4-Trichlorobenzene	25.0	32.81		ug/Wipe		131	53 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*61 - 130*
Dibromofluoromethane	*79*		*68 - 140*
Toluene-d8 (Surr)	*89*		*50 - 130*
4-Bromofluorobenzene	*93*		*57 - 140*

Lab Sample ID: LCSD 600-252424/2-A
Matrix: Wipe
Analysis Batch: 252426

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 252424

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	25.0	28.04		ug/Wipe		112	24 - 147	10	30
Chloromethane	25.0	26.11		ug/Wipe		104	44 - 141	8	30
Vinyl chloride	25.0	23.84		ug/Wipe		95	40 - 148	15	30
Bromomethane	25.0	31.38		ug/Wipe		126	37 - 147	9	30
Chloroethane	25.0	29.85		ug/Wipe		119	40 - 150	10	30
1,1-Dichloroethene	25.0	19.26	*	ug/Wipe		77	62 - 142	31	30
trans-1,2-Dichloroethene	25.0	20.19	J	ug/Wipe		81	69 - 130	29	30
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	16.35	*	ug/Wipe		65	48 - 150	31	30
Methyl tert-butyl ether	25.0	21.69		ug/Wipe		87	63 - 132	9	30
Acetone	50.0	47.85	J	ug/Wipe		96	13 - 150	9	30
Carbon disulfide	25.0	17.29	J *	ug/Wipe		69	51 - 141	38	30
Methylene Chloride	25.0	21.78	J	ug/Wipe		87	61 - 150	25	30
Vinyl acetate	50.0	38.87		ug/Wipe		78	40 - 150	7	30
cis-1,2-Dichloroethene	25.0	21.87		ug/Wipe		87	70 - 130	22	30
2-Butanone (MEK)	50.0	75.25		ug/Wipe		150	33 - 150	2	30
Chlorobromomethane	25.0	23.12	J	ug/Wipe		92	70 - 132	14	30
Cyclohexane	25.0	20.01	*	ug/Wipe		80	54 - 130	32	30
Carbon tetrachloride	25.0	14.62	J	ug/Wipe		58	58 - 130	30	30
Benzene	25.0	22.78		ug/Wipe		91	70 - 131	23	30
1,2-Dichloroethane	25.0	23.51		ug/Wipe		94	58 - 137	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 600-252424/2-A
Matrix: Wipe
Analysis Batch: 252426

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 252424

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			25.0	20.91		ug/Wipe		84	63 - 135	25	30
1,1,1-Trichloroethane			25.0	15.84		ug/Wipe		63	59 - 130	28	30
1,1-Dichloroethane			25.0	18.42		ug/Wipe		74	63 - 140	27	30
1,2-Dichloropropane			25.0	21.68		ug/Wipe		87	70 - 130	16	30
Chloroform			25.0	21.12		ug/Wipe		84	69 - 130	22	30
Bromodichloromethane			25.0	20.04		ug/Wipe		80	67 - 138	16	30
cis-1,3-Dichloropropene			25.0	24.59	J	ug/Wipe		98	65 - 130	15	30
4-Methyl-2-pentanone (MIBK)			50.0	52.61		ug/Wipe		105	21 - 150	4	30
Toluene			25.0	22.61		ug/Wipe		90	67 - 130	22	30
trans-1,3-Dichloropropene			25.0	25.04		ug/Wipe		100	70 - 130	9	30
1,1,2-Trichloroethane			25.0	25.47		ug/Wipe		102	67 - 134	12	30
Tetrachloroethene			25.0	18.82	J	ug/Wipe		75	43 - 143	26	30
2-Hexanone			50.0	55.76		ug/Wipe		112	35 - 150	6	30
Dibromochloromethane			25.0	21.50		ug/Wipe		86	65 - 134	14	30
1,2-Dibromoethane			25.0	25.46		ug/Wipe		102	65 - 136	9	30
Chlorobenzene			25.0	22.86		ug/Wipe		91	63 - 131	23	30
Ethylbenzene			25.0	22.13		ug/Wipe		89	66 - 130	30	30
m-Xylene & p-Xylene			25.0	20.77	J	ug/Wipe		83	64 - 130	28	30
Xylenes, Total			50.0	43.95		ug/Wipe		88	63 - 130	27	30
o-Xylene			25.0	23.18		ug/Wipe		93	62 - 130	25	30
Styrene			25.0	22.42		ug/Wipe		90	65 - 133	25	30
Bromoform			25.0	20.62	J	ug/Wipe		82	43 - 150	18	30
Isopropylbenzene			25.0	23.58		ug/Wipe		94	64 - 131	21	30
1,1,2,2-Tetrachloroethane			25.0	29.59		ug/Wipe		118	61 - 138	4	30
1,3-Dichlorobenzene			25.0	25.10		ug/Wipe		100	63 - 132	15	30
1,4-Dichlorobenzene			25.0	24.96	J	ug/Wipe		100	65 - 131	13	30
1,2-Dichlorobenzene			25.0	25.76		ug/Wipe		103	61 - 131	16	30
1,2-Dibromo-3-Chloropropane			25.0	23.70		ug/Wipe		95	29 - 150	6	30
1,2,4-Trichlorobenzene			25.0	29.82		ug/Wipe		119	53 - 136	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*61 - 130*
Dibromofluoromethane	*80*		*68 - 140*
Toluene-d8 (Surr)	*91*		*50 - 130*
4-Bromofluorobenzene	*99*		*57 - 140*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 600-251936/1-A
Matrix: Wipe
Analysis Batch: 251975

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.560	U	10.0	0.560	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Bis(2-chloroethyl)ether	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2-Chlorophenol	0.350	U	10.0	0.350	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2-Methylphenol	0.568	U	10.0	0.568	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
3 & 4 Methylphenol	0.451	U	10.0	0.451	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 600-251936/1-A
Matrix: Wipe
Analysis Batch: 251975

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	0.429	U	10.0	0.429	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Hexachloroethane	0.449	U	10.0	0.449	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Acetophenone	0.575	U	10.0	0.575	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Nitrobenzene	0.711	U	10.0	0.711	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Isophorone	2.91	U	10.0	2.91	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2,4-Dimethylphenol	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Bis(2-chloroethoxy)methane	2.79	U	10.0	2.79	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2,4-Dichlorophenol	2.74	U	10.0	2.74	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Naphthalene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
4-Chloroaniline	0.990	U	10.0	0.990	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Hexachlorobutadiene	0.509	U	10.0	0.509	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
4-Chloro-3-methylphenol	2.88	U	10.0	2.88	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2-Methylnaphthalene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Hexachlorocyclopentadiene	0.334	U	10.0	0.334	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2,4,6-Trichlorophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2,4,5-Trichlorophenol	0.931	U	10.0	0.931	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2-Chloronaphthalene	3.22	U	10.0	3.22	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
1,1'-Biphenyl	0.623	U	10.0	0.623	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2-Nitroaniline	2.92	U	10.0	2.92	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Dimethyl phthalate	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Acenaphthylene	2.89	U	10.0	2.89	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2,6-Dinitrotoluene	3.14	U	10.0	3.14	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
3-Nitroaniline	3.17	U	10.0	3.17	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Acenaphthene	2.84	U	10.0	2.84	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2,4-Dinitrophenol	1.92	U	10.0	1.92	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
4-Nitrophenol	2.70	U	10.0	2.70	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Dibenzofuran	2.95	U	10.0	2.95	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
2,4-Dinitrotoluene	0.494	U	10.0	0.494	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Diethyl phthalate	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
4-Chlorophenyl phenyl ether	2.98	U	10.0	2.98	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Fluorene	3.05	U	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
4-Nitroaniline	2.71	U	10.0	2.71	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
4,6-Dinitro-2-methylphenol	3.10	U	10.0	3.10	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
N-Nitrosodiphenylamine	0.473	U	10.0	0.473	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
4-Bromophenyl phenyl ether	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Hexachlorobenzene	3.12	U	10.0	3.12	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Pentachlorophenol	0.332	U	10.0	0.332	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Phenanthrene	3.05	U	10.0	3.05	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Carbazole	3.06	U	10.0	3.06	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Di-n-butyl phthalate	3.19	U	10.0	3.19	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Fluoranthene	3.16	U	10.0	3.16	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Pyrene	3.31	U	10.0	3.31	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Butyl benzyl phthalate	3.01	U	10.0	3.01	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
3,3'-Dichlorobenzidine	0.954	U	10.0	0.954	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Benzo[a]anthracene	3.11	U	10.0	3.11	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 600-251936/1-A
Matrix: Wipe
Analysis Batch: 251975

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	3.00	U	10.0	3.00	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Chrysene	3.03	U	10.0	3.03	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Di-n-octyl phthalate	3.20	U	10.0	3.20	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Benzo[b]fluoranthene	0.290	U	10.0	0.290	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Benzo[k]fluoranthene	0.441	U	10.0	0.441	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Benzo[a]pyrene	2.78	U	10.0	2.78	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Indeno[1,2,3-cd]pyrene	2.72	U	10.0	2.72	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Dibenz(a,h)anthracene	2.85	U	10.0	2.85	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
Benzo[g,h,i]perylene	2.63	U	10.0	2.63	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1
bis (2-Chloroisopropyl) ether	0.519	U	10.0	0.519	ug/Wipe		11/12/18 14:19	11/13/18 09:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*71*		*45 - 130*	*11/12/18 14:19*	*11/13/18 09:57*	*1*
Nitrobenzene-d5	*78*		*46 - 130*	*11/12/18 14:19*	*11/13/18 09:57*	*1*
2-Fluorobiphenyl	*77*		*42 - 130*	*11/12/18 14:19*	*11/13/18 09:57*	*1*
2,4,6-Tribromophenol	*73*		*25 - 130*	*11/12/18 14:19*	*11/13/18 09:57*	*1*
Terphenyl-d14	*88*		*51 - 130*	*11/12/18 14:19*	*11/13/18 09:57*	*1*
Phenol-d5 (Surr)	*75*		*48 - 130*	*11/12/18 14:19*	*11/13/18 09:57*	*1*

Lab Sample ID: LCS 600-251936/2-A
Matrix: Wipe
Analysis Batch: 251975

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	50.0	42.75		ug/Wipe		86	57 - 130
Bis(2-chloroethyl)ether	50.0	40.01		ug/Wipe		80	53 - 130
2-Chlorophenol	50.0	39.90		ug/Wipe		80	65 - 130
2-Methylphenol	50.0	40.20		ug/Wipe		80	65 - 130
3 & 4 Methylphenol	50.0	43.10		ug/Wipe		86	63 - 130
N-Nitrosodi-n-propylamine	50.0	44.08		ug/Wipe		88	50 - 130
Hexachloroethane	50.0	41.64		ug/Wipe		83	63 - 130
Acetophenone	50.0	38.60		ug/Wipe		77	63 - 130
Nitrobenzene	50.0	42.40		ug/Wipe		85	56 - 130
Isophorone	50.0	41.68		ug/Wipe		83	56 - 130
2-Nitrophenol	50.0	39.85		ug/Wipe		80	64 - 130
2,4-Dimethylphenol	50.0	38.81		ug/Wipe		78	67 - 130
Bis(2-chloroethoxy)methane	50.0	37.76		ug/Wipe		76	61 - 130
2,4-Dichlorophenol	50.0	40.73		ug/Wipe		81	61 - 130
Naphthalene	50.0	43.59		ug/Wipe		87	66 - 130
4-Chloroaniline	50.0	42.83		ug/Wipe		86	11 - 130
Hexachlorobutadiene	50.0	38.92		ug/Wipe		78	60 - 130
4-Chloro-3-methylphenol	50.0	42.75		ug/Wipe		85	69 - 130
2-Methylnaphthalene	50.0	39.97		ug/Wipe		80	69 - 130
Hexachlorocyclopentadiene	50.0	30.98		ug/Wipe		62	32 - 130
2,4,6-Trichlorophenol	50.0	36.59		ug/Wipe		73	64 - 130
2,4,5-Trichlorophenol	50.0	36.82		ug/Wipe		74	63 - 130
2-Chloronaphthalene	50.0	39.04		ug/Wipe		78	64 - 130

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 600-251936/2-A
Matrix: Wipe
Analysis Batch: 251975

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	50.0	41.79		ug/Wipe		84	69 - 130
2-Nitroaniline	50.0	42.18		ug/Wipe		84	55 - 130
Dimethyl phthalate	50.0	37.45		ug/Wipe		75	68 - 130
Acenaphthylene	50.0	44.97		ug/Wipe		90	58 - 130
2,6-Dinitrotoluene	50.0	39.77		ug/Wipe		80	50 - 130
3-Nitroaniline	50.0	42.73		ug/Wipe		85	27 - 130
Acenaphthene	50.0	38.58		ug/Wipe		77	65 - 130
2,4-Dinitrophenol	100	71.15		ug/Wipe		71	59 - 130
4-Nitrophenol	100	60.67		ug/Wipe		61	37 - 143
Dibenzofuran	50.0	39.72		ug/Wipe		79	63 - 130
2,4-Dinitrotoluene	50.0	40.33		ug/Wipe		81	50 - 130
Diethyl phthalate	50.0	46.18		ug/Wipe		92	61 - 134
4-Chlorophenyl phenyl ether	50.0	42.71		ug/Wipe		85	60 - 130
Fluorene	50.0	38.55		ug/Wipe		77	62 - 130
4-Nitroaniline	50.0	45.82		ug/Wipe		92	47 - 131
4,6-Dinitro-2-methylphenol	100	83.77		ug/Wipe		84	62 - 130
N-Nitrosodiphenylamine	50.0	42.76		ug/Wipe		86	67 - 130
4-Bromophenyl phenyl ether	50.0	36.75		ug/Wipe		73	66 - 130
Hexachlorobenzene	50.0	37.32		ug/Wipe		75	67 - 130
Pentachlorophenol	100	47.24		ug/Wipe		47	45 - 130
Phenanthrene	50.0	40.56		ug/Wipe		81	67 - 130
Anthracene	50.0	42.26		ug/Wipe		85	63 - 130
Carbazole	50.0	45.17		ug/Wipe		90	50 - 130
Di-n-butyl phthalate	50.0	44.39		ug/Wipe		89	50 - 130
Fluoranthene	50.0	40.43		ug/Wipe		81	50 - 130
Pyrene	50.0	41.16		ug/Wipe		82	50 - 130
Butyl benzyl phthalate	50.0	45.55		ug/Wipe		91	50 - 130
3,3'-Dichlorobenzidine	50.0	33.93		ug/Wipe		68	46 - 130
Benzo[a]anthracene	50.0	42.30		ug/Wipe		85	50 - 130
Bis(2-ethylhexyl) phthalate	50.0	46.37		ug/Wipe		93	50 - 130
Chrysene	50.0	43.29		ug/Wipe		87	50 - 130
Di-n-octyl phthalate	50.0	46.82		ug/Wipe		94	50 - 130
Benzo[b]fluoranthene	50.0	38.17		ug/Wipe		76	61 - 131
Benzo[k]fluoranthene	50.0	40.26		ug/Wipe		81	62 - 130
Benzo[a]pyrene	50.0	42.99		ug/Wipe		86	63 - 130
Indeno[1,2,3-cd]pyrene	50.0	41.14		ug/Wipe		82	60 - 130
Dibenz(a,h)anthracene	50.0	39.90		ug/Wipe		80	63 - 130
Benzo[g,h,i]perylene	50.0	40.87		ug/Wipe		82	60 - 130
bis (2-Chloroisopropyl) ether	50.0	44.77		ug/Wipe		90	64 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol	*77*		*45 - 130*
Nitrobenzene-d5	*83*		*46 - 130*
2-Fluorobiphenyl	*74*		*42 - 130*
2,4,6-Tribromophenol	*74*		*25 - 130*
Terphenyl-d14	*84*		*51 - 130*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 600-251936/2-A
Matrix: Wipe
Analysis Batch: 251975

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251936

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	*82*		*48 - 130*

Lab Sample ID: LCSD 600-251936/3-A
Matrix: Wipe
Analysis Batch: 251975

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 251936

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol			50.0	40.55		ug/Wipe		81	57 - 130	5	30
Bis(2-chloroethyl)ether			50.0	38.30		ug/Wipe		77	53 - 130	4	30
2-Chlorophenol			50.0	39.82		ug/Wipe		80	65 - 130	0	30
2-Methylphenol			50.0	39.45		ug/Wipe		79	65 - 130	2	30
3 & 4 Methylphenol			50.0	40.58		ug/Wipe		81	63 - 130	6	30
N-Nitrosodi-n-propylamine			50.0	43.21		ug/Wipe		86	50 - 130	2	30
Hexachloroethane			50.0	39.54		ug/Wipe		79	63 - 130	5	30
Acetophenone			50.0	38.27		ug/Wipe		77	63 - 130	1	30
Nitrobenzene			50.0	39.79		ug/Wipe		80	56 - 130	6	30
Isophorone			50.0	37.66		ug/Wipe		75	56 - 130	10	30
2-Nitrophenol			50.0	37.51		ug/Wipe		75	64 - 130	6	30
2,4-Dimethylphenol			50.0	37.09		ug/Wipe		74	67 - 130	5	30
Bis(2-chloroethoxy)methane			50.0	36.20		ug/Wipe		72	61 - 130	4	30
2,4-Dichlorophenol			50.0	39.63		ug/Wipe		79	61 - 130	3	30
Naphthalene			50.0	43.53		ug/Wipe		87	66 - 130	0	30
4-Chloroaniline			50.0	40.30		ug/Wipe		81	11 - 130	6	30
Hexachlorobutadiene			50.0	37.45		ug/Wipe		75	60 - 130	4	30
4-Chloro-3-methylphenol			50.0	36.93		ug/Wipe		74	69 - 130	15	30
2-Methylnaphthalene			50.0	37.61		ug/Wipe		75	69 - 130	6	30
Hexachlorocyclopentadiene			50.0	35.73		ug/Wipe		71	32 - 130	14	30
2,4,6-Trichlorophenol			50.0	40.04		ug/Wipe		80	64 - 130	9	30
2,4,5-Trichlorophenol			50.0	37.26		ug/Wipe		75	63 - 130	1	30
2-Chloronaphthalene			50.0	39.77		ug/Wipe		80	64 - 130	2	30
1,1'-Biphenyl			50.0	41.86		ug/Wipe		84	69 - 130	0	30
2-Nitroaniline			50.0	44.14		ug/Wipe		88	55 - 130	5	30
Dimethyl phthalate			50.0	40.13		ug/Wipe		80	68 - 130	7	30
Acenaphthylene			50.0	46.43		ug/Wipe		93	58 - 130	3	30
2,6-Dinitrotoluene			50.0	40.88		ug/Wipe		82	50 - 130	3	30
3-Nitroaniline			50.0	42.43		ug/Wipe		85	27 - 130	1	30
Acenaphthene			50.0	39.98		ug/Wipe		80	65 - 130	4	30
2,4-Dinitrophenol			100	69.07		ug/Wipe		69	59 - 130	3	30
4-Nitrophenol			100	57.33		ug/Wipe		57	37 - 143	6	30
Dibenzofuran			50.0	37.60		ug/Wipe		75	63 - 130	5	30
2,4-Dinitrotoluene			50.0	38.23		ug/Wipe		76	50 - 130	5	30
Diethyl phthalate			50.0	44.53		ug/Wipe		89	61 - 134	4	30
4-Chlorophenyl phenyl ether			50.0	43.93		ug/Wipe		88	60 - 130	3	30
Fluorene			50.0	39.55		ug/Wipe		79	62 - 130	3	30
4-Nitroaniline			50.0	44.45		ug/Wipe		89	47 - 131	3	30
4,6-Dinitro-2-methylphenol			100	85.95		ug/Wipe		86	62 - 130	3	30
N-Nitrosodiphenylamine			50.0	42.78		ug/Wipe		86	67 - 130	0	30

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCSD 600-251936/3-A
Matrix: Wipe
Analysis Batch: 251975

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 251936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Bromophenyl phenyl ether	50.0	43.61		ug/Wipe		87	66 - 130	17	30
Hexachlorobenzene	50.0	42.71		ug/Wipe		85	67 - 130	13	30
Pentachlorophenol	100	49.33		ug/Wipe		49	45 - 130	4	30
Phenanthrene	50.0	40.17		ug/Wipe		80	67 - 130	1	30
Anthracene	50.0	42.03		ug/Wipe		84	63 - 130	1	30
Carbazole	50.0	47.66		ug/Wipe		95	50 - 130	5	30
Di-n-butyl phthalate	50.0	47.02		ug/Wipe		94	50 - 130	6	30
Fluoranthene	50.0	45.19		ug/Wipe		90	50 - 130	11	30
Pyrene	50.0	40.32		ug/Wipe		81	50 - 130	2	30
Butyl benzyl phthalate	50.0	40.90		ug/Wipe		82	50 - 130	11	30
3,3'-Dichlorobenzidine	50.0	31.85		ug/Wipe		64	46 - 130	6	30
Benzo[a]anthracene	50.0	40.61		ug/Wipe		81	50 - 130	4	30
Bis(2-ethylhexyl) phthalate	50.0	44.81		ug/Wipe		90	50 - 130	3	30
Chrysene	50.0	41.72		ug/Wipe		83	50 - 130	4	30
Di-n-octyl phthalate	50.0	45.96		ug/Wipe		92	50 - 130	2	30
Benzo[b]fluoranthene	50.0	42.39		ug/Wipe		85	61 - 131	10	30
Benzo[k]fluoranthene	50.0	42.10		ug/Wipe		84	62 - 130	4	30
Benzo[a]pyrene	50.0	42.00		ug/Wipe		84	63 - 130	2	30
Indeno[1,2,3-cd]pyrene	50.0	42.24		ug/Wipe		84	60 - 130	3	30
Dibenz(a,h)anthracene	50.0	42.14		ug/Wipe		84	63 - 130	5	30
Benzo[g,h,i]perylene	50.0	43.35		ug/Wipe		87	60 - 130	6	30
bis (2-Chloroisopropyl) ether	50.0	46.13		ug/Wipe		92	64 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorophenol	*79*		*45 - 130*
Nitrobenzene-d5	*79*		*46 - 130*
2-Fluorobiphenyl	*78*		*42 - 130*
2,4,6-Tribromophenol	*81*		*25 - 130*
Terphenyl-d14	*79*		*51 - 130*
Phenol-d5 (Surr)	*80*		*48 - 130*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 600-251956/1-A
Matrix: Wipe
Analysis Batch: 252201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
gamma-BHC (Lindane)	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
beta-BHC	1.02	U	1.70	1.02	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
delta-BHC	0.850	U	1.70	0.850	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Heptachlor	0.930	U	1.70	0.930	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Aldrin	1.31	U	1.70	1.31	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Heptachlor epoxide	1.17	U	1.70	1.17	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
trans-Chlordane	1.25	U	3.30	1.25	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 600-251956/1-A
Matrix: Wipe
Analysis Batch: 252201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	1.59	U	3.30	1.59	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
4,4'-DDE	1.45	U	3.30	1.45	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Endosulfan I	1.00	U	1.70	1.00	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Dieldrin	1.39	U	3.30	1.39	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Endrin	1.53	U	3.30	1.53	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
4,4'-DDD	1.62	U	3.30	1.62	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Endosulfan II	1.51	U	1.70	1.51	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
4,4'-DDT	1.85	U	3.30	1.85	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Endrin aldehyde	1.56	U	3.30	1.56	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Methoxychlor	8.07	U	17.0	8.07	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Endosulfan sulfate	1.68	U	3.30	1.68	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Endrin ketone	1.54	U	3.30	1.54	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Chlordane (technical)	1.50	U	33.0	1.50	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1
Toxaphene	73.1	U	170	73.1	ug/Wipe		11/12/18 16:00	11/15/18 17:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*50 - 143*	*11/12/18 16:00*	*11/15/18 17:29*	*1*
DCB Decachlorobiphenyl	*91*		*47 - 177*	*11/12/18 16:00*	*11/15/18 17:29*	*1*

Lab Sample ID: LCS 600-251956/2-A
Matrix: Wipe
Analysis Batch: 252201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
alpha-BHC	0.500	1.00	U	ug/Wipe		92	63 - 130
gamma-BHC (Lindane)	0.500	0.930	U	ug/Wipe		91	36 - 150
beta-BHC	0.500	1.02	U	ug/Wipe		91	32 - 150
delta-BHC	0.500	0.850	U	ug/Wipe		90	33 - 150
Heptachlor	0.500	0.930	U	ug/Wipe		95	35 - 150
Aldrin	0.500	1.31	U	ug/Wipe		93	42 - 150
Heptachlor epoxide	0.500	1.17	U	ug/Wipe		90	42 - 150
trans-Chlordane	0.500	1.25	U	ug/Wipe		86	41 - 150
cis-Chlordane	0.500	1.59	U	ug/Wipe		91	40 - 150
4,4'-DDE	0.500	1.45	U	ug/Wipe		88	46 - 150
Endosulfan I	0.500	1.00	U	ug/Wipe		84	37 - 150
Dieldrin	0.500	1.39	U	ug/Wipe		94	42 - 150
Endrin	0.500	1.53	U	ug/Wipe		93	41 - 150
4,4'-DDD	0.500	1.62	U	ug/Wipe		88	42 - 150
Endosulfan II	0.500	1.51	U	ug/Wipe		91	43 - 150
4,4'-DDT	0.500	1.85	U	ug/Wipe		90	46 - 150
Endrin aldehyde	0.500	1.56	U	ug/Wipe		89	42 - 150
Methoxychlor	0.500	8.07	U	ug/Wipe		97	48 - 150
Endosulfan sulfate	0.500	1.68	U	ug/Wipe		88	32 - 150
Endrin ketone	0.500	1.54	U	ug/Wipe		92	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*96*		*50 - 143*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 600-251956/2-A
Matrix: Wipe
Analysis Batch: 252201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251956

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*101*		*47 - 177*

Lab Sample ID: LCSD 600-251956/3-A
Matrix: Wipe
Analysis Batch: 252201

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 251956

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
alpha-BHC			0.500	1.00	U	ug/Wipe		93	63 - 130	1	20
gamma-BHC (Lindane)			0.500	0.930	U	ug/Wipe		93	36 - 150	2	20
beta-BHC			0.500	1.02	U	ug/Wipe		93	32 - 150	2	20
delta-BHC			0.500	0.850	U	ug/Wipe		92	33 - 150	2	20
Heptachlor			0.500	0.930	U	ug/Wipe		97	35 - 150	2	20
Aldrin			0.500	1.31	U	ug/Wipe		95	42 - 150	2	20
Heptachlor epoxide			0.500	1.17	U	ug/Wipe		93	42 - 150	3	20
trans-Chlordane			0.500	1.25	U	ug/Wipe		89	41 - 150	3	20
cis-Chlordane			0.500	1.59	U	ug/Wipe		93	40 - 150	3	20
4,4'-DDE			0.500	1.45	U	ug/Wipe		98	46 - 150	10	20
Endosulfan I			0.500	1.00	U	ug/Wipe		99	37 - 150	16	20
Dieldrin			0.500	1.39	U	ug/Wipe		96	42 - 150	2	20
Endrin			0.500	1.53	U	ug/Wipe		95	41 - 150	1	20
4,4'-DDD			0.500	1.62	U	ug/Wipe		91	42 - 150	3	20
Endosulfan II			0.500	1.51	U	ug/Wipe		94	43 - 150	3	20
4,4'-DDT			0.500	1.85	U	ug/Wipe		93	46 - 150	3	20
Endrin aldehyde			0.500	1.56	U	ug/Wipe		93	42 - 150	4	20
Methoxychlor			0.500	8.07	U	ug/Wipe		98	48 - 150	1	20
Endosulfan sulfate			0.500	1.68	U	ug/Wipe		90	32 - 150	2	20
Endrin ketone			0.500	1.54	U	ug/Wipe		94	25 - 150	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*98*		*50 - 143*
DCB Decachlorobiphenyl	*103*		*47 - 177*

Method: 8151 - Herbicides

Lab Sample ID: MB 600-251745/1-A
Matrix: Wipe
Analysis Batch: 251927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	3.32	U	26.6	3.32	ug/Wipe		11/08/18 15:42	11/12/18 13:46	1
Mecoprop	305	U	2660	305	ug/Wipe		11/08/18 15:42	11/12/18 13:46	1
MCPA	432	U	2660	432	ug/Wipe		11/08/18 15:42	11/12/18 13:46	1
Dichlorprop	2.99	U	26.6	2.99	ug/Wipe		11/08/18 15:42	11/12/18 13:46	1
2,4-D	2.26	U	26.6	2.26	ug/Wipe		11/08/18 15:42	11/12/18 13:46	1
Silvex (2,4,5-TP)	2.86	U	26.6	2.86	ug/Wipe		11/08/18 15:42	11/12/18 13:46	1
2,4,5-T	2.93	U	26.6	2.93	ug/Wipe		11/08/18 15:42	11/12/18 13:46	1
2,4-DB	4.39	U	26.6	4.39	ug/Wipe		11/08/18 15:42	11/12/18 13:46	1

Method: 8151 - Herbicides (Continued)

Lab Sample ID: MB 600-251745/1-A
Matrix: Wipe
Analysis Batch: 251927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dinoseb	2.13	U	26.6	2.13	ug/Wipe		11/08/18 15:42	11/12/18 13:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*28*		*22 - 130*	*11/08/18 15:42*	*11/12/18 13:46*	*1*

Lab Sample ID: LCS 600-251745/2-A
Matrix: Wipe
Analysis Batch: 251927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dicamba	26.5	11.41	J	ug/Wipe		43	22 - 146
Mecoprop	2650	1905	J	ug/Wipe		72	26 - 143
MCPA	2650	1739	J	ug/Wipe		66	12 - 158
Dichlorprop	26.5	19.88	J	ug/Wipe		75	22 - 179
2,4-D	26.5	41.07		ug/Wipe		155	33 - 159
Silvex (2,4,5-TP)	26.5	18.07	J	ug/Wipe		68	32 - 160
2,4,5-T	26.5	33.02		ug/Wipe		124	24 - 165
2,4-DB	26.5	33.67		ug/Wipe		127	39 - 157
Dinoseb	26.5	13.25	J	ug/Wipe		50	12 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*41*		*22 - 130*

GC/MS VOA

Prep Batch: 252424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175884-1	3006-W-1	Total/NA	Wipe	5035A	
600-175884-2	3006-W-2	Total/NA	Wipe	5035A	
600-175884-3	3006-W-3	Total/NA	Wipe	5035A	
600-175884-4	3006-W-4	Total/NA	Wipe	5035A	
MB 600-252424/3-A	Method Blank	Total/NA	Wipe	5035A	
LCS 600-252424/1-A	Lab Control Sample	Total/NA	Wipe	5035A	
LCSD 600-252424/2-A	Lab Control Sample Dup	Total/NA	Wipe	5035A	

Analysis Batch: 252426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175884-1	3006-W-1	Total/NA	Wipe	8260B	252424
600-175884-2	3006-W-2	Total/NA	Wipe	8260B	252424
600-175884-3	3006-W-3	Total/NA	Wipe	8260B	252424
600-175884-4	3006-W-4	Total/NA	Wipe	8260B	252424
MB 600-252424/3-A	Method Blank	Total/NA	Wipe	8260B	252424
LCS 600-252424/1-A	Lab Control Sample	Total/NA	Wipe	8260B	252424
LCSD 600-252424/2-A	Lab Control Sample Dup	Total/NA	Wipe	8260B	252424

GC/MS Semi VOA

Prep Batch: 251936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175884-1	3006-W-1	Total/NA	Wipe	3550B	
600-175884-2	3006-W-2	Total/NA	Wipe	3550B	
600-175884-3	3006-W-3	Total/NA	Wipe	3550B	
600-175884-4	3006-W-4	Total/NA	Wipe	3550B	
MB 600-251936/1-A	Method Blank	Total/NA	Wipe	3550B	
LCS 600-251936/2-A	Lab Control Sample	Total/NA	Wipe	3550B	
LCSD 600-251936/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550B	

Analysis Batch: 251975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175884-1	3006-W-1	Total/NA	Wipe	8270C	251936
600-175884-2	3006-W-2	Total/NA	Wipe	8270C	251936
600-175884-3	3006-W-3	Total/NA	Wipe	8270C	251936
600-175884-4	3006-W-4	Total/NA	Wipe	8270C	251936
MB 600-251936/1-A	Method Blank	Total/NA	Wipe	8270C	251936
LCS 600-251936/2-A	Lab Control Sample	Total/NA	Wipe	8270C	251936
LCSD 600-251936/3-A	Lab Control Sample Dup	Total/NA	Wipe	8270C	251936

GC Semi VOA

Prep Batch: 251745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175884-1	3006-W-1	Total/NA	Wipe	8151A	
600-175884-2	3006-W-2	Total/NA	Wipe	8151A	
600-175884-3	3006-W-3	Total/NA	Wipe	8151A	
600-175884-4	3006-W-4	Total/NA	Wipe	8151A	
MB 600-251745/1-A	Method Blank	Total/NA	Wipe	8151A	
LCS 600-251745/2-A	Lab Control Sample	Total/NA	Wipe	8151A	

GC Semi VOA (Continued)

Analysis Batch: 251927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175884-1	3006-W-1	Total/NA	Wipe	8151	251745
600-175884-2	3006-W-2	Total/NA	Wipe	8151	251745
600-175884-3	3006-W-3	Total/NA	Wipe	8151	251745
600-175884-4	3006-W-4	Total/NA	Wipe	8151	251745
MB 600-251745/1-A	Method Blank	Total/NA	Wipe	8151	251745
LCS 600-251745/2-A	Lab Control Sample	Total/NA	Wipe	8151	251745

Prep Batch: 251956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175884-1	3006-W-1	Total/NA	Wipe	3580A	
600-175884-2	3006-W-2	Total/NA	Wipe	3580A	
600-175884-3	3006-W-3	Total/NA	Wipe	3580A	
600-175884-4	3006-W-4	Total/NA	Wipe	3580A	
MB 600-251956/1-A	Method Blank	Total/NA	Wipe	3580A	
LCS 600-251956/2-A	Lab Control Sample	Total/NA	Wipe	3580A	
LCSD 600-251956/3-A	Lab Control Sample Dup	Total/NA	Wipe	3580A	

Analysis Batch: 252201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175884-1	3006-W-1	Total/NA	Wipe	8081A	251956
600-175884-2	3006-W-2	Total/NA	Wipe	8081A	251956
600-175884-3	3006-W-3	Total/NA	Wipe	8081A	251956
MB 600-251956/1-A	Method Blank	Total/NA	Wipe	8081A	251956
LCS 600-251956/2-A	Lab Control Sample	Total/NA	Wipe	8081A	251956
LCSD 600-251956/3-A	Lab Control Sample Dup	Total/NA	Wipe	8081A	251956

Analysis Batch: 252496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175884-4	3006-W-4	Total/NA	Wipe	8081A	251956

Lab Chronicle

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allen VA Cemetery 11-07-18

TestAmerica Job ID: 600-175884-1

Client Sample ID: 3006-W-1

Date Collected: 11/07/18 10:55
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-1

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			1 Wipe	15 mL	252424	11/19/18 12:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	100 uL	5 mL	252426	11/19/18 18:13	KLV	TAL HOU
Total/NA	Prep	3550B			1.00 Wipe	1.0 mL	251936	11/12/18 14:19	RLK	TAL HOU
Total/NA	Analysis	8270C		1	1 mL	1.0 mL	251975	11/13/18 17:01	PXS	TAL HOU
Total/NA	Prep	3580A			1.00 Wipe	10.0 mL	251956	11/12/18 16:00	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/15/18 19:57	JAL	TAL HOU
Total/NA	Prep	8151A			1.0 Wipe	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 21:13	JAL	TAL HOU

Client Sample ID: 3006-W-2

Date Collected: 11/07/18 11:05
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-2

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			1 Wipe	15 mL	252424	11/19/18 12:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	100 uL	5 mL	252426	11/19/18 18:35	KLV	TAL HOU
Total/NA	Prep	3550B			1.00 Wipe	1.0 mL	251936	11/12/18 14:19	RLK	TAL HOU
Total/NA	Analysis	8270C		1			251975	11/13/18 17:34	PXS	TAL HOU
Total/NA	Prep	3580A			1.00 Wipe	10.0 mL	251956	11/12/18 16:00	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/16/18 00:03	JAL	TAL HOU
Total/NA	Prep	8151A			1.0 Wipe	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 21:38	JAL	TAL HOU

Client Sample ID: 3006-W-3

Date Collected: 11/07/18 11:12
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-3

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			1 Wipe	15 mL	252424	11/19/18 12:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	100 uL	5 mL	252426	11/19/18 16:19	KLV	TAL HOU
Total/NA	Prep	3550B			1.00 Wipe	1.0 mL	251936	11/12/18 14:19	RLK	TAL HOU
Total/NA	Analysis	8270C		1			251975	11/13/18 18:07	PXS	TAL HOU
Total/NA	Prep	3580A			1.00 Wipe	10.0 mL	251956	11/12/18 16:00	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/16/18 00:28	JAL	TAL HOU
Total/NA	Prep	8151A			1.0 Wipe	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 22:02	JAL	TAL HOU

Client Sample ID: 3006-W-4

Date Collected: 11/07/18 11:20
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-4

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			1 Wipe	15 mL	252424	11/19/18 12:00	KLV	TAL HOU

Lab Chronicle

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allen VA Cemetery 11-07-18

TestAmerica Job ID: 600-175884-1

Client Sample ID: 3006-W-4
Date Collected: 11/07/18 11:20
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175884-4
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	100 uL	5 mL	252426	11/19/18 16:41	KLV	TAL HOU
Total/NA	Prep	3550B			1.00 Wipe	1.0 mL	251936	11/12/18 14:19	RLK	TAL HOU
Total/NA	Analysis	8270C		1	1 mL	1.0 mL	251975	11/13/18 18:39	PXS	TAL HOU
Total/NA	Prep	3580A			1.00 Wipe	10.0 mL	251956	11/12/18 16:00	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252496	11/20/18 12:07	JAL	TAL HOU
Total/NA	Prep	8151A			1.0 Wipe	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 22:51	JAL	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Accreditation/Certification Summary

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allen VA Cemetery 11-07-18

TestAmerica Job ID: 600-175884-1

Laboratory: TestAmerica Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Texas	NELAP	6	T104704223-18-23	10-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8081A	3580A	Wipe	4,4'-DDD
8081A	3580A	Wipe	4,4'-DDE
8081A	3580A	Wipe	4,4'-DDT
8081A	3580A	Wipe	Aldrin
8081A	3580A	Wipe	alpha-BHC
8081A	3580A	Wipe	beta-BHC
8081A	3580A	Wipe	Chlordane (technical)
8081A	3580A	Wipe	cis-Chlordane
8081A	3580A	Wipe	delta-BHC
8081A	3580A	Wipe	Dieldrin
8081A	3580A	Wipe	Endosulfan I
8081A	3580A	Wipe	Endosulfan II
8081A	3580A	Wipe	Endosulfan sulfate
8081A	3580A	Wipe	Endrin
8081A	3580A	Wipe	Endrin aldehyde
8081A	3580A	Wipe	Endrin ketone
8081A	3580A	Wipe	gamma-BHC (Lindane)
8081A	3580A	Wipe	Heptachlor
8081A	3580A	Wipe	Heptachlor epoxide
8081A	3580A	Wipe	Methoxychlor
8081A	3580A	Wipe	Toxaphene
8081A	3580A	Wipe	trans-Chlordane
8151	8151A	Wipe	2,4,5-T
8151	8151A	Wipe	2,4-D
8151	8151A	Wipe	2,4-DB
8151	8151A	Wipe	Dicamba
8151	8151A	Wipe	Dichlorprop
8151	8151A	Wipe	Dinoseb
8151	8151A	Wipe	MCPA
8151	8151A	Wipe	Mecoprop
8151	8151A	Wipe	Silvex (2,4,5-TP)
8260B	5035A	Wipe	1,1,1-Trichloroethane
8260B	5035A	Wipe	1,1,2,2-Tetrachloroethane
8260B	5035A	Wipe	1,1,2-Trichloro-1,2,2-trifluoroethane
8260B	5035A	Wipe	1,1,2-Trichloroethane
8260B	5035A	Wipe	1,1-Dichloroethane
8260B	5035A	Wipe	1,1-Dichloroethene
8260B	5035A	Wipe	1,2,4-Trichlorobenzene
8260B	5035A	Wipe	1,2-Dibromo-3-Chloropropane
8260B	5035A	Wipe	1,2-Dibromoethane
8260B	5035A	Wipe	1,2-Dichlorobenzene
8260B	5035A	Wipe	1,2-Dichloroethane
8260B	5035A	Wipe	1,2-Dichloropropane
8260B	5035A	Wipe	1,3-Dichlorobenzene
8260B	5035A	Wipe	1,4-Dichlorobenzene

Laboratory: TestAmerica Houston (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Texas	NELAP	6	T104704223-18-23	10-31-19

8260B	5035A	Wipe	2-Butanone (MEK)
8260B	5035A	Wipe	2-Hexanone
8260B	5035A	Wipe	4-Methyl-2-pentanone (MIBK)
8260B	5035A	Wipe	Acetone
8260B	5035A	Wipe	Benzene
8260B	5035A	Wipe	Bromodichloromethane
8260B	5035A	Wipe	Bromoform
8260B	5035A	Wipe	Bromomethane
8260B	5035A	Wipe	Carbon disulfide
8260B	5035A	Wipe	Carbon tetrachloride
8260B	5035A	Wipe	Chlorobenzene
8260B	5035A	Wipe	Chlorobromomethane
8260B	5035A	Wipe	Chloroethane
8260B	5035A	Wipe	Chloroform
8260B	5035A	Wipe	Chloromethane
8260B	5035A	Wipe	cis-1,2-Dichloroethene
8260B	5035A	Wipe	cis-1,3-Dichloropropene
8260B	5035A	Wipe	Cyclohexane
8260B	5035A	Wipe	Dibromochloromethane
8260B	5035A	Wipe	Dichlorodifluoromethane
8260B	5035A	Wipe	Ethylbenzene
8260B	5035A	Wipe	Isopropylbenzene
8260B	5035A	Wipe	Methyl tert-butyl ether
8260B	5035A	Wipe	Methylene Chloride
8260B	5035A	Wipe	m-Xylene & p-Xylene
8260B	5035A	Wipe	o-Xylene
8260B	5035A	Wipe	Styrene
8260B	5035A	Wipe	Tetrachloroethene
8260B	5035A	Wipe	Toluene
8260B	5035A	Wipe	trans-1,2-Dichloroethene
8260B	5035A	Wipe	trans-1,3-Dichloropropene
8260B	5035A	Wipe	Trichloroethene
8260B	5035A	Wipe	Vinyl acetate
8260B	5035A	Wipe	Vinyl chloride
8260B	5035A	Wipe	Xylenes, Total
8270C	3550B	Wipe	1,1'-Biphenyl
8270C	3550B	Wipe	2,4,5-Trichlorophenol
8270C	3550B	Wipe	2,4,6-Trichlorophenol
8270C	3550B	Wipe	2,4-Dichlorophenol
8270C	3550B	Wipe	2,4-Dimethylphenol
8270C	3550B	Wipe	2,4-Dinitrophenol
8270C	3550B	Wipe	2,4-Dinitrotoluene
8270C	3550B	Wipe	2,6-Dinitrotoluene
8270C	3550B	Wipe	2-Chloronaphthalene
8270C	3550B	Wipe	2-Chlorophenol
8270C	3550B	Wipe	2-Methylnaphthalene
8270C	3550B	Wipe	2-Methylphenol
8270C	3550B	Wipe	2-Nitroaniline
8270C	3550B	Wipe	2-Nitrophenol

Laboratory: TestAmerica Houston (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Texas	NELAP	6	T104704223-18-23	10-31-19

8270C	3550B	Wipe	3 & 4 Methylphenol
8270C	3550B	Wipe	3,3'-Dichlorobenzidine
8270C	3550B	Wipe	3-Nitroaniline
8270C	3550B	Wipe	4,6-Dinitro-2-methylphenol
8270C	3550B	Wipe	4-Bromophenyl phenyl ether
8270C	3550B	Wipe	4-Chloro-3-methylphenol
8270C	3550B	Wipe	4-Chloroaniline
8270C	3550B	Wipe	4-Chlorophenyl phenyl ether
8270C	3550B	Wipe	4-Nitroaniline
8270C	3550B	Wipe	4-Nitrophenol
8270C	3550B	Wipe	Acenaphthene
8270C	3550B	Wipe	Acenaphthylene
8270C	3550B	Wipe	Acetophenone
8270C	3550B	Wipe	Anthracene
8270C	3550B	Wipe	Benzo[a]anthracene
8270C	3550B	Wipe	Benzo[a]pyrene
8270C	3550B	Wipe	Benzo[b]fluoranthene
8270C	3550B	Wipe	Benzo[g,h,i]perylene
8270C	3550B	Wipe	Benzo[k]fluoranthene
8270C	3550B	Wipe	bis (2-Chloroisopropyl) ether
8270C	3550B	Wipe	Bis(2-chloroethoxy)methane
8270C	3550B	Wipe	Bis(2-chloroethyl)ether
8270C	3550B	Wipe	Bis(2-ethylhexyl) phthalate
8270C	3550B	Wipe	Butyl benzyl phthalate
8270C	3550B	Wipe	Carbazole
8270C	3550B	Wipe	Chrysene
8270C	3550B	Wipe	Dibenz(a,h)anthracene
8270C	3550B	Wipe	Dibenzofuran
8270C	3550B	Wipe	Diethyl phthalate
8270C	3550B	Wipe	Dimethyl phthalate
8270C	3550B	Wipe	Di-n-butyl phthalate
8270C	3550B	Wipe	Di-n-octyl phthalate
8270C	3550B	Wipe	Fluoranthene
8270C	3550B	Wipe	Fluorene
8270C	3550B	Wipe	Hexachlorobenzene
8270C	3550B	Wipe	Hexachlorobutadiene
8270C	3550B	Wipe	Hexachlorocyclopentadiene
8270C	3550B	Wipe	Hexachloroethane
8270C	3550B	Wipe	Indeno[1,2,3-cd]pyrene
8270C	3550B	Wipe	Isophorone
8270C	3550B	Wipe	Naphthalene
8270C	3550B	Wipe	Nitrobenzene
8270C	3550B	Wipe	N-Nitrosodi-n-propylamine
8270C	3550B	Wipe	N-Nitrosodiphenylamine
8270C	3550B	Wipe	Pentachlorophenol
8270C	3550B	Wipe	Phenanthrene
8270C	3550B	Wipe	Phenol
8270C	3550B	Wipe	Pyrene

Joiner, Dean

From: Bolch, Scott [USA] <Bolch_Scott@bah.com>
Sent: Tuesday, December 04, 2018 11:52 AM
To: Joiner, Dean
Cc: Kudchadkar, Sachin
Subject: Re: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

-External Email-

That is correct sir

Scott Austin Bolch
(770) 634-1644
Sent via mobile device

From: Joiner, Dean <Dean.Joiner@testamericainc.com>
Sent: Tuesday, December 4, 2018 12:51:03 PM
To: Bolch, Scott [USA]
Cc: Kudchadkar, Sachin
Subject: RE: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

Scott just to confirm you need both jobs updated. This would include jobs

600-175884
600-175885

From: Bolch, Scott [USA] [mailto:Bolch_Scott@bah.com]
Sent: Tuesday, December 04, 2018 9:34 AM
To: Joiner, Dean
Cc: Kudchadkar, Sachin
Subject: RE: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

-External Email-

Good morning Dean,

Can you please revise the sample names on these reports? The samples were labelled with “2501” and need to read “3006”.

Thank you,

Scott Austin Bolch
770-634-1644

From: Bolch, Scott [USA]
Sent: Monday, November 26, 2018 7:29 AM
To: 'Joiner, Dean' <Dean.Joiner@testamericainc.com>
Cc: 'sachin.kudchadkar@testamericainc.com' <sachin.kudchadkar@testamericainc.com>
Subject: RE: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

Good morning Dean,

Can you please send the results for the Houston Phase II as excel files as well?

Thank you,

Scott Austin Bolch
770-634-1644

From: Kudchadkar, Sachin <sachin.kudchadkar@testamericainc.com>
Sent: Wednesday, November 21, 2018 4:00 PM
To: Bolch, Scott [USA] <Bolch_Scott@bah.com>
Subject: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

Hello,

Attached please find the report files for job 600-175884-1; Booz Allen VA Cemetery 11-07-18

Please feel free to contact me or your PM Dean Joiner if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: Project Feedback

SACHIN G KUDCHADKAR
Project Manager

TestAmerica Houston
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 713.690.4444
www.testamericainc.com

Reference: [459854]
Attachments: 1

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Scott Bolch	Lab PM: Joiner, Dean A	Carrier Tracking No(s):	COC No: 600-64234-17961.2
Client Contact: Scott Bolch	Phone: 770-634-1644	E-Mail: dean.joiner@testamericainc.com		Page: Page 2 of 2
Company: Booz Allen Hamilton Inc				Job #:

Address: 1349 West Peachtree Street NW Suite 1400	Due Date Requested:
City: Atlanta	TAT Requested (days): 10 WD TAT Level 3e
State, Zip: GA, 30309	
Phone: 770-634-1644(Tel)	PO #: Purchase Order Requested
Email: Bolch_Scott@bah.com	WO #
Project Name: Houston, TX - VA Cemetery	Project #: 60010322 Analysis Grp: Soil Samples;Wipe Samples
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL Volatiles TX - default (Soil)	8081A - Pesticide (Soil)	8151A - Herbicide (Soil)	8270C - TCL 4.2 Default List (Soil)	Moisture -(Soil)		8260B - TCL Volatiles TX - default (Wipe)	8270C - TCL 4.2 Default List (Wipe)	8081A Pesticide (Wipe)	8151A - Herbicide (Wipe)				Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N		F	N	M	M					
2501-W-1	11/7/18	10:55	G	Wipe									2	2	2	2				8	
2501-W-2	11/7/18	11:05	G	Wipe																8	
2501-W-3	11/7/18	11:12	G	Wipe																8	
2501-W-4	11/7/18	11:20	G	Wipe																8	

600-175884 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time: 11/7/18 1130	Company: BAH	Received by:	Date/Time: 11-7-18/1313	Company: TA Houston
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 08/04/2016

TestAmerica Houston

Loc: 600
175884

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Sample Receipt Checklist

Date/Time Received: '18 NOV 7 13:13

JOB NUMBER: _____

CLIENT: Booz Allen Hamilton

UNPACKED BY: _____

CARRIER/DRIVER: client

Custody Seal Present: ☐ YES ☒ NO

Number of Coolers Received: 1

Cooler ID	Temp Blank	Trip Blank	Observed Temp (°C)	Therm ID	Them CF	Corrected Temp (°C)
BW	Y / N	Y / N	6.6	IR678	-0.3	6.3
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				

CF = correction factor

Samples received on ice? ☒ YES ☐ NO

LABORATORY PRESERVATION OF SAMPLES REQUIRED: ☐ NO ☐ YES

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

pH paper Lot #_____

VOA headspace acceptable (5-6mm): ☐ YES ☐ NO ☐ NA

	YES	NO
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	√	

COMMENTS: Chill in Progress

Login Sample Receipt Checklist

Client: Booz Allen Hamilton Inc

Job Number: 600-175884-1

Login Number: 175884
List Number: 1
Creator: Taylor, Jaquelyn R

List Source: TestAmerica Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	6.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Tel: (713)690-4444

TestAmerica Job ID: 600-175885-1
Client Project/Site: Booz Allan - VA Cemetery 11-017-18
Revision: 1

For:
Booz Allen Hamilton Inc
1349 West Peachtree Street NW
Suite 1400
Atlanta, Georgia 30309

Attn: Scott Bolch

Dean A. Joiner

Authorized for release by:
12/4/2018 12:03:42 PM

Dean Joiner, Project Manager II
(713)690-4444
dean.joiner@testamericainc.com

Table of Contents

Job ID: 600-175885-1

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-175885-1

Comments
This report was revised updating the sample IDs at the request of the client on December 4, 2018.

Receipt
The samples were received on 11/7/2018 1:13 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 18.6º C.

GC/MS VOA
Method(s) 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch analytical batch 600-251686 recovered outside control limits for the following analytes: Carbon disulfide.

Method(s) 8260B: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 600-251686: 1,1,2-Trichloro-1,2,2-trifluoroethane (-36,7%). These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. The drift% is more than 35% but below 50%.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270C: The laboratory control sample for preparation batch 600-251808 and analytical batch 600-251946 recovered outside control limits for the following analyte(s): 4-Chloroaniline. 4-Chloroaniline has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The following samples were diluted due to the nature of the sample matrix: 2501-SS-3 (600-175885-3), 2501-SS-4 (600-175885-4), 2501-SS-5 (600-175885-5) and 2501-SS-6 (600-175885-6). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8081A: Surrogate recovery for the following sample was outside control limits: (600-175885-A-7-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8081A: The following samples were diluted to bring the concentration of target analytes within the calibration range: 2501-SS-1 (600-175885-1) and 2501-SS-2 (600-175885-2). Elevated reporting limits (RLs) are provided.

Method(s) 8151A: The continuing calibration verification (CCV) associated with batch 600-251927 recovered above the upper control limit for 2,4,5-TP(50.8%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: The continuing calibration verification (CCV) associated with batch 600-251927 recovered above the upper control limit for 2,4-DB(30.5%),Dinoseb(23.1%), and 2,4,5-TP(18.6%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method(s) 3546: The following samples required a Florisil clean-up, via EPA Method 3620B, to reduce matrix interferences: 2501-SS-1 (600-175885-1), 2501-SS-2 (600-175885-2), 2501-SS-3 (600-175885-3), 2501-SS-4 (600-175885-4), 2501-SS-5 (600-175885-5), 2501-SS-6 (600-175885-6), 2501-SS-7 (600-175885-7), (600-175885-A-7 MS) and (600-175885-A-7 MSD).

Job ID: 600-175885-1 (Continued)

Laboratory: TestAmerica Houston (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allan - VA Cemetery 11-017-18

TestAmerica Job ID: 600-175885-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL HOU
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL HOU
8081A	Organochlorine Pesticides (GC)	SW846	TAL HOU
8151	Herbicides	SW846	TAL HOU
2540B	Percent Moisture	SM20	TAL HOU
3546	Microwave Extraction	SW846	TAL HOU
5035	Closed System Purge & Trap/Laboratory Preservation	SW846	TAL HOU
8151A	Chlorinated Herbicides by GC - Solids Prep	SW846	TAL HOU

Protocol References:

SM20 = "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allan - VA Cemetery 11-017-18

TestAmerica Job ID: 600-175885-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-175885-1	3006-SS-1	Solid	11/07/18 09:30	11/07/18 13:13
600-175885-2	3006-SS-2	Solid	11/07/18 09:43	11/07/18 13:13
600-175885-3	3006-SS-3	Solid	11/07/18 09:53	11/07/18 13:13
600-175885-4	3006-SS-4	Solid	11/07/18 09:57	11/07/18 13:13
600-175885-5	3006-SS-5	Solid	11/07/18 10:05	11/07/18 13:13
600-175885-6	3006-SS-6	Solid	11/07/18 10:10	11/07/18 13:13
600-175885-7	3006-SS-7	Solid	11/07/18 10:27	11/07/18 13:13

Client Sample ID: 3006-SS-1
Date Collected: 11/07/18 09:30
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-1
Matrix: Solid
Percent Solids: 86.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.14	U	12.9	2.14	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Benzene	0.811	U	6.44	0.811	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Chlorobromomethane	2.29	U	6.44	2.29	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Bromoform	1.76	U	6.44	1.76	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Bromomethane	1.07	U	12.9	1.07	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
2-Butanone (MEK)	2.45	U	12.9	2.45	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Carbon disulfide	0.708	U *	12.9	0.708	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Carbon tetrachloride	1.45	U	6.44	1.45	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Dibromochloromethane	1.21	U	6.44	1.21	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Chlorobenzene	1.24	U	6.44	1.24	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Chloroethane	1.80	U	12.9	1.80	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Chloroform	0.850	U	12.9	0.850	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Chloromethane	2.14	U	12.9	2.14	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,1-Dichloroethane	1.12	U	6.44	1.12	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,2-Dichloroethane	1.16	U	6.44	1.16	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,1-Dichloroethene	1.57	U	6.44	1.57	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
cis-1,2-Dichloroethene	1.07	U	6.44	1.07	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
trans-1,2-Dichloroethene	1.47	U	6.44	1.47	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,2-Dichloropropane	0.914	U	6.44	0.914	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
cis-1,3-Dichloropropene	0.695	U	6.44	0.695	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
trans-1,3-Dichloropropene	0.747	U	6.44	0.747	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Ethylbenzene	1.31	U	6.44	1.31	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
2-Hexanone	1.30	U	12.9	1.30	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Methylene Chloride	2.82	U	12.9	2.82	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
4-Methyl-2-pentanone (MIBK)	1.89	U	12.9	1.89	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Styrene	0.914	U	6.44	0.914	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,1,2,2-Tetrachloroethane	1.12	U	6.44	1.12	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Tetrachloroethene	0.914	U	6.44	0.914	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Toluene	1.78	U	6.44	1.78	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,1,1-Trichloroethane	0.953	U	6.44	0.953	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,1,2-Trichloroethane	0.940	U	51.5	0.940	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Trichloroethene	1.80	U	6.44	1.80	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Vinyl acetate	1.20	U	12.9	1.20	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Vinyl chloride	1.16	U	12.9	1.16	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
o-Xylene	1.45	U	6.44	1.45	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
m-Xylene & p-Xylene	1.96	U	6.44	1.96	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Xylenes, Total	1.45	U	6.44	1.45	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Bromodichloromethane	0.850	U	6.44	0.850	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.85	U	6.44	1.85	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,2,4-Trichlorobenzene	2.54	U	6.44	2.54	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,2-Dibromo-3-Chloropropane	3.14	U	6.44	3.14	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,2-Dichlorobenzene	1.03	U	6.44	1.03	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,3-Dichlorobenzene	0.914	U	6.44	0.914	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,4-Dichlorobenzene	0.850	U	6.44	0.850	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Dichlorodifluoromethane	1.98	U	6.44	1.98	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
1,2-Dibromoethane	1.31	U	6.44	1.31	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Isopropylbenzene	1.18	U	6.44	1.18	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Methyl tert-butyl ether	2.36	U	6.44	2.36	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1
Cyclohexane	2.47	U	6.44	2.47	ug/Kg	☼	11/08/18 08:20	11/08/18 15:42	1

Client Sample ID: 3006-SS-1
Date Collected: 11/07/18 09:30
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-1
Matrix: Solid
Percent Solids: 86.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	72		50 - 130	11/08/18 08:20	11/08/18 15:42	1
Dibromofluoromethane	89		68 - 140	11/08/18 08:20	11/08/18 15:42	1
4-Bromofluorobenzene	90		57 - 140	11/08/18 08:20	11/08/18 15:42	1
1,2-Dichloroethane-d4 (Surr)	88		61 - 130	11/08/18 08:20	11/08/18 15:42	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	219	U	382	219	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Acenaphthylene	223	U	382	223	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Anthracene	240	U	382	240	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Benzo[a]anthracene	240	U	382	240	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Benzo[b]fluoranthene	22.4	U	382	22.4	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Benzo[k]fluoranthene	34.0	U	382	34.0	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Benzo[g,h,i]perylene	203	U	382	203	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Benzo[a]pyrene	214	U	382	214	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Bis(2-chloroethoxy)methane	215	U	382	215	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Bis(2-chloroethyl)ether	38.1	U	382	38.1	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Bis(2-ethylhexyl) phthalate	231	U	382	231	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
4-Bromophenyl phenyl ether	231	U	382	231	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Butyl benzyl phthalate	232	U	382	232	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
4-Chloroaniline	76.3	U *	382	76.3	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2-Chloronaphthalene	248	U	382	248	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
4-Chlorophenyl phenyl ether	229	U	382	229	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Carbazole	236	U	382	236	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Chrysene	233	U	382	233	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Di-n-butyl phthalate	246	U	382	246	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Dibenz(a,h)anthracene	219	U	382	219	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Dibenzofuran	227	U	382	227	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
3,3'-Dichlorobenzidine	73.5	U	763	73.5	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Diethyl phthalate	236	U	382	236	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Dimethyl phthalate	231	U	382	231	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2,4-Dinitrotoluene	38.1	U	382	38.1	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2,6-Dinitrotoluene	242	U	382	242	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Di-n-octyl phthalate	247	U	382	247	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Fluoranthene	244	U	382	244	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Fluorene	235	U	382	235	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Hexachlorobenzene	241	U	382	241	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Hexachlorocyclopentadiene	25.8	U	382	25.8	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Hexachloroethane	34.6	U	382	34.6	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Hexachlorobutadiene	39.2	U	382	39.2	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Indeno[1,2,3-cd]pyrene	209	U	382	209	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Isophorone	224	U	382	224	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2-Methylnaphthalene	219	U	382	219	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Naphthalene	22.3	U	382	22.3	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2-Nitroaniline	225	U	1850	225	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
3-Nitroaniline	245	U	1850	245	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
4-Nitroaniline	209	U	1850	209	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Nitrobenzene	54.8	U	382	54.8	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
N-Nitrosodiphenylamine	36.5	U	382	36.5	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
N-Nitrosodi-n-propylamine	33.1	U	382	33.1	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1

Client Sample ID: 3006-SS-1
Date Collected: 11/07/18 09:30
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-1
Matrix: Solid
Percent Solids: 86.3

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	235	U	382	235	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Pyrene	255	U	382	255	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
4-Chloro-3-methylphenol	222	U	382	222	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2-Chlorophenol	26.9	U	382	26.9	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2-Methylphenol	43.8	U	382	43.8	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
3 & 4 Methylphenol	34.8	U	763	34.8	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2,4-Dichlorophenol	211	U	382	211	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2,4-Dimethylphenol	73.6	U	382	73.6	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
4,6-Dinitro-2-methylphenol	239	U	1850	239	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2,4-Dinitrophenol	148	U	1850	148	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2-Nitrophenol	208	U	382	208	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
4-Nitrophenol	208	U	1850	208	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Pentachlorophenol	25.6	U	1850	25.6	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Phenol	43.2	U	382	43.2	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2,4,5-Trichlorophenol	71.8	U	382	71.8	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
2,4,6-Trichlorophenol	208	U	382	208	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
bis (2-Chloroisopropyl) ether	40.0	U	382	40.0	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
1,1'-Biphenyl	48.0	U	382	48.0	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1
Acetophenone	44.3	U	382	44.3	ug/Kg	☼	11/09/18 11:36	11/12/18 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*10 - 150*	*11/09/18 11:36*	*11/12/18 20:36*	*1*
2-Fluorophenol	*72*		*25 - 132*	*11/09/18 11:36*	*11/12/18 20:36*	*1*
2-Fluorobiphenyl	*81*		*38 - 130*	*11/09/18 11:36*	*11/12/18 20:36*	*1*
2,4,6-Tribromophenol	*89*		*10 - 148*	*11/09/18 11:36*	*11/12/18 20:36*	*1*
Terphenyl-d14	*82*		*53 - 134*	*11/09/18 11:36*	*11/12/18 20:36*	*1*
Phenol-d5 (Surr)	*76*		*27 - 123*	*11/09/18 11:36*	*11/12/18 20:36*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.87	U	3.82	1.87	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
4,4'-DDE	1.68	U	3.82	1.68	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
4,4'-DDT	2.14	U	3.82	2.14	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Aldrin	**9.16**		1.97	1.51	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
alpha-BHC	1.16	U	1.97	1.16	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
beta-BHC	1.18	U	1.97	1.18	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Chlordane (technical)	27.1	U	86.7	27.1	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
delta-BHC	0.983	U	1.97	0.983	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Endosulfan I	1.16	U	1.97	1.16	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Endosulfan II	1.75	U	3.82	1.75	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Endosulfan sulfate	1.94	U	3.82	1.94	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Endrin	1.77	U	3.82	1.77	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Endrin aldehyde	1.80	U	3.82	1.80	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Endrin ketone	**2.71**	**J**	3.82	1.78	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
gamma-BHC (Lindane)	1.08	U	1.97	1.08	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Heptachlor	1.08	U	1.97	1.08	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Heptachlor epoxide	1.35	U	1.97	1.35	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Methoxychlor	9.33	U	19.7	9.33	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1
Toxaphene	84.5	U	197	84.5	ug/Kg	☼	11/13/18 15:06	11/15/18 20:21	1

Client Sample ID: 3006-SS-1

Date Collected: 11/07/18 09:30
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-1

Matrix: Solid
Percent Solids: 86.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		47 - 150	11/13/18 15:06	11/15/18 20:21	1
Tetrachloro-m-xylene	74		50 - 143	11/13/18 15:06	11/15/18 20:21	1

Method: 8081A - Organochlorine Pesticides (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	59.8		7.63	3.68	ug/Kg	☼	11/13/18 15:06	11/20/18 12:31	2
trans-Chlordane	41.9		7.63	2.89	ug/Kg	☼	11/13/18 15:06	11/20/18 12:31	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		47 - 150	11/13/18 15:06	11/20/18 12:31	2
Tetrachloro-m-xylene	73		50 - 143	11/13/18 15:06	11/20/18 12:31	2

Method: 8081A - Organochlorine Pesticides (GC) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	679		76.3	32.1	ug/Kg	☼	11/13/18 15:06	11/20/18 12:56	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	107		47 - 150	11/13/18 15:06	11/20/18 12:56	20
Tetrachloro-m-xylene	90		50 - 143	11/13/18 15:06	11/20/18 12:56	20

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	1.31	U	15.4	1.31	ug/Kg	☼	11/08/18 15:42	11/12/18 18:22	1
2,4-DB	2.55	U	15.4	2.55	ug/Kg	☼	11/08/18 15:42	11/12/18 18:22	1
Dicamba	1.77	U	15.4	1.77	ug/Kg	☼	11/08/18 15:42	11/12/18 18:22	1
Dichlorprop	1.74	U	15.4	1.74	ug/Kg	☼	11/08/18 15:42	11/12/18 18:22	1
Dinoseb	1.23	U	15.4	1.23	ug/Kg	☼	11/08/18 15:42	11/12/18 18:22	1
Mecoprop	177	U	1540	177	ug/Kg	☼	11/08/18 15:42	11/12/18 18:22	1
MCPA	251	U	1540	251	ug/Kg	☼	11/08/18 15:42	11/12/18 18:22	1
2,4,5-T	1.70	U	15.4	1.70	ug/Kg	☼	11/08/18 15:42	11/12/18 18:22	1
Silvex (2,4,5-TP)	1.66	U	15.4	1.66	ug/Kg	☼	11/08/18 15:42	11/12/18 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	42		22 - 130	11/08/18 15:42	11/12/18 18:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13.7		1.0	1.0	%			11/09/18 08:20	1
Percent Solids	86.3		1.0	1.0	%			11/09/18 08:20	1

Client Sample ID: 3006-SS-2

Date Collected: 11/07/18 09:43
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-2

Matrix: Solid
Percent Solids: 84.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.02	U	12.2	2.02	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Benzene	0.767	U	6.09	0.767	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Chlorobromomethane	2.17	U	6.09	2.17	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Bromoform	1.67	U	6.09	1.67	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Bromomethane	1.01	U	12.2	1.01	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
2-Butanone (MEK)	2.31	U	12.2	2.31	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1

Client Sample ID: 3006-SS-2
Date Collected: 11/07/18 09:43
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-2
Matrix: Solid
Percent Solids: 84.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.670	U *	12.2	0.670	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Carbon tetrachloride	1.38	U	6.09	1.38	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Dibromochloromethane	1.14	U	6.09	1.14	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Chlorobenzene	1.17	U	6.09	1.17	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Chloroethane	1.70	U	12.2	1.70	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Chloroform	0.804	U	12.2	0.804	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Chloromethane	2.02	U	12.2	2.02	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,1-Dichloroethane	1.06	U	6.09	1.06	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,2-Dichloroethane	1.10	U	6.09	1.10	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,1-Dichloroethene	1.49	U	6.09	1.49	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
cis-1,2-Dichloroethene	1.01	U	6.09	1.01	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
trans-1,2-Dichloroethene	1.39	U	6.09	1.39	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,2-Dichloropropane	0.865	U	6.09	0.865	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
cis-1,3-Dichloropropene	0.658	U	6.09	0.658	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
trans-1,3-Dichloropropene	0.706	U	6.09	0.706	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Ethylbenzene	1.24	U	6.09	1.24	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
2-Hexanone	1.23	U	12.2	1.23	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Methylene Chloride	2.67	U	12.2	2.67	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
4-Methyl-2-pentanone (MIBK)	1.79	U	12.2	1.79	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Styrene	0.865	U	6.09	0.865	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,1,2,2-Tetrachloroethane	1.06	U	6.09	1.06	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Tetrachloroethene	0.865	U	6.09	0.865	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Toluene	1.68	U	6.09	1.68	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,1,1-Trichloroethane	0.901	U	6.09	0.901	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,1,2-Trichloroethane	0.889	U	48.7	0.889	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Trichloroethene	1.70	U	6.09	1.70	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Vinyl acetate	1.13	U	12.2	1.13	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Vinyl chloride	1.10	U	12.2	1.10	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
o-Xylene	1.38	U	6.09	1.38	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
m-Xylene & p-Xylene	1.85	U	6.09	1.85	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Xylenes, Total	1.38	U	6.09	1.38	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Bromodichloromethane	0.804	U	6.09	0.804	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.75	U	6.09	1.75	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,2,4-Trichlorobenzene	2.40	U	6.09	2.40	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,2-Dibromo-3-Chloropropane	2.97	U	6.09	2.97	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,2-Dichlorobenzene	0.974	U	6.09	0.974	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,3-Dichlorobenzene	0.865	U	6.09	0.865	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,4-Dichlorobenzene	0.804	U	6.09	0.804	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Dichlorodifluoromethane	1.88	U	6.09	1.88	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
1,2-Dibromoethane	1.24	U	6.09	1.24	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Isopropylbenzene	1.12	U	6.09	1.12	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Methyl tert-butyl ether	2.23	U	6.09	2.23	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1
Cyclohexane	2.34	U	6.09	2.34	ug/Kg	☼	11/08/18 08:20	11/08/18 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*87*		*50 - 130*	*11/08/18 08:20*	*11/08/18 16:06*	*1*
Dibromofluoromethane	*84*		*68 - 140*	*11/08/18 08:20*	*11/08/18 16:06*	*1*
4-Bromofluorobenzene	*88*		*57 - 140*	*11/08/18 08:20*	*11/08/18 16:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*61 - 130*	*11/08/18 08:20*	*11/08/18 16:06*	*1*

Client Sample ID: 3006-SS-2
Date Collected: 11/07/18 09:43
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-2
Matrix: Solid
Percent Solids: 84.3

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	224	U	391	224	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Acenaphthylene	228	U	391	228	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Anthracene	246	U	391	246	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Benzo[a]anthracene	246	U	391	246	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Benzo[b]fluoranthene	22.9	U	391	22.9	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Benzo[k]fluoranthene	34.9	U	391	34.9	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Benzo[g,h,i]perylene	208	U	391	208	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Benzo[a]pyrene	219	U	391	219	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Bis(2-chloroethoxy)methane	221	U	391	221	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Bis(2-chloroethyl)ether	39.1	U	391	39.1	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Bis(2-ethylhexyl) phthalate	237	U	391	237	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
4-Bromophenyl phenyl ether	237	U	391	237	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Butyl benzyl phthalate	238	U	391	238	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
4-Chloroaniline	78.2	U *	391	78.2	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2-Chloronaphthalene	255	U	391	255	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
4-Chlorophenyl phenyl ether	235	U	391	235	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Carbazole	242	U	391	242	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Chrysene	239	U	391	239	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Di-n-butyl phthalate	252	U	391	252	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Dibenz(a,h)anthracene	225	U	391	225	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Dibenzofuran	233	U	391	233	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
3,3'-Dichlorobenzidine	75.4	U	782	75.4	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Diethyl phthalate	242	U	391	242	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Dimethyl phthalate	237	U	391	237	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2,4-Dinitrotoluene	39.0	U	391	39.0	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2,6-Dinitrotoluene	248	U	391	248	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Di-n-octyl phthalate	253	U	391	253	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Fluoranthene	250	U	391	250	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Fluorene	241	U	391	241	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Hexachlorobenzene	247	U	391	247	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Hexachlorocyclopentadiene	26.4	U	391	26.4	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Hexachloroethane	35.5	U	391	35.5	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Hexachlorobutadiene	40.2	U	391	40.2	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Indeno[1,2,3-cd]pyrene	215	U	391	215	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Isophorone	230	U	391	230	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2-Methylnaphthalene	224	U	391	224	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Naphthalene	22.9	U	391	22.9	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2-Nitroaniline	231	U	1900	231	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
3-Nitroaniline	251	U	1900	251	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
4-Nitroaniline	214	U	1900	214	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Nitrobenzene	56.2	U	391	56.2	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
N-Nitrosodiphenylamine	37.4	U	391	37.4	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
N-Nitrosodi-n-propylamine	33.9	U	391	33.9	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Phenanthrene	241	U	391	241	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Pyrene	262	U	391	262	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
4-Chloro-3-methylphenol	228	U	391	228	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2-Chlorophenol	27.6	U	391	27.6	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2-Methylphenol	44.9	U	391	44.9	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
3 & 4 Methylphenol	35.6	U	782	35.6	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1

Client Sample ID: 3006-SS-2
Date Collected: 11/07/18 09:43
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-2
Matrix: Solid
Percent Solids: 84.3

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	216	U	391	216	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2,4-Dimethylphenol	75.4	U	391	75.4	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
4,6-Dinitro-2-methylphenol	245	U	1900	245	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2,4-Dinitrophenol	152	U	1900	152	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2-Nitrophenol	213	U	391	213	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
4-Nitrophenol	213	U	1900	213	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Pentachlorophenol	26.2	U	1900	26.2	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Phenol	44.3	U	391	44.3	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2,4,5-Trichlorophenol	73.6	U	391	73.6	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
2,4,6-Trichlorophenol	213	U	391	213	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
bis (2-Chloroisopropyl) ether	41.0	U	391	41.0	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
1,1'-Biphenyl	49.2	U	391	49.2	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1
Acetophenone	45.4	U	391	45.4	ug/Kg	☼	11/09/18 11:36	11/12/18 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*72*		*10 - 150*	*11/09/18 11:36*	*11/12/18 21:09*	*1*
2-Fluorophenol	*64*		*25 - 132*	*11/09/18 11:36*	*11/12/18 21:09*	*1*
2-Fluorobiphenyl	*73*		*38 - 130*	*11/09/18 11:36*	*11/12/18 21:09*	*1*
2,4,6-Tribromophenol	*79*		*10 - 148*	*11/09/18 11:36*	*11/12/18 21:09*	*1*
Terphenyl-d14	*80*		*53 - 134*	*11/09/18 11:36*	*11/12/18 21:09*	*1*
Phenol-d5 (Surr)	*72*		*27 - 123*	*11/09/18 11:36*	*11/12/18 21:09*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.92	U	3.90	1.92	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
4,4'-DDE	1.72	U	3.90	1.72	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
4,4'-DDT	2.19	U	3.90	2.19	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Aldrin	**28.5**		2.01	1.55	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
alpha-BHC	1.18	U	2.01	1.18	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
beta-BHC	1.21	U	2.01	1.21	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Chlordane (technical)	27.7	U	88.7	27.7	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
delta-BHC	1.01	U	2.01	1.01	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Endosulfan I	1.18	U	2.01	1.18	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Endosulfan II	1.79	U	3.90	1.79	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Endosulfan sulfate	1.99	U	3.90	1.99	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Endrin	1.81	U	3.90	1.81	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Endrin aldehyde	1.85	U	3.90	1.85	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Endrin ketone	**4.25**		3.90	1.82	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
gamma-BHC (Lindane)	1.10	U	2.01	1.10	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Heptachlor	1.10	U	2.01	1.10	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Heptachlor epoxide	1.38	U	2.01	1.38	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Methoxychlor	9.55	U	20.1	9.55	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1
Toxaphene	**326**		201	86.5	ug/Kg	☼	11/13/18 15:06	11/15/18 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*47 - 150*	*11/13/18 15:06*	*11/15/18 20:46*	*1*
Tetrachloro-m-xylene	*75*		*50 - 143*	*11/13/18 15:06*	*11/15/18 20:46*	*1*

Client Sample ID: 3006-SS-2
Lab Sample ID: 600-175885-2
Date Collected: 11/07/18 09:43
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 84.3

Method: 8081A - Organochlorine Pesticides (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	313		39.0	18.8	ug/Kg	☼	11/13/18 15:06	11/20/18 13:21	10
trans-Chlordane	225		39.0	14.8	ug/Kg	☼	11/13/18 15:06	11/20/18 13:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*144*		*47 - 150*	*11/13/18 15:06*	*11/20/18 13:21*	*10*
Tetrachloro-m-xylene	*93*		*50 - 143*	*11/13/18 15:06*	*11/20/18 13:21*	*10*

Method: 8081A - Organochlorine Pesticides (GC) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	2490		195	82.2	ug/Kg	☼	11/13/18 15:06	11/20/18 13:46	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*47 - 150*	*11/13/18 15:06*	*11/20/18 13:46*	*50*
Tetrachloro-m-xylene	*108*		*50 - 143*	*11/13/18 15:06*	*11/20/18 13:46*	*50*

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	1.34	U	15.7	1.34	ug/Kg	☼	11/08/18 15:42	11/12/18 18:47	1
2,4-DB	2.60	U	15.7	2.60	ug/Kg	☼	11/08/18 15:42	11/12/18 18:47	1
Dicamba	1.81	U	15.7	1.81	ug/Kg	☼	11/08/18 15:42	11/12/18 18:47	1
Dichlorprop	1.77	U	15.7	1.77	ug/Kg	☼	11/08/18 15:42	11/12/18 18:47	1
Dinoseb	1.26	U	15.7	1.26	ug/Kg	☼	11/08/18 15:42	11/12/18 18:47	1
Mecoprop	181	U	1570	181	ug/Kg	☼	11/08/18 15:42	11/12/18 18:47	1
MCPA	256	U	1570	256	ug/Kg	☼	11/08/18 15:42	11/12/18 18:47	1
2,4,5-T	1.73	U	15.7	1.73	ug/Kg	☼	11/08/18 15:42	11/12/18 18:47	1
Silvex (2,4,5-TP)	1.69	U	15.7	1.69	ug/Kg	☼	11/08/18 15:42	11/12/18 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*42*		*22 - 130*	*11/08/18 15:42*	*11/12/18 18:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15.7		1.0	1.0	%			11/09/18 08:20	1
Percent Solids	84.3		1.0	1.0	%			11/09/18 08:20	1

Client Sample ID: 3006-SS-3
Lab Sample ID: 600-175885-3
Date Collected: 11/07/18 09:53
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 91.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.61	U	9.72	1.61	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Benzene	0.612	U	4.86	0.612	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Chlorobromomethane	1.73	U	4.86	1.73	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Bromoform	1.33	U	4.86	1.33	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Bromomethane	0.807	U	9.72	0.807	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
2-Butanone (MEK)	1.85	U	9.72	1.85	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Carbon disulfide	0.535	U *	9.72	0.535	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Carbon tetrachloride	1.10	U	4.86	1.10	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Dibromochloromethane	0.914	U	4.86	0.914	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Chlorobenzene	0.933	U	4.86	0.933	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1

Client Sample ID: 3006-SS-3
Date Collected: 11/07/18 09:53
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-3
Matrix: Solid
Percent Solids: 91.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.36	U	9.72	1.36	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Chloroform	0.642	U	9.72	0.642	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Chloromethane	1.61	U	9.72	1.61	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,1-Dichloroethane	0.846	U	4.86	0.846	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,2-Dichloroethane	0.875	U	4.86	0.875	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,1-Dichloroethene	1.19	U	4.86	1.19	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
cis-1,2-Dichloroethene	0.807	U	4.86	0.807	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
trans-1,2-Dichloroethene	1.11	U	4.86	1.11	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,2-Dichloropropane	0.690	U	4.86	0.690	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
cis-1,3-Dichloropropene	0.525	U	4.86	0.525	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
trans-1,3-Dichloropropene	0.564	U	4.86	0.564	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Ethylbenzene	0.992	U	4.86	0.992	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
2-Hexanone	0.982	U	9.72	0.982	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Methylene Chloride	2.13	U	9.72	2.13	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
4-Methyl-2-pentanone (MIBK)	1.43	U	9.72	1.43	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Styrene	0.690	U	4.86	0.690	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,1,2,2-Tetrachloroethane	0.846	U	4.86	0.846	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Tetrachloroethene	0.690	U	4.86	0.690	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Toluene	1.34	U	4.86	1.34	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,1,1-Trichloroethane	0.719	U	4.86	0.719	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,1,2-Trichloroethane	0.710	U	38.9	0.710	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Trichloroethene	1.36	U	4.86	1.36	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Vinyl acetate	0.904	U	9.72	0.904	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Vinyl chloride	0.875	U	9.72	0.875	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
o-Xylene	1.10	U	4.86	1.10	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
m-Xylene & p-Xylene	1.48	U	4.86	1.48	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Xylenes, Total	1.10	U	4.86	1.10	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Bromodichloromethane	0.642	U	4.86	0.642	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.40	U	4.86	1.40	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,2,4-Trichlorobenzene	1.92	U	4.86	1.92	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,2-Dibromo-3-Chloropropane	2.37	U	4.86	2.37	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,2-Dichlorobenzene	0.778	U	4.86	0.778	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,3-Dichlorobenzene	0.690	U	4.86	0.690	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,4-Dichlorobenzene	0.642	U	4.86	0.642	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Dichlorodifluoromethane	1.50	U	4.86	1.50	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
1,2-Dibromoethane	0.992	U	4.86	0.992	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Isopropylbenzene	0.894	U	4.86	0.894	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Methyl tert-butyl ether	1.78	U	4.86	1.78	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1
Cyclohexane	1.87	U	4.86	1.87	ug/Kg	☼	11/08/18 08:20	11/08/18 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*80*		*50 - 130*	*11/08/18 08:20*	*11/08/18 16:30*	*1*
Dibromofluoromethane	*97*		*68 - 140*	*11/08/18 08:20*	*11/08/18 16:30*	*1*
4-Bromofluorobenzene	*90*		*57 - 140*	*11/08/18 08:20*	*11/08/18 16:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*61 - 130*	*11/08/18 08:20*	*11/08/18 16:30*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1040	U	1810	1040	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Acenaphthylene	1060	U	1810	1060	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5

Client Sample ID: 3006-SS-3
Lab Sample ID: 600-175885-3
Date Collected: 11/07/18 09:53
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 91.0

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	1140	U	1810	1140	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Benzo[a]anthracene	1140	U	1810	1140	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Benzo[b]fluoranthene	**662**	**J**	1810	106	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Benzo[k]fluoranthene	162	U	1810	162	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Benzo[g,h,i]perylene	963	U	1810	963	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Benzo[a]pyrene	1020	U	1810	1020	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Bis(2-chloroethoxy)methane	1020	U	1810	1020	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Bis(2-chloroethyl)ether	181	U	1810	181	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Bis(2-ethylhexyl) phthalate	1100	U	1810	1100	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
4-Bromophenyl phenyl ether	1100	U	1810	1100	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Butyl benzyl phthalate	1100	U	1810	1100	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
4-Chloroaniline	362	U *	1810	362	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2-Chloronaphthalene	1180	U	1810	1180	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
4-Chlorophenyl phenyl ether	1090	U	1810	1090	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Carbazole	1120	U	1810	1120	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Chrysene	1110	U	1810	1110	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Di-n-butyl phthalate	1170	U	1810	1170	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Dibenz(a,h)anthracene	1040	U	1810	1040	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Dibenzofuran	1080	U	1810	1080	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
3,3'-Dichlorobenzidine	349	U	3630	349	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Diethyl phthalate	1120	U	1810	1120	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Dimethyl phthalate	1100	U	1810	1100	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2,4-Dinitrotoluene	181	U	1810	181	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2,6-Dinitrotoluene	1150	U	1810	1150	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Di-n-octyl phthalate	1170	U	1810	1170	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Fluoranthene	1160	U	1810	1160	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Fluorene	1120	U	1810	1120	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Hexachlorobenzene	1140	U	1810	1140	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Hexachlorocyclopentadiene	122	U	1810	122	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Hexachloroethane	164	U	1810	164	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Hexachlorobutadiene	186	U	1810	186	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Indeno[1,2,3-cd]pyrene	994	U	1810	994	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Isophorone	1060	U	1810	1060	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2-Methylnaphthalene	1040	U	1810	1040	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Naphthalene	106	U	1810	106	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2-Nitroaniline	1070	U	8790	1070	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
3-Nitroaniline	1160	U	8790	1160	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
4-Nitroaniline	991	U	8790	991	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Nitrobenzene	260	U	1810	260	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
N-Nitrosodiphenylamine	173	U	1810	173	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
N-Nitrosodi-n-propylamine	157	U	1810	157	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Phenanthrene	1110	U	1810	1110	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Pyrene	1210	U	1810	1210	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
4-Chloro-3-methylphenol	1050	U	1810	1050	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2-Chlorophenol	128	U	1810	128	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2-Methylphenol	208	U	1810	208	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
3 & 4 Methylphenol	165	U	3630	165	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2,4-Dichlorophenol	1000	U	1810	1000	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2,4-Dimethylphenol	349	U	1810	349	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5

Client Sample ID: 3006-SS-3
Date Collected: 11/07/18 09:53
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-3
Matrix: Solid
Percent Solids: 91.0

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	1140	U	8790	1140	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2,4-Dinitrophenol	703	U	8790	703	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2-Nitrophenol	988	U	1810	988	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
4-Nitrophenol	988	U	8790	988	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Pentachlorophenol	121	U	8790	121	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Phenol	205	U	1810	205	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2,4,5-Trichlorophenol	341	U	1810	341	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
2,4,6-Trichlorophenol	989	U	1810	989	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
bis (2-Chloroisopropyl) ether	190	U	1810	190	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
1,1'-Biphenyl	228	U	1810	228	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5
Acetophenone	211	U	1810	211	ug/Kg	☼	11/09/18 11:36	11/12/18 21:42	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*75*		*10 - 150*	*11/09/18 11:36*	*11/12/18 21:42*	*5*
2-Fluorophenol	*68*		*25 - 132*	*11/09/18 11:36*	*11/12/18 21:42*	*5*
2-Fluorobiphenyl	*75*		*38 - 130*	*11/09/18 11:36*	*11/12/18 21:42*	*5*
2,4,6-Tribromophenol	*67*		*10 - 148*	*11/09/18 11:36*	*11/12/18 21:42*	*5*
Terphenyl-d14	*81*		*53 - 134*	*11/09/18 11:36*	*11/12/18 21:42*	*5*
Phenol-d5 (Surr)	*70*		*27 - 123*	*11/09/18 11:36*	*11/12/18 21:42*	*5*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.78	U	3.62	1.78	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
4,4'-DDE	1.59	U	3.62	1.59	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
4,4'-DDT	2.03	U	3.62	2.03	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Aldrin	1.44	U	1.87	1.44	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
alpha-BHC	1.10	U	1.87	1.10	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
cis-Chlordane	**2.77**	**J**	3.62	1.75	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
beta-BHC	1.12	U	1.87	1.12	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Chlordane (technical)	25.7	U	82.3	25.7	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
delta-BHC	0.933	U	1.87	0.933	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Dieldrin	**11.5**		3.62	1.53	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Endosulfan I	1.10	U	1.87	1.10	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Endosulfan II	1.66	U	3.62	1.66	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Endosulfan sulfate	1.84	U	3.62	1.84	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Endrin	1.68	U	3.62	1.68	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Endrin aldehyde	1.71	U	3.62	1.71	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Endrin ketone	1.69	U	3.62	1.69	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
gamma-BHC (Lindane)	1.02	U	1.87	1.02	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
trans-Chlordane	**2.14**	**J p**	3.62	1.37	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Heptachlor	1.02	U	1.87	1.02	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Heptachlor epoxide	1.28	U	1.87	1.28	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Methoxychlor	8.86	U	18.7	8.86	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1
Toxaphene	80.2	U	187	80.2	ug/Kg	☼	11/13/18 15:06	11/15/18 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*47 - 150*	*11/13/18 15:06*	*11/15/18 21:11*	*1*
Tetrachloro-m-xylene	*69*		*50 - 143*	*11/13/18 15:06*	*11/15/18 21:11*	*1*

Client Sample ID: 3006-SS-3
Lab Sample ID: 600-175885-3
Date Collected: 11/07/18 09:53
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 91.0

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	1.24	U	14.6	1.24	ug/Kg	☼	11/08/18 15:42	11/12/18 19:11	1
2,4-DB	2.41	U	14.6	2.41	ug/Kg	☼	11/08/18 15:42	11/12/18 19:11	1
Dicamba	1.68	U	14.6	1.68	ug/Kg	☼	11/08/18 15:42	11/12/18 19:11	1
Dichlorprop	1.64	U	14.6	1.64	ug/Kg	☼	11/08/18 15:42	11/12/18 19:11	1
Dinoseb	1.17	U	14.6	1.17	ug/Kg	☼	11/08/18 15:42	11/12/18 19:11	1
Mecoprop	167	U	1460	167	ug/Kg	☼	11/08/18 15:42	11/12/18 19:11	1
MCPA	237	U	1460	237	ug/Kg	☼	11/08/18 15:42	11/12/18 19:11	1
2,4,5-T	1.60	U	14.6	1.60	ug/Kg	☼	11/08/18 15:42	11/12/18 19:11	1
Silvex (2,4,5-TP)	1.57	U	14.6	1.57	ug/Kg	☼	11/08/18 15:42	11/12/18 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*59*		*22 - 130*	*11/08/18 15:42*	*11/12/18 19:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.0**		1.0	1.0	%			11/09/18 08:20	1
Percent Solids	**91.0**		1.0	1.0	%			11/09/18 08:20	1

Client Sample ID: 3006-SS-4
Lab Sample ID: 600-175885-4
Date Collected: 11/07/18 09:57
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 86.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.78	U	10.7	1.78	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Benzene	0.674	U	5.35	0.674	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Chlorobromomethane	1.90	U	5.35	1.90	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Bromoform	1.47	U	5.35	1.47	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Bromomethane	0.888	U	10.7	0.888	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
2-Butanone (MEK)	2.03	U	10.7	2.03	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Carbon disulfide	0.588	U *	10.7	0.588	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Carbon tetrachloride	1.21	U	5.35	1.21	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Dibromochloromethane	1.01	U	5.35	1.01	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Chlorobenzene	1.03	U	5.35	1.03	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Chloroethane	1.50	U	10.7	1.50	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Chloroform	0.706	U	10.7	0.706	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Chloromethane	1.78	U	10.7	1.78	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,1-Dichloroethane	0.931	U	5.35	0.931	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,2-Dichloroethane	0.963	U	5.35	0.963	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,1-Dichloroethene	1.30	U	5.35	1.30	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
cis-1,2-Dichloroethene	0.888	U	5.35	0.888	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
trans-1,2-Dichloroethene	1.22	U	5.35	1.22	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,2-Dichloropropane	0.759	U	5.35	0.759	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
cis-1,3-Dichloropropene	0.578	U	5.35	0.578	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
trans-1,3-Dichloropropene	0.620	U	5.35	0.620	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Ethylbenzene	1.09	U	5.35	1.09	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
2-Hexanone	1.08	U	10.7	1.08	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Methylene Chloride	2.34	U	10.7	2.34	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
4-Methyl-2-pentanone (MIBK)	1.57	U	10.7	1.57	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Styrene	0.759	U	5.35	0.759	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1

Client Sample ID: 3006-SS-4
Date Collected: 11/07/18 09:57
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-4
Matrix: Solid
Percent Solids: 86.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.931	U	5.35	0.931	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Tetrachloroethene	0.759	U	5.35	0.759	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Toluene	1.48	U	5.35	1.48	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,1,1-Trichloroethane	0.792	U	5.35	0.792	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,1,2-Trichloroethane	0.781	U	42.8	0.781	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Trichloroethene	1.50	U	5.35	1.50	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Vinyl acetate	0.995	U	10.7	0.995	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Vinyl chloride	0.963	U	10.7	0.963	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
o-Xylene	1.21	U	5.35	1.21	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
m-Xylene & p-Xylene	1.63	U	5.35	1.63	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Xylenes, Total	1.21	U	5.35	1.21	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Bromodichloromethane	0.706	U	5.35	0.706	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.54	U	5.35	1.54	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,2,4-Trichlorobenzene	2.11	U	5.35	2.11	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,2-Dibromo-3-Chloropropane	2.61	U	5.35	2.61	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,2-Dichlorobenzene	0.856	U	5.35	0.856	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,3-Dichlorobenzene	0.759	U	5.35	0.759	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,4-Dichlorobenzene	0.706	U	5.35	0.706	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Dichlorodifluoromethane	1.65	U	5.35	1.65	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
1,2-Dibromoethane	1.09	U	5.35	1.09	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Isopropylbenzene	0.984	U	5.35	0.984	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Methyl tert-butyl ether	1.96	U	5.35	1.96	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1
Cyclohexane	2.05	U	5.35	2.05	ug/Kg	☼	11/08/18 08:20	11/08/18 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*50 - 130*	*11/08/18 08:20*	*11/08/18 16:54*	*1*
Dibromofluoromethane	*88*		*68 - 140*	*11/08/18 08:20*	*11/08/18 16:54*	*1*
4-Bromofluorobenzene	*94*		*57 - 140*	*11/08/18 08:20*	*11/08/18 16:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*61 - 130*	*11/08/18 08:20*	*11/08/18 16:54*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1090	U	1910	1090	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Acenaphthylene	1110	U	1910	1110	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Anthracene	1200	U	1910	1200	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Benzo[a]anthracene	1200	U	1910	1200	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Benzo[b]fluoranthene	112	U	1910	112	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Benzo[k]fluoranthene	170	U	1910	170	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Benzo[g,h,i]perylene	1010	U	1910	1010	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Benzo[a]pyrene	1070	U	1910	1070	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Bis(2-chloroethoxy)methane	1080	U	1910	1080	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Bis(2-chloroethyl)ether	190	U	1910	190	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Bis(2-ethylhexyl) phthalate	1160	U	1910	1160	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
4-Bromophenyl phenyl ether	1160	U	1910	1160	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Butyl benzyl phthalate	1160	U	1910	1160	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
4-Chloroaniline	381	U *	1910	381	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2-Chloronaphthalene	1240	U	1910	1240	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
4-Chlorophenyl phenyl ether	1150	U	1910	1150	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Carbazole	1180	U	1910	1180	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Chrysene	1170	U	1910	1170	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5

Client Sample ID: 3006-SS-4
Date Collected: 11/07/18 09:57
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-4
Matrix: Solid
Percent Solids: 86.6

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	1230	U	1910	1230	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Dibenz(a,h)anthracene	1100	U	1910	1100	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Dibenzofuran	1140	U	1910	1140	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
3,3'-Dichlorobenzidine	367	U	3810	367	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Diethyl phthalate	1180	U	1910	1180	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Dimethyl phthalate	1150	U	1910	1150	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2,4-Dinitrotoluene	190	U	1910	190	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2,6-Dinitrotoluene	1210	U	1910	1210	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Di-n-octyl phthalate	1230	U	1910	1230	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Fluoranthene	1220	U	1910	1220	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Fluorene	1170	U	1910	1170	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Hexachlorobenzene	1200	U	1910	1200	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Hexachlorocyclopentadiene	129	U	1910	129	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Hexachloroethane	173	U	1910	173	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Hexachlorobutadiene	196	U	1910	196	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Indeno[1,2,3-cd]pyrene	1050	U	1910	1050	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Isophorone	1120	U	1910	1120	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2-Methylnaphthalene	1090	U	1910	1090	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Naphthalene	111	U	1910	111	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2-Nitroaniline	1120	U	9240	1120	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
3-Nitroaniline	1220	U	9240	1220	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
4-Nitroaniline	1040	U	9240	1040	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Nitrobenzene	274	U	1910	274	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
N-Nitrosodiphenylamine	182	U	1910	182	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
N-Nitrosodi-n-propylamine	165	U	1910	165	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Phenanthrene	1170	U	1910	1170	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Pyrene	1280	U	1910	1280	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
4-Chloro-3-methylphenol	1110	U	1910	1110	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2-Chlorophenol	135	U	1910	135	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2-Methylphenol	219	U	1910	219	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
3 & 4 Methylphenol	174	U	3810	174	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2,4-Dichlorophenol	1060	U	1910	1060	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2,4-Dimethylphenol	367	U	1910	367	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
4,6-Dinitro-2-methylphenol	1200	U	9240	1200	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2,4-Dinitrophenol	739	U	9240	739	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2-Nitrophenol	1040	U	1910	1040	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
4-Nitrophenol	1040	U	9240	1040	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Pentachlorophenol	128	U	9240	128	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Phenol	216	U	1910	216	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2,4,5-Trichlorophenol	359	U	1910	359	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
2,4,6-Trichlorophenol	1040	U	1910	1040	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
bis (2-Chloroisopropyl) ether	200	U	1910	200	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
1,1'-Biphenyl	240	U	1910	240	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5
Acetophenone	221	U	1910	221	ug/Kg	☼	11/09/18 11:36	11/12/18 22:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*69*		*10 - 150*	*11/09/18 11:36*	*11/12/18 22:15*	*5*
2-Fluorophenol	*61*		*25 - 132*	*11/09/18 11:36*	*11/12/18 22:15*	*5*
2-Fluorobiphenyl	*67*		*38 - 130*	*11/09/18 11:36*	*11/12/18 22:15*	*5*
2,4,6-Tribromophenol	*71*		*10 - 148*	*11/09/18 11:36*	*11/12/18 22:15*	*5*

Client Sample ID: 3006-SS-4
Date Collected: 11/07/18 09:57
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-4
Matrix: Solid
Percent Solids: 86.6

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	*69*		*53 - 134*	*11/09/18 11:36*	*11/12/18 22:15*	*5*
Phenol-d5 (Surr)	*66*		*27 - 123*	*11/09/18 11:36*	*11/12/18 22:15*	*5*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.86	U	3.80	1.86	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
4,4'-DDE	1.67	U	3.80	1.67	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
4,4'-DDT	**3.34**	**J**	3.80	2.13	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Aldrin	1.51	U	1.96	1.51	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
alpha-BHC	1.15	U	1.96	1.15	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
cis-Chlordane	1.83	U	3.80	1.83	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
beta-BHC	1.17	U	1.96	1.17	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Chlordane (technical)	26.9	U	86.3	26.9	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
delta-BHC	0.978	U	1.96	0.978	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Dieldrin	**8.40**		3.80	1.60	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Endosulfan I	1.15	U	1.96	1.15	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Endosulfan II	1.74	U	3.80	1.74	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Endosulfan sulfate	1.93	U	3.80	1.93	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Endrin	1.76	U	3.80	1.76	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Endrin aldehyde	1.79	U	3.80	1.79	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Endrin ketone	1.77	U	3.80	1.77	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
gamma-BHC (Lindane)	1.07	U	1.96	1.07	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
trans-Chlordane	1.44	U	3.80	1.44	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Heptachlor	1.07	U	1.96	1.07	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Heptachlor epoxide	1.35	U	1.96	1.35	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Methoxychlor	9.29	U	19.6	9.29	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1
Toxaphene	84.1	U	196	84.1	ug/Kg	☼	11/13/18 15:06	11/15/18 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*100*		*47 - 150*	*11/13/18 15:06*	*11/15/18 21:35*	*1*
Tetrachloro-m-xylene	*71*		*50 - 143*	*11/13/18 15:06*	*11/15/18 21:35*	*1*

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	1.30	U	15.3	1.30	ug/Kg	☼	11/08/18 15:42	11/12/18 19:36	1
2,4-DB	2.53	U	15.3	2.53	ug/Kg	☼	11/08/18 15:42	11/12/18 19:36	1
Dicamba	1.76	U	15.3	1.76	ug/Kg	☼	11/08/18 15:42	11/12/18 19:36	1
Dichlorprop	1.72	U	15.3	1.72	ug/Kg	☼	11/08/18 15:42	11/12/18 19:36	1
Dinoseb	1.22	U	15.3	1.22	ug/Kg	☼	11/08/18 15:42	11/12/18 19:36	1
Mecoprop	176	U	1530	176	ug/Kg	☼	11/08/18 15:42	11/12/18 19:36	1
MCPA	249	U	1530	249	ug/Kg	☼	11/08/18 15:42	11/12/18 19:36	1
2,4,5-T	1.68	U	15.3	1.68	ug/Kg	☼	11/08/18 15:42	11/12/18 19:36	1
Silvex (2,4,5-TP)	1.65	U	15.3	1.65	ug/Kg	☼	11/08/18 15:42	11/12/18 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*52*		*22 - 130*	*11/08/18 15:42*	*11/12/18 19:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.4**		1.0	1.0	%			11/09/18 08:20	1

Client Sample ID: 3006-SS-4
Lab Sample ID: 600-175885-4
Date Collected: 11/07/18 09:57
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 86.6

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86.6		1.0	1.0	%			11/09/18 08:20	1

Client Sample ID: 3006-SS-5
Lab Sample ID: 600-175885-5
Date Collected: 11/07/18 10:05
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 84.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.95	U	11.8	1.95	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Benzene	0.741	U	5.88	0.741	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Chlorobromomethane	2.09	U	5.88	2.09	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Bromoform	1.61	U	5.88	1.61	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Bromomethane	0.976	U	11.8	0.976	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
2-Butanone (MEK)	2.23	U	11.8	2.23	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Carbon disulfide	0.647	U *	11.8	0.647	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Carbon tetrachloride	1.33	U	5.88	1.33	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Dibromochloromethane	1.11	U	5.88	1.11	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Chlorobenzene	1.13	U	5.88	1.13	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Chloroethane	1.65	U	11.8	1.65	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Chloroform	0.776	U	11.8	0.776	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Chloromethane	1.95	U	11.8	1.95	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,1-Dichloroethane	1.02	U	5.88	1.02	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,2-Dichloroethane	1.06	U	5.88	1.06	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,1-Dichloroethene	1.43	U	5.88	1.43	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
cis-1,2-Dichloroethene	0.976	U	5.88	0.976	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
trans-1,2-Dichloroethene	1.34	U	5.88	1.34	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,2-Dichloropropane	0.835	U	5.88	0.835	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
cis-1,3-Dichloropropene	0.635	U	5.88	0.635	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
trans-1,3-Dichloropropene	0.682	U	5.88	0.682	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Ethylbenzene	1.20	U	5.88	1.20	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
2-Hexanone	1.19	U	11.8	1.19	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Methylene Chloride	2.58	U	11.8	2.58	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
4-Methyl-2-pentanone (MIBK)	1.73	U	11.8	1.73	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Styrene	0.835	U	5.88	0.835	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,1,2,2-Tetrachloroethane	1.02	U	5.88	1.02	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Tetrachloroethene	0.835	U	5.88	0.835	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Toluene	1.62	U	5.88	1.62	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,1,1-Trichloroethane	0.870	U	5.88	0.870	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,1,2-Trichloroethane	0.859	U	47.0	0.859	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Trichloroethene	1.65	U	5.88	1.65	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Vinyl acetate	1.09	U	11.8	1.09	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Vinyl chloride	1.06	U	11.8	1.06	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
o-Xylene	1.33	U	5.88	1.33	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
m-Xylene & p-Xylene	1.79	U	5.88	1.79	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Xylenes, Total	1.33	U	5.88	1.33	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Bromodichloromethane	0.776	U	5.88	0.776	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.69	U	5.88	1.69	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,2,4-Trichlorobenzene	2.32	U	5.88	2.32	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,2-Dibromo-3-Chloropropane	2.87	U	5.88	2.87	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,2-Dichlorobenzene	0.941	U	5.88	0.941	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1

Client Sample ID: 3006-SS-5
Date Collected: 11/07/18 10:05
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-5
Matrix: Solid
Percent Solids: 84.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.835	U	5.88	0.835	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,4-Dichlorobenzene	0.776	U	5.88	0.776	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Dichlorodifluoromethane	1.81	U	5.88	1.81	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
1,2-Dibromoethane	1.20	U	5.88	1.20	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Isopropylbenzene	1.08	U	5.88	1.08	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Methyl tert-butyl ether	2.15	U	5.88	2.15	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1
Cyclohexane	2.26	U	5.88	2.26	ug/Kg	☼	11/08/18 08:20	11/08/18 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*75*		*50 - 130*	*11/08/18 08:20*	*11/08/18 17:18*	*1*
Dibromofluoromethane	*86*		*68 - 140*	*11/08/18 08:20*	*11/08/18 17:18*	*1*
4-Bromofluorobenzene	*94*		*57 - 140*	*11/08/18 08:20*	*11/08/18 17:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*61 - 130*	*11/08/18 08:20*	*11/08/18 17:18*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1120	U	1950	1120	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Acenaphthylene	1140	U	1950	1140	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Anthracene	1220	U	1950	1220	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Benzo[a]anthracene	1220	U	1950	1220	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Benzo[b]fluoranthene	114	U	1950	114	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Benzo[k]fluoranthene	174	U	1950	174	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Benzo[g,h,i]perylene	1030	U	1950	1030	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Benzo[a]pyrene	1090	U	1950	1090	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Bis(2-chloroethoxy)methane	1100	U	1950	1100	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Bis(2-chloroethyl)ether	195	U	1950	195	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Bis(2-ethylhexyl) phthalate	1180	U	1950	1180	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
4-Bromophenyl phenyl ether	1180	U	1950	1180	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Butyl benzyl phthalate	1180	U	1950	1180	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
4-Chloroaniline	390	U *	1950	390	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2-Chloronaphthalene	1270	U	1950	1270	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
4-Chlorophenyl phenyl ether	1170	U	1950	1170	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Carbazole	1200	U	1950	1200	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Chrysene	1190	U	1950	1190	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Di-n-butyl phthalate	1260	U	1950	1260	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Dibenz(a,h)anthracene	1120	U	1950	1120	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Dibenzofuran	1160	U	1950	1160	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
3,3'-Dichlorobenzidine	375	U	3900	375	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Diethyl phthalate	1210	U	1950	1210	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Dimethyl phthalate	1180	U	1950	1180	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2,4-Dinitrotoluene	194	U	1950	194	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2,6-Dinitrotoluene	1240	U	1950	1240	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Di-n-octyl phthalate	1260	U	1950	1260	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Fluoranthene	1240	U	1950	1240	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Fluorene	1200	U	1950	1200	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Hexachlorobenzene	1230	U	1950	1230	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Hexachlorocyclopentadiene	131	U	1950	131	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Hexachloroethane	177	U	1950	177	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Hexachlorobutadiene	200	U	1950	200	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Indeno[1,2,3-cd]pyrene	1070	U	1950	1070	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5

Client Sample ID: 3006-SS-5
Date Collected: 11/07/18 10:05
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-5
Matrix: Solid
Percent Solids: 84.7

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	1140	U	1950	1140	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2-Methylnaphthalene	1120	U	1950	1120	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Naphthalene	114	U	1950	114	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2-Nitroaniline	1150	U	9450	1150	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
3-Nitroaniline	1250	U	9450	1250	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
4-Nitroaniline	1070	U	9450	1070	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Nitrobenzene	280	U	1950	280	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
N-Nitrosodiphenylamine	186	U	1950	186	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
N-Nitrosodi-n-propylamine	169	U	1950	169	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Phenanthrene	1200	U	1950	1200	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Pyrene	1300	U	1950	1300	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
4-Chloro-3-methylphenol	1130	U	1950	1130	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2-Chlorophenol	138	U	1950	138	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2-Methylphenol	224	U	1950	224	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
3 & 4 Methylphenol	178	U	3900	178	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2,4-Dichlorophenol	1080	U	1950	1080	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2,4-Dimethylphenol	376	U	1950	376	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
4,6-Dinitro-2-methylphenol	1220	U	9450	1220	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2,4-Dinitrophenol	755	U	9450	755	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2-Nitrophenol	1060	U	1950	1060	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
4-Nitrophenol	1060	U	9450	1060	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Pentachlorophenol	131	U	9450	131	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Phenol	221	U	1950	221	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2,4,5-Trichlorophenol	367	U	1950	367	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
2,4,6-Trichlorophenol	1060	U	1950	1060	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
bis (2-Chloroisopropyl) ether	204	U	1950	204	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
1,1'-Biphenyl	245	U	1950	245	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5
Acetophenone	226	U	1950	226	ug/Kg	☼	11/09/18 11:36	11/12/18 22:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*64*		*10 - 150*	*11/09/18 11:36*	*11/12/18 22:48*	*5*
2-Fluorophenol	*67*		*25 - 132*	*11/09/18 11:36*	*11/12/18 22:48*	*5*
2-Fluorobiphenyl	*76*		*38 - 130*	*11/09/18 11:36*	*11/12/18 22:48*	*5*
2,4,6-Tribromophenol	*69*		*10 - 148*	*11/09/18 11:36*	*11/12/18 22:48*	*5*
Terphenyl-d14	*80*		*53 - 134*	*11/09/18 11:36*	*11/12/18 22:48*	*5*
Phenol-d5 (Surr)	*72*		*27 - 123*	*11/09/18 11:36*	*11/12/18 22:48*	*5*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.90	U	3.88	1.90	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
4,4'-DDE	1.70	U	3.88	1.70	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
4,4'-DDT	2.17	U	3.88	2.17	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Aldrin	1.54	U	2.00	1.54	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
alpha-BHC	1.18	U	2.00	1.18	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
cis-Chlordane	1.87	U	3.88	1.87	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
beta-BHC	1.20	U	2.00	1.20	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Chlordane (technical)	27.5	U	88.1	27.5	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
delta-BHC	0.999	U	2.00	0.999	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Dieldrin	**7.14**		3.88	1.63	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Endosulfan I	1.18	U	2.00	1.18	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1

Client Sample ID: 3006-SS-5
Lab Sample ID: 600-175885-5
Date Collected: 11/07/18 10:05
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 84.7

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	1.77	U	3.88	1.77	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Endosulfan sulfate	1.97	U	3.88	1.97	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Endrin	1.80	U	3.88	1.80	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Endrin aldehyde	1.83	U	3.88	1.83	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Endrin ketone	1.81	U	3.88	1.81	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
gamma-BHC (Lindane)	1.09	U	2.00	1.09	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
trans-Chlordane	1.47	U	3.88	1.47	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Heptachlor	1.09	U	2.00	1.09	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Heptachlor epoxide	1.38	U	2.00	1.38	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Methoxychlor	9.48	U	20.0	9.48	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1
Toxaphene	85.9	U	200	85.9	ug/Kg	☼	11/13/18 15:06	11/15/18 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*47 - 150*	*11/13/18 15:06*	*11/15/18 22:00*	*1*
Tetrachloro-m-xylene	*74*		*50 - 143*	*11/13/18 15:06*	*11/15/18 22:00*	*1*

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	1.34	U	15.7	1.34	ug/Kg	☼	11/08/18 15:42	11/12/18 20:00	1
2,4-DB	2.59	U	15.7	2.59	ug/Kg	☼	11/08/18 15:42	11/12/18 20:00	1
Dicamba	1.81	U	15.7	1.81	ug/Kg	☼	11/08/18 15:42	11/12/18 20:00	1
Dichlorprop	1.77	U	15.7	1.77	ug/Kg	☼	11/08/18 15:42	11/12/18 20:00	1
Dinoseb	1.26	U	15.7	1.26	ug/Kg	☼	11/08/18 15:42	11/12/18 20:00	1
Mecoprop	180	U	1570	180	ug/Kg	☼	11/08/18 15:42	11/12/18 20:00	1
MCPA	255	U	1570	255	ug/Kg	☼	11/08/18 15:42	11/12/18 20:00	1
2,4,5-T	1.73	U	15.7	1.73	ug/Kg	☼	11/08/18 15:42	11/12/18 20:00	1
Silvex (2,4,5-TP)	1.69	U	15.7	1.69	ug/Kg	☼	11/08/18 15:42	11/12/18 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*47*		*22 - 130*	*11/08/18 15:42*	*11/12/18 20:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**15.3**		1.0	1.0	%			11/09/18 08:20	1
Percent Solids	**84.7**		1.0	1.0	%			11/09/18 08:20	1

Client Sample ID: 3006-SS-6
Lab Sample ID: 600-175885-6
Date Collected: 11/07/18 10:10
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 73.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.64	U	34.0	5.64	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Benzene	2.14	U	17.0	2.14	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Chlorobromomethane	6.05	U	17.0	6.05	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Bromoform	4.66	U	17.0	4.66	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Bromomethane	2.82	U	34.0	2.82	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
2-Butanone (MEK)	6.46	U	34.0	6.46	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Carbon disulfide	1.87	U *	34.0	1.87	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Carbon tetrachloride	3.84	U	17.0	3.84	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Dibromochloromethane	3.20	U	17.0	3.20	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1

Client Sample ID: 3006-SS-6
Date Collected: 11/07/18 10:10
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-6
Matrix: Solid
Percent Solids: 73.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	3.26	U	17.0	3.26	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Chloroethane	4.76	U	34.0	4.76	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Chloroform	2.24	U	34.0	2.24	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Chloromethane	5.64	U	34.0	5.64	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,1-Dichloroethane	2.96	U	17.0	2.96	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,2-Dichloroethane	3.06	U	17.0	3.06	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,1-Dichloroethene	4.15	U	17.0	4.15	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
cis-1,2-Dichloroethene	2.82	U	17.0	2.82	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
trans-1,2-Dichloroethene	3.88	U	17.0	3.88	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,2-Dichloropropane	2.41	U	17.0	2.41	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
cis-1,3-Dichloropropene	1.84	U	17.0	1.84	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
trans-1,3-Dichloropropene	1.97	U	17.0	1.97	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Ethylbenzene	3.47	U	17.0	3.47	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
2-Hexanone	3.43	U	34.0	3.43	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Methylene Chloride	7.45	U	34.0	7.45	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
4-Methyl-2-pentanone (MIBK)	5.00	U	34.0	5.00	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Styrene	2.41	U	17.0	2.41	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,1,2,2-Tetrachloroethane	2.96	U	17.0	2.96	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Tetrachloroethene	2.41	U	17.0	2.41	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Toluene	4.69	U	17.0	4.69	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,1,1-Trichloroethane	2.52	U	17.0	2.52	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,1,2-Trichloroethane	2.48	U	136	2.48	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Trichloroethene	4.76	U	17.0	4.76	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Vinyl acetate	3.16	U	34.0	3.16	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Vinyl chloride	3.06	U	34.0	3.06	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
o-Xylene	3.84	U	17.0	3.84	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
m-Xylene & p-Xylene	5.17	U	17.0	5.17	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Xylenes, Total	3.84	U	17.0	3.84	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Bromodichloromethane	2.24	U	17.0	2.24	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	4.90	U	17.0	4.90	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,2,4-Trichlorobenzene	6.70	U	17.0	6.70	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,2-Dibromo-3-Chloropropane	8.30	U	17.0	8.30	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,2-Dichlorobenzene	2.72	U	17.0	2.72	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,3-Dichlorobenzene	2.41	U	17.0	2.41	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,4-Dichlorobenzene	2.24	U	17.0	2.24	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Dichlorodifluoromethane	5.24	U	17.0	5.24	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
1,2-Dibromoethane	3.47	U	17.0	3.47	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Isopropylbenzene	3.13	U	17.0	3.13	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Methyl tert-butyl ether	6.22	U	17.0	6.22	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1
Cyclohexane	6.53	U	17.0	6.53	ug/Kg	☼	11/08/18 08:20	11/08/18 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*50 - 130*	*11/08/18 08:20*	*11/08/18 17:42*	*1*
Dibromofluoromethane	*87*		*68 - 140*	*11/08/18 08:20*	*11/08/18 17:42*	*1*
4-Bromofluorobenzene	*89*		*57 - 140*	*11/08/18 08:20*	*11/08/18 17:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*61 - 130*	*11/08/18 08:20*	*11/08/18 17:42*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1280	U	2230	1280	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5

Client Sample ID: 3006-SS-6
Date Collected: 11/07/18 10:10
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-6
Matrix: Solid
Percent Solids: 73.9

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	1300	U	2230	1300	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Anthracene	1400	U	2230	1400	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Benzo[a]anthracene	1400	U	2230	1400	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Benzo[b]fluoranthene	130	U	2230	130	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Benzo[k]fluoranthene	198	U	2230	198	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Benzo[g,h,i]perylene	1180	U	2230	1180	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Benzo[a]pyrene	1250	U	2230	1250	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Bis(2-chloroethoxy)methane	1260	U	2230	1260	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Bis(2-chloroethyl)ether	223	U	2230	223	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Bis(2-ethylhexyl) phthalate	1350	U	2230	1350	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
4-Bromophenyl phenyl ether	1350	U	2230	1350	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Butyl benzyl phthalate	1350	U	2230	1350	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
4-Chloroaniline	445	U *	2230	445	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2-Chloronaphthalene	1450	U	2230	1450	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
4-Chlorophenyl phenyl ether	1340	U	2230	1340	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Carbazole	1370	U	2230	1370	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Chrysene	1360	U	2230	1360	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Di-n-butyl phthalate	1440	U	2230	1440	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Dibenz(a,h)anthracene	1280	U	2230	1280	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Dibenzofuran	1330	U	2230	1330	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
3,3'-Dichlorobenzidine	429	U	4450	429	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Diethyl phthalate	1380	U	2230	1380	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Dimethyl phthalate	1350	U	2230	1350	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2,4-Dinitrotoluene	222	U	2230	222	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2,6-Dinitrotoluene	1410	U	2230	1410	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Di-n-octyl phthalate	1440	U	2230	1440	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Fluoranthene	1420	U	2230	1420	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Fluorene	1370	U	2230	1370	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Hexachlorobenzene	1400	U	2230	1400	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Hexachlorocyclopentadiene	150	U	2230	150	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Hexachloroethane	202	U	2230	202	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Hexachlorobutadiene	229	U	2230	229	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Indeno[1,2,3-cd]pyrene	1220	U	2230	1220	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Isophorone	1310	U	2230	1310	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2-Methylnaphthalene	1280	U	2230	1280	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Naphthalene	130	U	2230	130	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2-Nitroaniline	1310	U	10800	1310	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
3-Nitroaniline	1430	U	10800	1430	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
4-Nitroaniline	1220	U	10800	1220	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Nitrobenzene	320	U	2230	320	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
N-Nitrosodiphenylamine	213	U	2230	213	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
N-Nitrosodi-n-propylamine	193	U	2230	193	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Phenanthrene	1370	U	2230	1370	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Pyrene	1490	U	2230	1490	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
4-Chloro-3-methylphenol	1300	U	2230	1300	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2-Chlorophenol	157	U	2230	157	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2-Methylphenol	255	U	2230	255	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
3 & 4 Methylphenol	203	U	4450	203	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2,4-Dichlorophenol	1230	U	2230	1230	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5

Client Sample ID: 3006-SS-6
Date Collected: 11/07/18 10:10
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-6
Matrix: Solid
Percent Solids: 73.9

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	429	U	2230	429	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
4,6-Dinitro-2-methylphenol	1400	U	10800	1400	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2,4-Dinitrophenol	863	U	10800	863	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2-Nitrophenol	1210	U	2230	1210	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
4-Nitrophenol	1210	U	10800	1210	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Pentachlorophenol	149	U	10800	149	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Phenol	252	U	2230	252	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2,4,5-Trichlorophenol	419	U	2230	419	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
2,4,6-Trichlorophenol	1220	U	2230	1220	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
bis (2-Chloroisopropyl) ether	234	U	2230	234	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
1,1'-Biphenyl	280	U	2230	280	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5
Acetophenone	259	U	2230	259	ug/Kg	☼	11/09/18 11:36	11/12/18 23:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*34*		*10 - 150*	*11/09/18 11:36*	*11/12/18 23:21*	*5*
2-Fluorophenol	*48*		*25 - 132*	*11/09/18 11:36*	*11/12/18 23:21*	*5*
2-Fluorobiphenyl	*57*		*38 - 130*	*11/09/18 11:36*	*11/12/18 23:21*	*5*
2,4,6-Tribromophenol	*42*		*10 - 148*	*11/09/18 11:36*	*11/12/18 23:21*	*5*
Terphenyl-d14	*56*		*53 - 134*	*11/09/18 11:36*	*11/12/18 23:21*	*5*
Phenol-d5 (Surr)	*50*		*27 - 123*	*11/09/18 11:36*	*11/12/18 23:21*	*5*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	2.18	U	4.44	2.18	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
4,4'-DDE	**4.08**	**J P**	4.44	1.95	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
4,4'-DDT	**9.41**		4.44	2.49	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Aldrin	1.76	U	2.29	1.76	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
alpha-BHC	1.35	U	2.29	1.35	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
cis-Chlordane	**7.61**		4.44	2.14	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
beta-BHC	1.37	U	2.29	1.37	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Chlordane (technical)	31.5	U	101	31.5	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
delta-BHC	1.14	U	2.29	1.14	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Dieldrin	**63.9**		4.44	1.87	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Endosulfan I	1.35	U	2.29	1.35	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Endosulfan II	**8.32**		4.44	2.03	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Endosulfan sulfate	2.26	U	4.44	2.26	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Endrin	2.06	U	4.44	2.06	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Endrin aldehyde	2.10	U	4.44	2.10	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Endrin ketone	2.07	U	4.44	2.07	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
gamma-BHC (Lindane)	1.25	U	2.29	1.25	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
trans-Chlordane	**3.29**	**J**	4.44	1.68	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Heptachlor	1.25	U	2.29	1.25	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Heptachlor epoxide	1.57	U	2.29	1.57	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Methoxychlor	10.9	U	22.9	10.9	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1
Toxaphene	**339**		229	98.4	ug/Kg	☼	11/13/18 15:06	11/15/18 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*47 - 150*	*11/13/18 15:06*	*11/15/18 22:24*	*1*
Tetrachloro-m-xylene	*74*		*50 - 143*	*11/13/18 15:06*	*11/15/18 22:24*	*1*

Client Sample ID: 3006-SS-6

Lab Sample ID: 600-175885-6
Date Collected: 11/07/18 10:10
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 73.9

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	1.53	U	17.9	1.53	ug/Kg	☼	11/08/18 15:42	11/12/18 20:24	1
2,4-DB	2.96	U	17.9	2.96	ug/Kg	☼	11/08/18 15:42	11/12/18 20:24	1
Dicamba	2.06	U	17.9	2.06	ug/Kg	☼	11/08/18 15:42	11/12/18 20:24	1
Dichlorprop	2.02	U	17.9	2.02	ug/Kg	☼	11/08/18 15:42	11/12/18 20:24	1
Dinoseb	1.44	U	17.9	1.44	ug/Kg	☼	11/08/18 15:42	11/12/18 20:24	1
Mecoprop	206	U	1790	206	ug/Kg	☼	11/08/18 15:42	11/12/18 20:24	1
MCPA	292	U	1790	292	ug/Kg	☼	11/08/18 15:42	11/12/18 20:24	1
2,4,5-T	1.97	U	17.9	1.97	ug/Kg	☼	11/08/18 15:42	11/12/18 20:24	1
Silvex (2,4,5-TP)	1.93	U	17.9	1.93	ug/Kg	☼	11/08/18 15:42	11/12/18 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*46*		*22 - 130*	*11/08/18 15:42*	*11/12/18 20:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**26.1**		1.0	1.0	%			11/09/18 08:20	1
Percent Solids	**73.9**		1.0	1.0	%			11/09/18 08:20	1

Client Sample ID: 3006-SS-7

Lab Sample ID: 600-175885-7
Date Collected: 11/07/18 10:27
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 87.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.51	U	9.12	1.51	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Benzene	0.574	U	4.56	0.574	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Chlorobromomethane	1.62	U	4.56	1.62	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Bromoform	1.25	U	4.56	1.25	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Bromomethane	0.757	U	9.12	0.757	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
2-Butanone (MEK)	1.73	U	9.12	1.73	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Carbon disulfide	0.501	U *	9.12	0.501	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Carbon tetrachloride	1.03	U	4.56	1.03	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Dibromochloromethane	0.857	U	4.56	0.857	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Chlorobenzene	0.875	U	4.56	0.875	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Chloroethane	1.28	U	9.12	1.28	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Chloroform	0.602	U	9.12	0.602	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Chloromethane	1.51	U	9.12	1.51	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,1-Dichloroethane	0.793	U	4.56	0.793	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,2-Dichloroethane	0.820	U	4.56	0.820	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,1-Dichloroethene	1.11	U	4.56	1.11	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
cis-1,2-Dichloroethene	0.757	U	4.56	0.757	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
trans-1,2-Dichloroethene	1.04	U	4.56	1.04	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,2-Dichloropropane	0.647	U	4.56	0.647	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
cis-1,3-Dichloropropene	0.492	U	4.56	0.492	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
trans-1,3-Dichloropropene	0.529	U	4.56	0.529	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Ethylbenzene	0.930	U	4.56	0.930	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
2-Hexanone	0.921	U	9.12	0.921	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Methylene Chloride	2.00	U	9.12	2.00	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
4-Methyl-2-pentanone (MIBK)	1.34	U	9.12	1.34	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Styrene	0.647	U	4.56	0.647	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1

Client Sample ID: 3006-SS-7
Lab Sample ID: 600-175885-7
Date Collected: 11/07/18 10:27
Matrix: Solid
Date Received: 11/07/18 13:13
Percent Solids: 87.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.793	U	4.56	0.793	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Tetrachloroethene	0.647	U	4.56	0.647	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Toluene	1.26	U	4.56	1.26	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,1,1-Trichloroethane	0.675	U	4.56	0.675	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,1,2-Trichloroethane	0.665	U	36.5	0.665	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Trichloroethene	1.28	U	4.56	1.28	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Vinyl acetate	0.848	U	9.12	0.848	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Vinyl chloride	0.820	U	9.12	0.820	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
o-Xylene	1.03	U	4.56	1.03	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
m-Xylene & p-Xylene	1.39	U	4.56	1.39	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Xylenes, Total	1.03	U	4.56	1.03	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Bromodichloromethane	0.602	U	4.56	0.602	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.31	U	4.56	1.31	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,2,4-Trichlorobenzene	1.80	U	4.56	1.80	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,2-Dibromo-3-Chloropropane	2.22	U	4.56	2.22	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,2-Dichlorobenzene	0.729	U	4.56	0.729	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,3-Dichlorobenzene	0.647	U	4.56	0.647	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,4-Dichlorobenzene	0.602	U	4.56	0.602	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Dichlorodifluoromethane	1.40	U	4.56	1.40	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
1,2-Dibromoethane	0.930	U	4.56	0.930	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Isopropylbenzene	0.839	U	4.56	0.839	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Methyl tert-butyl ether	1.67	U	4.56	1.67	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1
Cyclohexane	1.75	U	4.56	1.75	ug/Kg	☼	11/08/18 08:20	11/08/18 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*87*		*50 - 130*	*11/08/18 08:20*	*11/08/18 18:06*	*1*
Dibromofluoromethane	*89*		*68 - 140*	*11/08/18 08:20*	*11/08/18 18:06*	*1*
4-Bromofluorobenzene	*90*		*57 - 140*	*11/08/18 08:20*	*11/08/18 18:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*61 - 130*	*11/08/18 08:20*	*11/08/18 18:06*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	215	U	376	215	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Acenaphthylene	219	U	376	219	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Anthracene	236	U	376	236	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Benzo[a]anthracene	236	U	376	236	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Benzo[b]fluoranthene	22.0	U	376	22.0	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Benzo[k]fluoranthene	33.5	U	376	33.5	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Benzo[g,h,i]perylene	200	U	376	200	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Benzo[a]pyrene	211	U	376	211	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Bis(2-chloroethoxy)methane	212	U	376	212	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Bis(2-chloroethyl)ether	37.6	U	376	37.6	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Bis(2-ethylhexyl) phthalate	228	U	376	228	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
4-Bromophenyl phenyl ether	228	U	376	228	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Butyl benzyl phthalate	229	U	376	229	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
4-Chloroaniline	75.1	U *	376	75.1	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2-Chloronaphthalene	245	U	376	245	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
4-Chlorophenyl phenyl ether	226	U	376	226	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Carbazole	232	U	376	232	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Chrysene	230	U	376	230	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1

Client Sample ID: 3006-SS-7
Date Collected: 11/07/18 10:27
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-7
Matrix: Solid
Percent Solids: 87.8

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	243	U	376	243	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Dibenz(a,h)anthracene	216	U	376	216	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Dibenzofuran	224	U	376	224	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
3,3'-Dichlorobenzidine	72.4	U	752	72.4	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Diethyl phthalate	232	U	376	232	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Dimethyl phthalate	227	U	376	227	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2,4-Dinitrotoluene	37.5	U	376	37.5	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2,6-Dinitrotoluene	239	U	376	239	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Di-n-octyl phthalate	243	U	376	243	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Fluoranthene	240	U	376	240	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Fluorene	231	U	376	231	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Hexachlorobenzene	237	U	376	237	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Hexachlorocyclopentadiene	25.4	U	376	25.4	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Hexachloroethane	34.1	U	376	34.1	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Hexachlorobutadiene	38.6	U	376	38.6	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Indeno[1,2,3-cd]pyrene	206	U	376	206	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Isophorone	221	U	376	221	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2-Methylnaphthalene	215	U	376	215	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Naphthalene	22.0	U	376	22.0	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2-Nitroaniline	222	U	1820	222	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
3-Nitroaniline	241	U	1820	241	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
4-Nitroaniline	205	U	1820	205	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Nitrobenzene	54.0	U	376	54.0	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
N-Nitrosodiphenylamine	35.9	U	376	35.9	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
N-Nitrosodi-n-propylamine	32.6	U	376	32.6	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Phenanthrene	231	U	376	231	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Pyrene	251	U	376	251	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
4-Chloro-3-methylphenol	219	U	376	219	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2-Chlorophenol	26.5	U	376	26.5	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2-Methylphenol	43.1	U	376	43.1	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
3 & 4 Methylphenol	34.2	U	752	34.2	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2,4-Dichlorophenol	208	U	376	208	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2,4-Dimethylphenol	72.4	U	376	72.4	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
4,6-Dinitro-2-methylphenol	236	U	1820	236	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2,4-Dinitrophenol	146	U	1820	146	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2-Nitrophenol	205	U	376	205	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
4-Nitrophenol	205	U	1820	205	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Pentachlorophenol	25.2	U	1820	25.2	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Phenol	42.5	U	376	42.5	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2,4,5-Trichlorophenol	70.7	U	376	70.7	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
2,4,6-Trichlorophenol	205	U	376	205	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
bis (2-Chloroisopropyl) ether	39.4	U	376	39.4	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
1,1'-Biphenyl	47.2	U	376	47.2	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1
Acetophenone	43.7	U	376	43.7	ug/Kg	☼	11/09/18 11:36	11/12/18 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*71*		*10 - 150*	*11/09/18 11:36*	*11/12/18 23:54*	*1*
2-Fluorophenol	*63*		*25 - 132*	*11/09/18 11:36*	*11/12/18 23:54*	*1*
2-Fluorobiphenyl	*72*		*38 - 130*	*11/09/18 11:36*	*11/12/18 23:54*	*1*
2,4,6-Tribromophenol	*82*		*10 - 148*	*11/09/18 11:36*	*11/12/18 23:54*	*1*

Client Sample ID: 3006-SS-7
Date Collected: 11/07/18 10:27
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-7
Matrix: Solid
Percent Solids: 87.8

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	*76*		*53 - 134*	*11/09/18 11:36*	*11/12/18 23:54*	*1*
Phenol-d5 (Surr)	*72*		*27 - 123*	*11/09/18 11:36*	*11/12/18 23:54*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.84	U	3.75	1.84	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
4,4'-DDE	1.65	U	3.75	1.65	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
4,4'-DDT	2.10	U	3.75	2.10	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Aldrin	1.49	U	1.93	1.49	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
alpha-BHC	1.14	U	1.93	1.14	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
cis-Chlordane	1.81	U	3.75	1.81	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
beta-BHC	1.16	U	1.93	1.16	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Chlordane (technical)	26.6	U	85.2	26.6	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
delta-BHC	0.966	U	1.93	0.966	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Dieldrin	1.58	U	3.75	1.58	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Endosulfan I	1.14	U	1.93	1.14	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Endosulfan II	1.72	U	3.75	1.72	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Endosulfan sulfate	1.91	U	3.75	1.91	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Endrin	1.74	U	3.75	1.74	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Endrin aldehyde	1.77	U	3.75	1.77	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Endrin ketone	1.75	U	3.75	1.75	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
gamma-BHC (Lindane)	1.06	U	1.93	1.06	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
trans-Chlordane	1.42	U	3.75	1.42	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Heptachlor	1.06	U	1.93	1.06	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Heptachlor epoxide	1.33	U	1.93	1.33	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Methoxychlor	9.17	U	19.3	9.17	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1
Toxaphene	83.1	U	193	83.1	ug/Kg	☼	11/13/18 15:06	11/15/18 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*90*		*47 - 150*	*11/13/18 15:06*	*11/15/18 22:49*	*1*
Tetrachloro-m-xylene	*70*		*50 - 143*	*11/13/18 15:06*	*11/15/18 22:49*	*1*

Method: 8151 - Herbicides

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	1.29	U	15.1	1.29	ug/Kg	☼	11/08/18 15:42	11/12/18 20:49	1
2,4-DB	2.50	U	15.1	2.50	ug/Kg	☼	11/08/18 15:42	11/12/18 20:49	1
Dicamba	1.74	U	15.1	1.74	ug/Kg	☼	11/08/18 15:42	11/12/18 20:49	1
Dichlorprop	1.70	U	15.1	1.70	ug/Kg	☼	11/08/18 15:42	11/12/18 20:49	1
Dinoseb	1.21	U	15.1	1.21	ug/Kg	☼	11/08/18 15:42	11/12/18 20:49	1
Mecoprop	173	U	1510	173	ug/Kg	☼	11/08/18 15:42	11/12/18 20:49	1
MCPA	246	U	1510	246	ug/Kg	☼	11/08/18 15:42	11/12/18 20:49	1
2,4,5-T	1.66	U	15.1	1.66	ug/Kg	☼	11/08/18 15:42	11/12/18 20:49	1
Silvex (2,4,5-TP)	1.63	U	15.1	1.63	ug/Kg	☼	11/08/18 15:42	11/12/18 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*52*		*22 - 130*	*11/08/18 15:42*	*11/12/18 20:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.2**		1.0	1.0	%			11/09/18 08:20	1

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allan - VA Cemetery 11-017-18

TestAmerica Job ID: 600-175885-1

Client Sample ID: 3006-SS-7
Date Collected: 11/07/18 10:27
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-7
Matrix: Solid
Percent Solids: 87.8

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	87.8		1.0	1.0	%			11/09/18 08:20	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	RPD of the LCS and LCSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
P	The %RPD between the primary and confirmation column/detector is >40%. The higher value has been reported
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Surrogate Summary

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allan - VA Cemetery 11-017-18

TestAmerica Job ID: 600-175885-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(50-130)	(68-140)	(57-140)	(61-130)
600-175885-1	3006-SS-1	72	89	90	88
600-175885-2	3006-SS-2	87	84	88	83
600-175885-3	3006-SS-3	80	97	90	86
600-175885-4	3006-SS-4	89	88	94	86
600-175885-5	3006-SS-5	75	86	94	83
600-175885-6	3006-SS-6	88	87	89	85
600-175885-7	3006-SS-7	87	89	90	90
LCS 600-251686/3	Lab Control Sample	89	89	85	84
LCSD 600-251686/4	Lab Control Sample Dup	87	100	98	94
MB 600-251686/6	Method Blank	89	84	88	88

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane
BFB = 4-Bromofluorobenzene
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	2FP	FBP	TBP	TPHL	PHL
Lab Sample ID	Client Sample ID	(10-150)	(25-132)	(38-130)	(10-148)	(53-134)	(27-123)
600-175885-1	3006-SS-1	77	72	81	89	82	76
600-175885-2	3006-SS-2	72	64	73	79	80	72
600-175885-3	3006-SS-3	75	68	75	67	81	70
600-175885-4	3006-SS-4	69	61	67	71	69	66
600-175885-5	3006-SS-5	64	67	76	69	80	72
600-175885-6	3006-SS-6	34	48	57	42	56	50
600-175885-7	3006-SS-7	71	63	72	82	76	72
LCS 600-251808/2-A	Lab Control Sample	73	73	71	81	86	75
MB 600-251808/1-A	Method Blank	68	66	63	40	72	70

Surrogate Legend

NBZ = Nitrobenzene-d5
2FP = 2-Fluorophenol
FBP = 2-Fluorobiphenyl
TBP = 2,4,6-Tribromophenol
TPHL = Terphenyl-d14
PHL = Phenol-d5 (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(47-150)	(50-143)
600-175885-1	3006-SS-1	91	74
600-175885-1 - DL	3006-SS-1	85	73
600-175885-1 - DL2	3006-SS-1	107	90

Surrogate Summary

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allan - VA Cemetery 11-017-18

TestAmerica Job ID: 600-175885-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCBP1 (47-150)	TCX1 (50-143)
600-175885-2	3006-SS-2	94	75
600-175885-2 - DL	3006-SS-2	144	93
600-175885-2 - DL2	3006-SS-2	97	108
600-175885-3	3006-SS-3	87	69
600-175885-4	3006-SS-4	100	71
600-175885-5	3006-SS-5	82	74
600-175885-6	3006-SS-6	85	74
600-175885-7	3006-SS-7	90	70
600-175885-7 MS	3006-SS-7	102	87
600-175885-7 MSD	3006-SS-7	221 X	88
LCS 600-252040/2-A	Lab Control Sample	79	79
MB 600-252040/1-A	Method Blank	67	71

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151 - Herbicides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPAA1 (22-130)
600-175885-1	3006-SS-1	42
600-175885-2	3006-SS-2	42
600-175885-3	3006-SS-3	59
600-175885-4	3006-SS-4	52
600-175885-5	3006-SS-5	47
600-175885-6	3006-SS-6	46
600-175885-7	3006-SS-7	52
LCS 600-251745/2-A	Lab Control Sample	41
MB 600-251745/1-A	Method Blank	28

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 600-251686/6
Matrix: Solid
Analysis Batch: 251686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.66	U	10.0	1.66	ug/Kg			11/08/18 11:42	1
Benzene	0.630	U	5.00	0.630	ug/Kg			11/08/18 11:42	1
Chlorobromomethane	1.78	U	5.00	1.78	ug/Kg			11/08/18 11:42	1
Bromoform	1.37	U	5.00	1.37	ug/Kg			11/08/18 11:42	1
Bromomethane	0.830	U	10.0	0.830	ug/Kg			11/08/18 11:42	1
2-Butanone (MEK)	1.90	U	10.0	1.90	ug/Kg			11/08/18 11:42	1
Carbon disulfide	0.550	U	10.0	0.550	ug/Kg			11/08/18 11:42	1
Carbon tetrachloride	1.13	U	5.00	1.13	ug/Kg			11/08/18 11:42	1
Dibromochloromethane	0.940	U	5.00	0.940	ug/Kg			11/08/18 11:42	1
Chlorobenzene	0.960	U	5.00	0.960	ug/Kg			11/08/18 11:42	1
Chloroethane	1.40	U	10.0	1.40	ug/Kg			11/08/18 11:42	1
Chloroform	0.660	U	10.0	0.660	ug/Kg			11/08/18 11:42	1
Chloromethane	1.66	U	10.0	1.66	ug/Kg			11/08/18 11:42	1
1,1-Dichloroethane	0.870	U	5.00	0.870	ug/Kg			11/08/18 11:42	1
1,2-Dichloroethane	0.900	U	5.00	0.900	ug/Kg			11/08/18 11:42	1
1,1-Dichloroethene	1.22	U	5.00	1.22	ug/Kg			11/08/18 11:42	1
cis-1,2-Dichloroethene	0.830	U	5.00	0.830	ug/Kg			11/08/18 11:42	1
trans-1,2-Dichloroethene	1.14	U	5.00	1.14	ug/Kg			11/08/18 11:42	1
1,2-Dichloropropane	0.710	U	5.00	0.710	ug/Kg			11/08/18 11:42	1
cis-1,3-Dichloropropene	0.540	U	5.00	0.540	ug/Kg			11/08/18 11:42	1
trans-1,3-Dichloropropene	0.580	U	5.00	0.580	ug/Kg			11/08/18 11:42	1
Ethylbenzene	1.02	U	5.00	1.02	ug/Kg			11/08/18 11:42	1
2-Hexanone	1.01	U	10.0	1.01	ug/Kg			11/08/18 11:42	1
Methylene Chloride	2.19	U	10.0	2.19	ug/Kg			11/08/18 11:42	1
4-Methyl-2-pentanone (MIBK)	1.47	U	10.0	1.47	ug/Kg			11/08/18 11:42	1
Styrene	0.710	U	5.00	0.710	ug/Kg			11/08/18 11:42	1
1,1,2,2-Tetrachloroethane	0.870	U	5.00	0.870	ug/Kg			11/08/18 11:42	1
Tetrachloroethene	0.710	U	5.00	0.710	ug/Kg			11/08/18 11:42	1
Toluene	1.38	U	5.00	1.38	ug/Kg			11/08/18 11:42	1
1,1,1-Trichloroethane	0.740	U	5.00	0.740	ug/Kg			11/08/18 11:42	1
1,1,2-Trichloroethane	0.730	U	40.0	0.730	ug/Kg			11/08/18 11:42	1
Trichloroethene	1.40	U	5.00	1.40	ug/Kg			11/08/18 11:42	1
Vinyl acetate	0.930	U	10.0	0.930	ug/Kg			11/08/18 11:42	1
Vinyl chloride	0.900	U	10.0	0.900	ug/Kg			11/08/18 11:42	1
o-Xylene	1.13	U	5.00	1.13	ug/Kg			11/08/18 11:42	1
m-Xylene & p-Xylene	1.52	U	5.00	1.52	ug/Kg			11/08/18 11:42	1
Xylenes, Total	1.13	U	5.00	1.13	ug/Kg			11/08/18 11:42	1
Bromodichloromethane	0.660	U	5.00	0.660	ug/Kg			11/08/18 11:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.44	U	5.00	1.44	ug/Kg			11/08/18 11:42	1
1,2,4-Trichlorobenzene	1.97	U	5.00	1.97	ug/Kg			11/08/18 11:42	1
1,2-Dibromo-3-Chloropropane	2.44	U	5.00	2.44	ug/Kg			11/08/18 11:42	1
1,2-Dichlorobenzene	0.800	U	5.00	0.800	ug/Kg			11/08/18 11:42	1
1,3-Dichlorobenzene	0.710	U	5.00	0.710	ug/Kg			11/08/18 11:42	1
1,4-Dichlorobenzene	0.660	U	5.00	0.660	ug/Kg			11/08/18 11:42	1
Dichlorodifluoromethane	1.54	U	5.00	1.54	ug/Kg			11/08/18 11:42	1
1,2-Dibromoethane	1.02	U	5.00	1.02	ug/Kg			11/08/18 11:42	1
Isopropylbenzene	0.920	U	5.00	0.920	ug/Kg			11/08/18 11:42	1
Methyl tert-butyl ether	1.83	U	5.00	1.83	ug/Kg			11/08/18 11:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 600-251686/6
Matrix: Solid
Analysis Batch: 251686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	1.92	U	5.00	1.92	ug/Kg			11/08/18 11:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*50 - 130*		*11/08/18 11:42*	*1*
Dibromofluoromethane	*84*		*68 - 140*		*11/08/18 11:42*	*1*
4-Bromofluorobenzene	*88*		*57 - 140*		*11/08/18 11:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*61 - 130*		*11/08/18 11:42*	*1*

Lab Sample ID: LCS 600-251686/3
Matrix: Solid
Analysis Batch: 251686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	119.0		ug/Kg		119	13 - 150
Benzene	50.0	46.81		ug/Kg		94	70 - 131
Chlorobromomethane	50.0	49.21		ug/Kg		98	70 - 132
Bromoform	50.0	44.86		ug/Kg		90	43 - 150
Bromomethane	50.0	56.32		ug/Kg		113	37 - 147
2-Butanone (MEK)	100	97.85		ug/Kg		98	33 - 150
Carbon disulfide	50.0	48.13		ug/Kg		96	51 - 141
Carbon tetrachloride	50.0	46.05		ug/Kg		92	58 - 130
Dibromochloromethane	50.0	48.83		ug/Kg		98	65 - 134
Chlorobenzene	50.0	43.73		ug/Kg		87	63 - 131
Chloroethane	50.0	58.26		ug/Kg		117	40 - 150
Chloroform	50.0	46.73		ug/Kg		93	69 - 130
Chloromethane	50.0	51.64		ug/Kg		103	44 - 141
1,1-Dichloroethane	50.0	44.85		ug/Kg		90	63 - 140
1,2-Dichloroethane	50.0	47.33		ug/Kg		95	58 - 137
1,1-Dichloroethene	50.0	62.35		ug/Kg		125	62 - 142
cis-1,2-Dichloroethene	50.0	44.76		ug/Kg		90	70 - 130
trans-1,2-Dichloroethene	50.0	45.86		ug/Kg		92	69 - 130
1,2-Dichloropropane	50.0	45.74		ug/Kg		91	70 - 130
cis-1,3-Dichloropropene	50.0	52.09		ug/Kg		104	65 - 130
trans-1,3-Dichloropropene	50.0	51.69		ug/Kg		103	70 - 130
Ethylbenzene	50.0	44.33		ug/Kg		89	66 - 130
2-Hexanone	100	91.34		ug/Kg		91	35 - 150
Methylene Chloride	50.0	60.25		ug/Kg		121	61 - 150
4-Methyl-2-pentanone (MIBK)	100	93.08		ug/Kg		93	21 - 150
Styrene	50.0	45.89		ug/Kg		92	65 - 133
1,1,2,2-Tetrachloroethane	50.0	44.13		ug/Kg		88	61 - 138
Tetrachloroethene	50.0	44.74		ug/Kg		89	43 - 143
Toluene	50.0	43.40		ug/Kg		87	67 - 130
1,1,1-Trichloroethane	50.0	42.19		ug/Kg		84	59 - 130
1,1,2-Trichloroethane	50.0	54.80		ug/Kg		110	67 - 134
Trichloroethene	50.0	45.42		ug/Kg		91	63 - 135
Vinyl acetate	100	98.28		ug/Kg		98	40 - 150
Vinyl chloride	50.0	62.64		ug/Kg		125	40 - 148
o-Xylene	50.0	43.90		ug/Kg		88	62 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 600-251686/3
Matrix: Solid
Analysis Batch: 251686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	50.0	43.87		ug/Kg		88	64 - 130
Xylenes, Total	100	87.77		ug/Kg		88	63 - 130
Bromodichloromethane	50.0	47.26		ug/Kg		95	67 - 138
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.22		ug/Kg		100	48 - 150
1,2,4-Trichlorobenzene	50.0	50.81		ug/Kg		102	53 - 136
1,2-Dibromo-3-Chloropropane	50.0	57.51		ug/Kg		115	29 - 150
1,2-Dichlorobenzene	50.0	49.72		ug/Kg		99	61 - 131
1,3-Dichlorobenzene	50.0	44.85		ug/Kg		90	63 - 132
1,4-Dichlorobenzene	50.0	44.78		ug/Kg		90	65 - 131
Dichlorodifluoromethane	50.0	62.46		ug/Kg		125	24 - 147
1,2-Dibromoethane	50.0	49.82		ug/Kg		100	65 - 136
Isopropylbenzene	50.0	38.99		ug/Kg		78	64 - 131
Methyl tert-butyl ether	50.0	51.05		ug/Kg		102	63 - 132
Cyclohexane	50.0	46.07		ug/Kg		92	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*89*		*50 - 130*
Dibromofluoromethane	*89*		*68 - 140*
4-Bromofluorobenzene	*85*		*57 - 140*
1,2-Dichloroethane-d4 (Surr)	*84*		*61 - 130*

Lab Sample ID: LCSD 600-251686/4
Matrix: Solid
Analysis Batch: 251686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	134.5		ug/Kg		134	13 - 150	12	30
Benzene	50.0	49.45		ug/Kg		99	70 - 131	5	30
Chlorobromomethane	50.0	49.66		ug/Kg		99	70 - 132	1	30
Bromoform	50.0	49.97		ug/Kg		100	43 - 150	11	30
Bromomethane	50.0	63.13		ug/Kg		126	37 - 147	11	30
2-Butanone (MEK)	100	114.7		ug/Kg		115	33 - 150	16	30
Carbon disulfide	50.0	65.69	*	ug/Kg		131	51 - 141	31	30
Carbon tetrachloride	50.0	49.97		ug/Kg		100	58 - 130	8	30
Dibromochloromethane	50.0	48.15		ug/Kg		96	65 - 134	1	30
Chlorobenzene	50.0	44.23		ug/Kg		88	63 - 131	1	30
Chloroethane	50.0	65.62		ug/Kg		131	40 - 150	12	30
Chloroform	50.0	49.94		ug/Kg		100	69 - 130	7	30
Chloromethane	50.0	59.50		ug/Kg		119	44 - 141	14	30
1,1-Dichloroethane	50.0	46.90		ug/Kg		94	63 - 140	4	30
1,2-Dichloroethane	50.0	51.40		ug/Kg		103	58 - 137	8	30
1,1-Dichloroethene	50.0	65.66		ug/Kg		131	62 - 142	5	30
cis-1,2-Dichloroethene	50.0	45.25		ug/Kg		90	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	55.88		ug/Kg		112	69 - 130	20	30
1,2-Dichloropropane	50.0	44.15		ug/Kg		88	70 - 130	4	30
cis-1,3-Dichloropropene	50.0	41.61		ug/Kg		83	65 - 130	22	30
trans-1,3-Dichloropropene	50.0	43.99		ug/Kg		88	70 - 130	16	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 600-251686/4
Matrix: Solid
Analysis Batch: 251686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene			50.0	43.87		ug/Kg		88	66 - 130	1	30
2-Hexanone			100	94.32		ug/Kg		94	35 - 150	3	30
Methylene Chloride			50.0	66.42		ug/Kg		133	61 - 150	10	30
4-Methyl-2-pentanone (MIBK)			100	101.1		ug/Kg		101	21 - 150	8	30
Styrene			50.0	45.51		ug/Kg		91	65 - 133	1	30
1,1,2,2-Tetrachloroethane			50.0	50.38		ug/Kg		101	61 - 138	13	30
Tetrachloroethene			50.0	44.28		ug/Kg		89	43 - 143	1	30
Toluene			50.0	42.80		ug/Kg		86	67 - 130	1	30
1,1,1-Trichloroethane			50.0	49.83		ug/Kg		100	59 - 130	17	30
1,1,2-Trichloroethane			50.0	44.46		ug/Kg		89	67 - 134	21	30
Trichloroethene			50.0	44.21		ug/Kg		88	63 - 135	3	30
Vinyl acetate			100	108.7		ug/Kg		109	40 - 150	10	30
Vinyl chloride			50.0	73.28		ug/Kg		147	40 - 148	16	30
o-Xylene			50.0	44.50		ug/Kg		89	62 - 130	1	30
m-Xylene & p-Xylene			50.0	43.98		ug/Kg		88	64 - 130	0	30
Xylenes, Total			100	88.48		ug/Kg		88	63 - 130	1	30
Bromodichloromethane			50.0	47.71		ug/Kg		95	67 - 138	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	52.59		ug/Kg		105	48 - 150	5	30
1,2,4-Trichlorobenzene			50.0	46.88		ug/Kg		94	53 - 136	8	30
1,2-Dibromo-3-Chloropropane			50.0	52.82		ug/Kg		106	29 - 150	9	30
1,2-Dichlorobenzene			50.0	45.73		ug/Kg		91	61 - 131	8	30
1,3-Dichlorobenzene			50.0	45.53		ug/Kg		91	63 - 132	2	30
1,4-Dichlorobenzene			50.0	44.58		ug/Kg		89	65 - 131	0	30
Dichlorodifluoromethane			50.0	65.91		ug/Kg		132	24 - 147	5	30
1,2-Dibromoethane			50.0	50.04		ug/Kg		100	65 - 136	0	30
Isopropylbenzene			50.0	43.93		ug/Kg		88	64 - 131	12	30
Methyl tert-butyl ether			50.0	60.08		ug/Kg		120	63 - 132	16	30
Cyclohexane			50.0	49.31		ug/Kg		99	54 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*87*		*50 - 130*
Dibromofluoromethane	*100*		*68 - 140*
4-Bromofluorobenzene	*98*		*57 - 140*
1,2-Dichloroethane-d4 (Surr)	*94*		*61 - 130*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 600-251808/1-A
Matrix: Solid
Analysis Batch: 251946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251808

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	189	U	330	189	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Acenaphthylene	193	U	330	193	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Anthracene	207	U	330	207	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Benzo[a]anthracene	207	U	330	207	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Benzo[b]fluoranthene	19.3	U	330	19.3	ug/Kg		11/09/18 11:36	11/12/18 16:12	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 600-251808/1-A
Matrix: Solid
Analysis Batch: 251946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251808

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	29.4	U	330	29.4	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Benzo[g,h,i]perylene	175	U	330	175	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Benzo[a]pyrene	185	U	330	185	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Bis(2-chloroethoxy)methane	186	U	330	186	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Bis(2-chloroethyl)ether	33.0	U	330	33.0	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Bis(2-ethylhexyl) phthalate	200	U	330	200	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
4-Bromophenyl phenyl ether	200	U	330	200	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Butyl benzyl phthalate	201	U	330	201	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
4-Chloroaniline	66.0	U	330	66.0	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2-Chloronaphthalene	215	U	330	215	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
4-Chlorophenyl phenyl ether	198	U	330	198	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Carbazole	204	U	330	204	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Chrysene	202	U	330	202	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Di-n-butyl phthalate	213	U	330	213	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Dibenz(a,h)anthracene	190	U	330	190	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Dibenzofuran	197	U	330	197	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
3,3'-Dichlorobenzidine	63.6	U	660	63.6	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Diethyl phthalate	204	U	330	204	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Dimethyl phthalate	200	U	330	200	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2,4-Dinitrotoluene	32.9	U	330	32.9	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2,6-Dinitrotoluene	210	U	330	210	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Di-n-octyl phthalate	214	U	330	214	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Fluoranthene	211	U	330	211	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Fluorene	203	U	330	203	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Hexachlorobenzene	208	U	330	208	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Hexachlorocyclopentadiene	22.3	U	330	22.3	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Hexachloroethane	29.9	U	330	29.9	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Hexachlorobutadiene	33.9	U	330	33.9	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Indeno[1,2,3-cd]pyrene	181	U	330	181	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Isophorone	194	U	330	194	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2-Methylnaphthalene	189	U	330	189	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Naphthalene	19.3	U	330	19.3	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2-Nitroaniline	195	U	1600	195	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
3-Nitroaniline	212	U	1600	212	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
4-Nitroaniline	180	U	1600	180	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Nitrobenzene	47.4	U	330	47.4	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
N-Nitrosodiphenylamine	31.5	U	330	31.5	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
N-Nitrosodi-n-propylamine	28.6	U	330	28.6	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Phenanthrene	203	U	330	203	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Pyrene	221	U	330	221	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
4-Chloro-3-methylphenol	192	U	330	192	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2-Chlorophenol	23.3	U	330	23.3	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2-Methylphenol	37.9	U	330	37.9	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
3 & 4 Methylphenol	30.1	U	660	30.1	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2,4-Dichlorophenol	183	U	330	183	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2,4-Dimethylphenol	63.6	U	330	63.6	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
4,6-Dinitro-2-methylphenol	207	U	1600	207	ug/Kg		11/09/18 11:36	11/12/18 16:12	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 600-251808/1-A
Matrix: Solid
Analysis Batch: 251946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251808

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	128	U	1600	128	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2-Nitrophenol	180	U	330	180	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
4-Nitrophenol	180	U	1600	180	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Pentachlorophenol	22.1	U	1600	22.1	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Phenol	37.4	U	330	37.4	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2,4,5-Trichlorophenol	62.1	U	330	62.1	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
2,4,6-Trichlorophenol	180	U	330	180	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
bis (2-Chloroisopropyl) ether	34.6	U	330	34.6	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
1,1'-Biphenyl	41.5	U	330	41.5	ug/Kg		11/09/18 11:36	11/12/18 16:12	1
Acetophenone	38.3	U	330	38.3	ug/Kg		11/09/18 11:36	11/12/18 16:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*68*		*10 - 150*	*11/09/18 11:36*	*11/12/18 16:12*	*1*
2-Fluorophenol	*66*		*25 - 132*	*11/09/18 11:36*	*11/12/18 16:12*	*1*
2-Fluorobiphenyl	*63*		*38 - 130*	*11/09/18 11:36*	*11/12/18 16:12*	*1*
2,4,6-Tribromophenol	*40*		*10 - 148*	*11/09/18 11:36*	*11/12/18 16:12*	*1*
Terphenyl-d14	*72*		*53 - 134*	*11/09/18 11:36*	*11/12/18 16:12*	*1*
Phenol-d5 (Surr)	*70*		*27 - 123*	*11/09/18 11:36*	*11/12/18 16:12*	*1*

Lab Sample ID: LCS 600-251808/2-A
Matrix: Solid
Analysis Batch: 251946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251808

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3330	2359		ug/Kg		71	58 - 130
Acenaphthylene	3330	2717		ug/Kg		82	56 - 130
Anthracene	3330	2816		ug/Kg		84	58 - 130
Benzo[a]anthracene	3330	2816		ug/Kg		84	49 - 130
Benzo[b]fluoranthene	3330	3069		ug/Kg		92	58 - 130
Benzo[k]fluoranthene	3330	2649		ug/Kg		79	56 - 130
Benzo[g,h,i]perylene	3330	2891		ug/Kg		87	49 - 135
Benzo[a]pyrene	3330	2825		ug/Kg		85	58 - 130
Bis(2-chloroethoxy)methane	3330	2402		ug/Kg		72	49 - 130
Bis(2-chloroethyl)ether	3330	2409		ug/Kg		72	44 - 130
Bis(2-ethylhexyl) phthalate	3330	3238		ug/Kg		97	47 - 133
4-Bromophenyl phenyl ether	3330	2730		ug/Kg		82	56 - 130
Butyl benzyl phthalate	3330	2858		ug/Kg		86	43 - 135
4-Chloroaniline	3330	1355	*	ug/Kg		41	42 - 130
2-Chloronaphthalene	3330	2284		ug/Kg		69	51 - 130
4-Chlorophenyl phenyl ether	3330	2536		ug/Kg		76	57 - 130
Carbazole	3330	3117		ug/Kg		94	47 - 131
Chrysene	3330	2798		ug/Kg		84	50 - 130
Di-n-butyl phthalate	3330	3230		ug/Kg		97	54 - 130
Dibenz(a,h)anthracene	3330	2932		ug/Kg		88	48 - 130
Dibenzofuran	3330	2377		ug/Kg		71	58 - 130
3,3'-Dichlorobenzidine	3330	1892		ug/Kg		57	41 - 130
Diethyl phthalate	3330	2849		ug/Kg		85	55 - 130

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 600-251808/2-A
Matrix: Solid
Analysis Batch: 251946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251808

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dimethyl phthalate	3330	2509		ug/Kg		75	58 - 130
2,4-Dinitrotoluene	3330	2659		ug/Kg		80	53 - 130
2,6-Dinitrotoluene	3330	2436		ug/Kg		73	53 - 130
Di-n-octyl phthalate	3330	3371		ug/Kg		101	45 - 135
Fluoranthene	3330	2987		ug/Kg		90	56 - 130
Fluorene	3330	2182		ug/Kg		65	52 - 147
Hexachlorobenzene	3330	2758		ug/Kg		83	59 - 130
Hexachlorocyclopentadiene	3330	1873		ug/Kg		56	33 - 130
Hexachloroethane	3330	2370		ug/Kg		71	36 - 130
Hexachlorobutadiene	3330	2393		ug/Kg		72	49 - 130
Indeno[1,2,3-cd]pyrene	3330	3029		ug/Kg		91	41 - 130
Isophorone	3330	2287		ug/Kg		69	49 - 130
2-Methylnaphthalene	3330	2599		ug/Kg		78	54 - 130
Naphthalene	3330	2712		ug/Kg		81	49 - 130
2-Nitroaniline	3330	2432		ug/Kg		73	49 - 149
3-Nitroaniline	3330	1767		ug/Kg		53	45 - 133
4-Nitroaniline	3330	2291		ug/Kg		69	48 - 139
Nitrobenzene	3330	2255		ug/Kg		68	47 - 130
N-Nitrosodiphenylamine	3330	2700		ug/Kg		81	47 - 130
N-Nitrosodi-n-propylamine	3330	2821		ug/Kg		85	43 - 130
Phenanthrene	3330	2621		ug/Kg		79	58 - 130
Pyrene	3330	2674		ug/Kg		80	48 - 131
4-Chloro-3-methylphenol	3330	2583		ug/Kg		77	54 - 130
2-Chlorophenol	3330	2453		ug/Kg		74	48 - 130
2-Methylphenol	3330	2538		ug/Kg		76	46 - 130
3 & 4 Methylphenol	3330	2537		ug/Kg		76	44 - 130
2,4-Dichlorophenol	3330	2490		ug/Kg		75	56 - 130
2,4-Dimethylphenol	3330	2177		ug/Kg		65	46 - 130
4,6-Dinitro-2-methylphenol	6670	4909		ug/Kg		74	45 - 130
2,4-Dinitrophenol	6670	3781		ug/Kg		57	25 - 130
2-Nitrophenol	3330	2355		ug/Kg		71	50 - 130
4-Nitrophenol	6670	3189		ug/Kg		48	20 - 132
Pentachlorophenol	6670	3128		ug/Kg		47	34 - 130
Phenol	3330	2483		ug/Kg		74	33 - 130
2,4,5-Trichlorophenol	3330	2475		ug/Kg		74	59 - 136
2,4,6-Trichlorophenol	3330	2365		ug/Kg		71	59 - 134
bis (2-Chloroisopropyl) ether	3330	2858		ug/Kg		86	39 - 130
1,1'-Biphenyl	3330	2565		ug/Kg		77	56 - 130
Acetophenone	3330	2362		ug/Kg		71	42 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*73*		*10 - 150*
2-Fluorophenol	*73*		*25 - 132*
2-Fluorobiphenyl	*71*		*38 - 130*
2,4,6-Tribromophenol	*81*		*10 - 148*
Terphenyl-d14	*86*		*53 - 134*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 600-251808/2-A
Matrix: Solid
Analysis Batch: 251946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251808

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	*75*		*27 - 123*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 600-252040/1-A
Matrix: Solid
Analysis Batch: 252201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 252040

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.62	U	3.30	1.62	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
4,4'-DDE	1.45	U	3.30	1.45	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
4,4'-DDT	1.85	U	3.30	1.85	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Aldrin	1.31	U	1.70	1.31	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
alpha-BHC	1.00	U	1.70	1.00	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
cis-Chlordane	1.59	U	3.30	1.59	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
beta-BHC	1.02	U	1.70	1.02	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Chlordane (technical)	23.4	U	75.0	23.4	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
delta-BHC	0.850	U	1.70	0.850	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Dieldrin	1.39	U	3.30	1.39	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Endosulfan I	1.00	U	1.70	1.00	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Endosulfan II	1.51	U	3.30	1.51	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Endosulfan sulfate	1.68	U	3.30	1.68	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Endrin	1.53	U	3.30	1.53	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Endrin aldehyde	1.56	U	3.30	1.56	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Endrin ketone	1.54	U	3.30	1.54	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
gamma-BHC (Lindane)	0.930	U	1.70	0.930	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
trans-Chlordane	1.25	U	3.30	1.25	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Heptachlor	0.930	U	1.70	0.930	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Heptachlor epoxide	1.17	U	1.70	1.17	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Methoxychlor	8.07	U	17.0	8.07	ug/Kg		11/13/18 15:06	11/15/18 16:40	1
Toxaphene	73.1	U	170	73.1	ug/Kg		11/13/18 15:06	11/15/18 16:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*67*		*47 - 150*	*11/13/18 15:06*	*11/15/18 16:40*	*1*
Tetrachloro-m-xylene	*71*		*50 - 143*	*11/13/18 15:06*	*11/15/18 16:40*	*1*

Lab Sample ID: LCS 600-252040/2-A
Matrix: Solid
Analysis Batch: 252201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 252040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	16.7	13.95		ug/Kg		84	60 - 150
4,4'-DDE	16.7	14.82		ug/Kg		89	46 - 150
4,4'-DDT	16.7	14.35		ug/Kg		86	46 - 150
Aldrin	16.7	13.82		ug/Kg		83	42 - 150
alpha-BHC	16.7	14.04		ug/Kg		84	63 - 130

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 600-252040/2-A
Matrix: Solid
Analysis Batch: 252201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 252040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-Chlordane	16.7	13.47		ug/Kg		81	40 - 150
beta-BHC	16.7	13.43		ug/Kg		81	32 - 150
delta-BHC	16.7	13.44		ug/Kg		81	33 - 150
Dieldrin	16.7	14.34		ug/Kg		86	42 - 150
Endosulfan I	16.7	14.33		ug/Kg		86	37 - 150
Endosulfan II	16.7	14.62		ug/Kg		88	43 - 150
Endosulfan sulfate	16.7	13.87		ug/Kg		83	32 - 150
Endrin	16.7	15.03		ug/Kg		90	41 - 150
Endrin aldehyde	16.7	14.71		ug/Kg		88	42 - 150
Endrin ketone	16.7	14.10		ug/Kg		85	25 - 150
gamma-BHC (Lindane)	16.7	13.42		ug/Kg		81	36 - 150
trans-Chlordane	16.7	13.05		ug/Kg		78	41 - 150
Heptachlor	16.7	14.05		ug/Kg		84	35 - 150
Heptachlor epoxide	16.7	13.46		ug/Kg		81	42 - 150
Methoxychlor	16.7	16.77	J	ug/Kg		101	48 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*79*		*47 - 150*
Tetrachloro-m-xylene	*79*		*50 - 143*

Lab Sample ID: 600-175885-7 MS
Matrix: Solid
Analysis Batch: 252201

Client Sample ID: 3006-SS-7
Prep Type: Total/NA
Prep Batch: 252040

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	1.84	U	19.0	16.29		ug/Kg	☼	86	60 - 150
4,4'-DDE	1.65	U	19.0	17.61		ug/Kg	☼	93	46 - 150
4,4'-DDT	2.10	U	19.0	16.08		ug/Kg	☼	85	46 - 150
Aldrin	1.49	U	19.0	18.34		ug/Kg	☼	97	42 - 150
alpha-BHC	1.14	U	19.0	17.94		ug/Kg	☼	95	63 - 130
cis-Chlordane	1.81	U	19.0	16.62		ug/Kg	☼	88	40 - 150
beta-BHC	1.16	U	19.0	17.74		ug/Kg	☼	94	32 - 150
delta-BHC	0.966	U	19.0	16.90		ug/Kg	☼	89	33 - 150
Dieldrin	1.58	U	19.0	17.64		ug/Kg	☼	93	42 - 150
Endosulfan I	1.14	U	19.0	16.36		ug/Kg	☼	86	37 - 150
Endosulfan II	1.72	U	19.0	15.29		ug/Kg	☼	81	43 - 150
Endosulfan sulfate	1.91	U	19.0	12.44		ug/Kg	☼	66	32 - 150
Endrin	1.74	U	19.0	16.89		ug/Kg	☼	89	41 - 150
Endrin aldehyde	1.77	U	19.0	11.89		ug/Kg	☼	63	42 - 150
Endrin ketone	1.75	U	19.0	12.96		ug/Kg	☼	68	25 - 150
gamma-BHC (Lindane)	1.06	U	19.0	16.36		ug/Kg	☼	86	36 - 150
trans-Chlordane	1.42	U	19.0	15.27		ug/Kg	☼	81	41 - 150
Heptachlor	1.06	U	19.0	15.92		ug/Kg	☼	84	35 - 150
Heptachlor epoxide	1.33	U	19.0	15.66		ug/Kg	☼	83	42 - 150
Methoxychlor	9.17	U	19.0	16.76	J	ug/Kg	☼	88	48 - 150

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 600-175885-7 MS
Matrix: Solid
Analysis Batch: 252201

Client Sample ID: 3006-SS-7
Prep Type: Total/NA
Prep Batch: 252040

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	102		47 - 150
Tetrachloro-m-xylene	87		50 - 143

Lab Sample ID: 600-175885-7 MSD
Matrix: Solid
Analysis Batch: 252201

Client Sample ID: 3006-SS-7
Prep Type: Total/NA
Prep Batch: 252040

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	1.84	U	19.0	16.51		ug/Kg	☼	87	60 - 150	1	30
4,4'-DDE	1.65	U	19.0	18.28		ug/Kg	☼	96	46 - 150	4	30
4,4'-DDT	2.10	U	19.0	16.64		ug/Kg	☼	88	46 - 150	3	30
Aldrin	1.49	U	19.0	18.91		ug/Kg	☼	100	42 - 150	3	30
alpha-BHC	1.14	U	19.0	19.06		ug/Kg	☼	101	63 - 130	6	30
cis-Chlordane	1.81	U	19.0	17.62		ug/Kg	☼	93	40 - 150	6	30
beta-BHC	1.16	U	19.0	18.27		ug/Kg	☼	96	32 - 150	3	30
delta-BHC	0.966	U	19.0	20.28		ug/Kg	☼	107	33 - 150	18	30
Dieldrin	1.58	U	19.0	18.35		ug/Kg	☼	97	42 - 150	4	30
Endosulfan I	1.14	U	19.0	16.97		ug/Kg	☼	89	37 - 150	4	30
Endosulfan II	1.72	U	19.0	16.72		ug/Kg	☼	88	43 - 150	9	30
Endosulfan sulfate	1.91	U	19.0	13.78		ug/Kg	☼	73	32 - 150	10	30
Endrin	1.74	U	19.0	17.36		ug/Kg	☼	92	41 - 150	3	30
Endrin aldehyde	1.77	U	19.0	13.19		ug/Kg	☼	70	42 - 150	10	30
Endrin ketone	1.75	U	19.0	14.48		ug/Kg	☼	76	25 - 150	11	30
gamma-BHC (Lindane)	1.06	U	19.0	17.18		ug/Kg	☼	91	36 - 150	5	30
trans-Chlordane	1.42	U	19.0	16.12		ug/Kg	☼	85	41 - 150	5	30
Heptachlor	1.06	U	19.0	16.26		ug/Kg	☼	86	35 - 150	2	30
Heptachlor epoxide	1.33	U	19.0	16.50		ug/Kg	☼	87	42 - 150	5	30
Methoxychlor	9.17	U	19.0	19.23	J	ug/Kg	☼	101	48 - 150	14	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	221	X	47 - 150
Tetrachloro-m-xylene	88		50 - 143

Method: 8151 - Herbicides

Lab Sample ID: MB 600-251745/1-A
Matrix: Solid
Analysis Batch: 251927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	1.13	U	13.3	1.13	ug/Kg		11/08/18 15:42	11/12/18 13:46	1
2,4-DB	2.19	U	13.3	2.19	ug/Kg		11/08/18 15:42	11/12/18 13:46	1
Dicamba	1.53	U	13.3	1.53	ug/Kg		11/08/18 15:42	11/12/18 13:46	1
Dichlorprop	1.50	U	13.3	1.50	ug/Kg		11/08/18 15:42	11/12/18 13:46	1
Dinoseb	1.06	U	13.3	1.06	ug/Kg		11/08/18 15:42	11/12/18 13:46	1
Mecoprop	153	U	1330	153	ug/Kg		11/08/18 15:42	11/12/18 13:46	1
MCPA	216	U	1330	216	ug/Kg		11/08/18 15:42	11/12/18 13:46	1

Method: 8151 - Herbicides (Continued)

Lab Sample ID: MB 600-251745/1-A
Matrix: Solid
Analysis Batch: 251927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.46	U	13.3	1.46	ug/Kg		11/08/18 15:42	11/12/18 13:46	1
Silvex (2,4,5-TP)	1.43	U	13.3	1.43	ug/Kg		11/08/18 15:42	11/12/18 13:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*28*		*22 - 130*	*11/08/18 15:42*	*11/12/18 13:46*	*1*

Lab Sample ID: LCS 600-251745/2-A
Matrix: Solid
Analysis Batch: 251927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 251745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	26.5	41.07		ug/Kg		155	33 - 159
2,4-DB	26.5	33.67		ug/Kg		127	39 - 157
Dicamba	26.5	11.41	J	ug/Kg		43	22 - 146
Dichlorprop	26.5	19.88		ug/Kg		75	22 - 179
Dinoseb	26.5	13.25	J	ug/Kg		50	12 - 122
Mecoprop	2650	1905		ug/Kg		72	26 - 143
MCPA	2650	1739		ug/Kg		66	12 - 158
2,4,5-T	26.5	33.02		ug/Kg		124	24 - 165
Silvex (2,4,5-TP)	26.5	18.07		ug/Kg		68	32 - 160

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*41*		*22 - 130*

Method: 2540B - Percent Moisture

Lab Sample ID: 600-175885-1 DU
Matrix: Solid
Analysis Batch: 251788

Client Sample ID: 3006-SS-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	13.7		13.8		%		0.5	20
Percent Solids	86.3		86.2		%		0.07	20

GC/MS VOA

Analysis Batch: 251686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1	3006-SS-1	Total/NA	Solid	8260B	251739
600-175885-2	3006-SS-2	Total/NA	Solid	8260B	251739
600-175885-3	3006-SS-3	Total/NA	Solid	8260B	251739
600-175885-4	3006-SS-4	Total/NA	Solid	8260B	251739
600-175885-5	3006-SS-5	Total/NA	Solid	8260B	251739
600-175885-6	3006-SS-6	Total/NA	Solid	8260B	251739
600-175885-7	3006-SS-7	Total/NA	Solid	8260B	251739
MB 600-251686/6	Method Blank	Total/NA	Solid	8260B	
LCS 600-251686/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 600-251686/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 251739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1	3006-SS-1	Total/NA	Solid	5035	
600-175885-2	3006-SS-2	Total/NA	Solid	5035	
600-175885-3	3006-SS-3	Total/NA	Solid	5035	
600-175885-4	3006-SS-4	Total/NA	Solid	5035	
600-175885-5	3006-SS-5	Total/NA	Solid	5035	
600-175885-6	3006-SS-6	Total/NA	Solid	5035	
600-175885-7	3006-SS-7	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 251808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1	3006-SS-1	Total/NA	Solid	3546	
600-175885-2	3006-SS-2	Total/NA	Solid	3546	
600-175885-3	3006-SS-3	Total/NA	Solid	3546	
600-175885-4	3006-SS-4	Total/NA	Solid	3546	
600-175885-5	3006-SS-5	Total/NA	Solid	3546	
600-175885-6	3006-SS-6	Total/NA	Solid	3546	
600-175885-7	3006-SS-7	Total/NA	Solid	3546	
MB 600-251808/1-A	Method Blank	Total/NA	Solid	3546	
LCS 600-251808/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 251946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1	3006-SS-1	Total/NA	Solid	8270C	251808
600-175885-2	3006-SS-2	Total/NA	Solid	8270C	251808
600-175885-3	3006-SS-3	Total/NA	Solid	8270C	251808
600-175885-4	3006-SS-4	Total/NA	Solid	8270C	251808
600-175885-5	3006-SS-5	Total/NA	Solid	8270C	251808
600-175885-6	3006-SS-6	Total/NA	Solid	8270C	251808
600-175885-7	3006-SS-7	Total/NA	Solid	8270C	251808
MB 600-251808/1-A	Method Blank	Total/NA	Solid	8270C	251808
LCS 600-251808/2-A	Lab Control Sample	Total/NA	Solid	8270C	251808

GC Semi VOA

Prep Batch: 251745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1	3006-SS-1	Total/NA	Solid	8151A	
600-175885-2	3006-SS-2	Total/NA	Solid	8151A	
600-175885-3	3006-SS-3	Total/NA	Solid	8151A	
600-175885-4	3006-SS-4	Total/NA	Solid	8151A	
600-175885-5	3006-SS-5	Total/NA	Solid	8151A	
600-175885-6	3006-SS-6	Total/NA	Solid	8151A	
600-175885-7	3006-SS-7	Total/NA	Solid	8151A	
MB 600-251745/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 600-251745/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Analysis Batch: 251927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1	3006-SS-1	Total/NA	Solid	8151	251745
600-175885-2	3006-SS-2	Total/NA	Solid	8151	251745
600-175885-3	3006-SS-3	Total/NA	Solid	8151	251745
600-175885-4	3006-SS-4	Total/NA	Solid	8151	251745
600-175885-5	3006-SS-5	Total/NA	Solid	8151	251745
600-175885-6	3006-SS-6	Total/NA	Solid	8151	251745
600-175885-7	3006-SS-7	Total/NA	Solid	8151	251745
MB 600-251745/1-A	Method Blank	Total/NA	Solid	8151	251745
LCS 600-251745/2-A	Lab Control Sample	Total/NA	Solid	8151	251745

Prep Batch: 252040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1 - DL	3006-SS-1	Total/NA	Solid	3546	
600-175885-1 - DL2	3006-SS-1	Total/NA	Solid	3546	
600-175885-1	3006-SS-1	Total/NA	Solid	3546	
600-175885-2 - DL	3006-SS-2	Total/NA	Solid	3546	
600-175885-2 - DL2	3006-SS-2	Total/NA	Solid	3546	
600-175885-2	3006-SS-2	Total/NA	Solid	3546	
600-175885-3	3006-SS-3	Total/NA	Solid	3546	
600-175885-4	3006-SS-4	Total/NA	Solid	3546	
600-175885-5	3006-SS-5	Total/NA	Solid	3546	
600-175885-6	3006-SS-6	Total/NA	Solid	3546	
600-175885-7	3006-SS-7	Total/NA	Solid	3546	
MB 600-252040/1-A	Method Blank	Total/NA	Solid	3546	
LCS 600-252040/2-A	Lab Control Sample	Total/NA	Solid	3546	
600-175885-7 MS	3006-SS-7	Total/NA	Solid	3546	
600-175885-7 MSD	3006-SS-7	Total/NA	Solid	3546	

Analysis Batch: 252201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1	3006-SS-1	Total/NA	Solid	8081A	252040
600-175885-2	3006-SS-2	Total/NA	Solid	8081A	252040
600-175885-3	3006-SS-3	Total/NA	Solid	8081A	252040
600-175885-4	3006-SS-4	Total/NA	Solid	8081A	252040
600-175885-5	3006-SS-5	Total/NA	Solid	8081A	252040
600-175885-6	3006-SS-6	Total/NA	Solid	8081A	252040
600-175885-7	3006-SS-7	Total/NA	Solid	8081A	252040
MB 600-252040/1-A	Method Blank	Total/NA	Solid	8081A	252040
LCS 600-252040/2-A	Lab Control Sample	Total/NA	Solid	8081A	252040

GC Semi VOA (Continued)

Analysis Batch: 252201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-7 MS	3006-SS-7	Total/NA	Solid	8081A	252040
600-175885-7 MSD	3006-SS-7	Total/NA	Solid	8081A	252040

Analysis Batch: 252496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1 - DL	3006-SS-1	Total/NA	Solid	8081A	252040
600-175885-1 - DL2	3006-SS-1	Total/NA	Solid	8081A	252040
600-175885-2 - DL	3006-SS-2	Total/NA	Solid	8081A	252040
600-175885-2 - DL2	3006-SS-2	Total/NA	Solid	8081A	252040

General Chemistry

Analysis Batch: 251788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-175885-1	3006-SS-1	Total/NA	Solid	2540B	
600-175885-2	3006-SS-2	Total/NA	Solid	2540B	
600-175885-3	3006-SS-3	Total/NA	Solid	2540B	
600-175885-4	3006-SS-4	Total/NA	Solid	2540B	
600-175885-5	3006-SS-5	Total/NA	Solid	2540B	
600-175885-6	3006-SS-6	Total/NA	Solid	2540B	
600-175885-7	3006-SS-7	Total/NA	Solid	2540B	
600-175885-1 DU	3006-SS-1	Total/NA	Solid	2540B	

Lab Chronicle

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allan - VA Cemetery 11-017-18

TestAmerica Job ID: 600-175885-1

Client Sample ID: 3006-SS-1
Date Collected: 11/07/18 09:30
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540B		1			251788	11/09/18 08:20	DTN	TAL HOU

Client Sample ID: 3006-SS-1
Date Collected: 11/07/18 09:30
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-1
Matrix: Solid
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.5 g	5 mL	251739	11/08/18 08:20	WS1	TAL HOU
Total/NA	Analysis	8260B		1	5 g	5 g	251686	11/08/18 15:42	WS1	TAL HOU
Total/NA	Prep	3546			15.03 g	1.0 mL	251808	11/09/18 11:36	EAT	TAL HOU
Total/NA	Analysis	8270C		1			251946	11/12/18 20:36	TTD	TAL HOU
Total/NA	Prep	3546			15.03 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/15/18 20:21	JAL	TAL HOU
Total/NA	Prep	3546	DL		15.03 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A	DL	2			252496	11/20/18 12:31	JAL	TAL HOU
Total/NA	Prep	3546	DL2		15.03 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A	DL2	20			252496	11/20/18 12:56	JAL	TAL HOU
Total/NA	Prep	8151A			15.02 g	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 18:22	JAL	TAL HOU

Client Sample ID: 3006-SS-2
Date Collected: 11/07/18 09:43
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540B		1			251788	11/09/18 08:20	DTN	TAL HOU

Client Sample ID: 3006-SS-2
Date Collected: 11/07/18 09:43
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-2
Matrix: Solid
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.87 g	5 mL	251739	11/08/18 08:20	WS1	TAL HOU
Total/NA	Analysis	8260B		1	5 g	5 g	251686	11/08/18 16:06	WS1	TAL HOU
Total/NA	Prep	3546			15.01 g	1.0 mL	251808	11/09/18 11:36	EAT	TAL HOU
Total/NA	Analysis	8270C		1			251946	11/12/18 21:09	TTD	TAL HOU
Total/NA	Prep	3546			15.04 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/15/18 20:46	JAL	TAL HOU
Total/NA	Prep	3546	DL		15.04 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A	DL	10			252496	11/20/18 13:21	JAL	TAL HOU
Total/NA	Prep	3546	DL2		15.04 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A	DL2	50			252496	11/20/18 13:46	JAL	TAL HOU
Total/NA	Prep	8151A			15.07 g	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU

Lab Chronicle

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allan - VA Cemetery 11-017-18

TestAmerica Job ID: 600-175885-1

Client Sample ID: 3006-SS-2
Date Collected: 11/07/18 09:43
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-2
Matrix: Solid
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8151		1			251927	11/12/18 18:47	JAL	TAL HOU

Client Sample ID: 3006-SS-3
Date Collected: 11/07/18 09:53
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540B		1			251788	11/09/18 08:20	DTN	TAL HOU

Client Sample ID: 3006-SS-3
Date Collected: 11/07/18 09:53
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-3
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.65 g	5 mL	251739	11/08/18 08:20	WS1	TAL HOU
Total/NA	Analysis	8260B		1	5 g	5 g	251686	11/08/18 16:30	WS1	TAL HOU
Total/NA	Prep	3546			15.00 g	1.0 mL	251808	11/09/18 11:36	EAT	TAL HOU
Total/NA	Analysis	8270C		5			251946	11/12/18 21:42	TTD	TAL HOU
Total/NA	Prep	3546			15.01 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/15/18 21:11	JAL	TAL HOU
Total/NA	Prep	8151A			15.07 g	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 19:11	JAL	TAL HOU

Client Sample ID: 3006-SS-4
Date Collected: 11/07/18 09:57
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540B		1			251788	11/09/18 08:20	DTN	TAL HOU

Client Sample ID: 3006-SS-4
Date Collected: 11/07/18 09:57
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-4
Matrix: Solid
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4 g	5 mL	251739	11/08/18 08:20	WS1	TAL HOU
Total/NA	Analysis	8260B		1	5 g	5 g	251686	11/08/18 16:54	WS1	TAL HOU
Total/NA	Prep	3546			15.00 g	1.0 mL	251808	11/09/18 11:36	EAT	TAL HOU
Total/NA	Analysis	8270C		5			251946	11/12/18 22:15	TTD	TAL HOU
Total/NA	Prep	3546			15.06 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/15/18 21:35	JAL	TAL HOU
Total/NA	Prep	8151A			15.09 g	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 19:36	JAL	TAL HOU

Lab Chronicle

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allan - VA Cemetery 11-017-18

TestAmerica Job ID: 600-175885-1

Client Sample ID: 3006-SS-5
Date Collected: 11/07/18 10:05
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540B		1			251788	11/09/18 08:20	DTN	TAL HOU

Client Sample ID: 3006-SS-5
Date Collected: 11/07/18 10:05
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-5
Matrix: Solid
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	251739	11/08/18 08:20	WS1	TAL HOU
Total/NA	Analysis	8260B		1	5 g	5 g	251686	11/08/18 17:18	WS1	TAL HOU
Total/NA	Prep	3546			15.00 g	1.0 mL	251808	11/09/18 11:36	EAT	TAL HOU
Total/NA	Analysis	8270C		5			251946	11/12/18 22:48	TTD	TAL HOU
Total/NA	Prep	3546			15.07 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/15/18 22:00	JAL	TAL HOU
Total/NA	Prep	8151A			15.02 g	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 20:00	JAL	TAL HOU

Client Sample ID: 3006-SS-6
Date Collected: 11/07/18 10:10
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540B		1			251788	11/09/18 08:20	DTN	TAL HOU

Client Sample ID: 3006-SS-6
Date Collected: 11/07/18 10:10
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-6
Matrix: Solid
Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1.99 g	5 mL	251739	11/08/18 08:20	WS1	TAL HOU
Total/NA	Analysis	8260B		1	5 g	5 g	251686	11/08/18 17:42	WS1	TAL HOU
Total/NA	Prep	3546			15.04 g	1.0 mL	251808	11/09/18 11:36	EAT	TAL HOU
Total/NA	Analysis	8270C		5			251946	11/12/18 23:21	TTD	TAL HOU
Total/NA	Prep	3546			15.08 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/15/18 22:24	JAL	TAL HOU
Total/NA	Prep	8151A			15.08 g	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 20:24	JAL	TAL HOU

Lab Chronicle

Client: Booz Allen Hamilton Inc
Project/Site: Booz Allan - VA Cemetery 11-017-18

TestAmerica Job ID: 600-175885-1

Client Sample ID: 3006-SS-7

Date Collected: 11/07/18 10:27
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540B		1			251788	11/09/18 08:20	DTN	TAL HOU

Client Sample ID: 3006-SS-7

Date Collected: 11/07/18 10:27
Date Received: 11/07/18 13:13

Lab Sample ID: 600-175885-7
Matrix: Solid
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.25 g	5 mL	251739	11/08/18 08:20	WS1	TAL HOU
Total/NA	Analysis	8260B		1	5 g	5 g	251686	11/08/18 18:06	WS1	TAL HOU
Total/NA	Prep	3546			15.01 g	1.0 mL	251808	11/09/18 11:36	EAT	TAL HOU
Total/NA	Analysis	8270C		1			251946	11/12/18 23:54	TTD	TAL HOU
Total/NA	Prep	3546			15.04 g	5.0 mL	252040	11/13/18 15:06	RLK	TAL HOU
Total/NA	Analysis	8081A		1			252201	11/15/18 22:49	JAL	TAL HOU
Total/NA	Prep	8151A			15.07 g	5.0 mL	251745	11/08/18 15:42	SMB	TAL HOU
Total/NA	Analysis	8151		1			251927	11/12/18 20:49	JAL	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Accreditation/Certification Summary

Client: Booz Allen Hamilton Inc
TestAmerica Job ID: 600-175885-1
Project/Site: Booz Allan - VA Cemetery 11-017-18

Laboratory: TestAmerica Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Texas	NELAP	6	T104704223-18-23	10-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540B		Solid	Percent Moisture
2540B		Solid	Percent Solids
8260B	5035	Solid	Cyclohexane

Joiner, Dean

From: Bolch, Scott [USA] <Bolch_Scott@bah.com>
Sent: Tuesday, December 04, 2018 11:52 AM
To: Joiner, Dean
Cc: Kudchadkar, Sachin
Subject: Re: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

-External Email-

That is correct sir

Scott Austin Bolch
(770) 634-1644
Sent via mobile device

From: Joiner, Dean <Dean.Joiner@testamericainc.com>
Sent: Tuesday, December 4, 2018 12:51:03 PM
To: Bolch, Scott [USA]
Cc: Kudchadkar, Sachin
Subject: RE: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

Scott just to confirm you need both jobs updated. This would include jobs

600-175884
600-175885

From: Bolch, Scott [USA] [mailto:Bolch_Scott@bah.com]
Sent: Tuesday, December 04, 2018 9:34 AM
To: Joiner, Dean
Cc: Kudchadkar, Sachin
Subject: RE: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

-External Email-

Good morning Dean,

Can you please revise the sample names on these reports? The samples were labelled with “2501” and need to read “3006”.

Thank you,

Scott Austin Bolch
770-634-1644

From: Bolch, Scott [USA]
Sent: Monday, November 26, 2018 7:29 AM
To: 'Joiner, Dean' <Dean.Joiner@testamericainc.com>
Cc: 'sachin.kudchadkar@testamericainc.com' <sachin.kudchadkar@testamericainc.com>
Subject: RE: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

Good morning Dean,

Can you please send the results for the Houston Phase II as excel files as well?

Thank you,

Scott Austin Bolch
770-634-1644

From: Kudchadkar, Sachin <sachin.kudchadkar@testamericainc.com>
Sent: Wednesday, November 21, 2018 4:00 PM
To: Bolch, Scott [USA] <Bolch_Scott@bah.com>
Subject: [External] TestAmerica report files from 600-175884-1 Booz Allen VA Cemetery 11-07-18

Hello,

Attached please find the report files for job 600-175884-1; Booz Allen VA Cemetery 11-07-18

Please feel free to contact me or your PM Dean Joiner if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: Project Feedback

SACHIN G KUDCHADKAR
Project Manager

TestAmerica Houston
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 713.690.4444
www.testamericainc.com

Reference: [459854]
Attachments: 1

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Scott Bolch	Lab PM: Joiner, Dean A	Carrier Tracking No(s):	COC No: 600-64234-17961.1
Client Contact: Scott Bolch	Phone: 770 634-1644	E-Mail: dean.joiner@testamericainc.com		Page: Page 1 of 2
Company: Booz Allen Hamilton Inc				Job #:

Address: 1349 West Peachtree Street NW Suite 1400	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Atlanta	TAT Requested (days): 10 WD TAT Level 3e ✓		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: GA, 30309			
Phone: 770-634-1644(Tel)	PO #: Purchase Order Requested		Other:
Email: Bolch_Scott@bah.com	WO #:		
Project Name: Houston, TX - VA Cemetery	Project #: 60010322 Analysis Grp: Soil Samples;Wipe Samples		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL Volatiles TX - default (Soil)	8081A - Pesticide (Soil)	8151A - Herbicide (Soil)	8270C - TCL 4.2 Default List (Soil)	Moisture -(Soil)	8260B - TCL Volatiles TX - default (Wipe)	8270C - TCL 4.2 Default List (Wipe)	8081A Pesticide (Wipe)	8151A - Herbicide (Wipe)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	F	N	M	M		
2501-SS-1	11/7/18	09:30	G	Solid			4	1	1+1	1						7	
2501-SS-2	11/7/18	09:43	G	Solid			4	1	1+1	1						4	
2501-SS-3	11/7/18	09:53	G	Solid												4	
2501-SS-4	11/7/18	09:57	G	Solid												4	
2501-SS-5	11/7/18	10:05	G	Solid												4	
2501-SS-6	11/7/18	10:10	G	Solid												4	
2501-SS-7	11/7/18	10:27	G	Solid												4	
				Solid												4	
				Solid												4	
				Wipe												8	
				Wipe												8	

600-175885 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11/7/18 1130	BAH		11-7-18 / 1313	VA Houston
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 08/04/2016

TestAmerica Houston

Loc: 600
175885

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Sample Receipt Checklist

Date/Time Received: '18 NOV 7 13:13

JOB NUMBER: _____

CLIENT: Booz Allen Hamilton

UNPACKED BY: [illegible]

CARRIER/DRIVER: client

Custody Seal Present: ☐ YES ☒ NO

Number of Coolers Received: 1

Cooler ID	Temp Blank	Trip Blank	Observed Temp (°C)	Therm ID	Them CF	Corrected Temp (°C)
W	Y / N	Y / N	18.9	IR678	-0.3	18.6
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				

CF = correction factor

Samples received on ice? ☒ YES ☐ NO

LABORATORY PRESERVATION OF SAMPLES REQUIRED: ☐ NO ☐ YES

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

pH paper Lot #_____

VOA headspace acceptable (5-6mm): ☐ YES ☐ NO ☑ NA

	YES	NO
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓	

COMMENTS: Chill in Progress

Login Sample Receipt Checklist

Client: Booz Allen Hamilton Inc

Job Number: 600-175885-1

Login Number: 175885
List Number: 1
Creator: Taylor, Jaquelyn R

List Source: TestAmerica Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	18.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

About Booz Allen

For more than 100 years, business, government, and military leaders have turned to Booz Allen Hamilton to solve their most complex problems. They trust us to bring together the right minds: those who devote themselves to the challenge at hand, who speak with relentless candor, and who act with courage and character. They expect original solutions where there are no roadmaps. They rely on us because they know that—together—we will find the answers and change the world. To learn more, visit BoozAllen.com.

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Expanded Phase II Environmental Site Assessment

HOUSTON NATIONAL CEMETERY – BUILDING 3006

HOUSTON, TX

JUNE 28, 2019

CONSULTING | ANALYTICS | DIGITAL SOLUTIONS | ENGINEERING | CYBER

This Phase II Environmental Site Assessment (ESA) was performed in accordance with the guidelines outlined in the ASTM E1903-11. Methodologies include interviews with individuals familiar with the subject property, sample collection and analysis, and report preparation. Information obtained in interviews and the sites reconnaissance were recorded and reviewed before inclusion into this report. All information obtained during the Phase II ESA and subsequently included within this report is believed to be reliable. The purpose of this Phase II ESA is to provide the VA with information regarding the RECs identified at the subject property during the Phase I ESA.

This report was prepared by Scott Bolch and Joseph Tomberlin, consultants with Booz Allen Hamilton. These individuals have a combined experience in the environmental industry of more than 30 years.

This Phase II ESA has been prepared by:

Booz Allen Hamilton
Scott Austin Bolch
Environmental Professional

1 EXECUTIVE SUMMARY

1.1 Purpose

The purpose of this Expanded Phase II Environmental Site Assessment (ESA) was to further delineate the impacts of Recognized Environmental Conditions (RECs) associated with the subject property, which were identified during the Phase I ESA and partially delineated in a previous Phase II. This report documents the findings, opinions, and conclusions of the Expanded Phase II ESA. Booz Allen has performed this Expanded Phase II environmental site assessment at the property at 1621 Aldine Western Road, Houston, Harris County, TX 77038 in conformance with the scope and limitations of ASTM Standard Practice E 1903-11 and for the following objectives:

To determine the horizontal and vertical extent and degree of contamination present in soil and groundwater near both buildings comprising Building 3006, the entire VA/National Cemetery Property, and the public right-of-way along Aldine Road.

A total of 69 soil samples from 23 locations and 7 groundwater samples were collected and analyzed by a laboratory for SVOCs (SW-846 8270C) and pesticides (SW-846 8081A). This report summarizes the extent and degree of contamination reported in sample results from all Phase II studies and provides recommendations for remedial activities.

1.2 Scope

The purpose of this Expanded Phase II ESA was to investigate potential soil contamination posed by the RECs identified during the Phase I and initial Phase II ESAs. This Expanded Phase II ESA was conducted in general accordance with the ASTM Standard Practice E1903-11, consistent with a level of care and skill ordinarily practiced by the environmental consulting professional currently providing similar services under similar circumstances. Any significant additions, deletions, or exceptions to ASTM Standard Practice E1903-11 are discussed in the corresponding sections of this report and noted in Section 6.0.

1.3 Findings and Conclusions Summary

Booz Allen performed a Phase I ESA of the subject property in August 2018 in conformance with the scope and limitations of ASTM Standard Practice for Environmental Site Assessments E1527-13. Booz Allen identified the following RECs that may affect suitability of the subject property for its intended uses:

- The “Milk House” on the north side of Building 3006 contained several bottles of regulated pesticides/herbicides such as Amine 4 (2,4-D) weed killer and a jug of Chlordane. The improper storage of regulated substances has resulted in staining along the concrete floor near a floor drain found within the Milk House. Additionally, a septic system with a drain field is located on the subject property; although the exact location of the drain field was unknown at the time of the Phase I ESA. The potential for contaminants to migrate from Building 3006’s drains and deposit contaminants in soil presented a REC for the subject property.
- The “Shed” on the south side of Building 3006 contained several bottles and drums of petroleum products, and staining was visible on the wooden floor of the building. It was believed that a crawlspace underlies the building with exposed soil directly underneath the floor. The potential for contaminants to leach from Building 3006’s floors to the underlying soil presented a REC for the subject property.

Booz Allen conducted a Phase II ESA to characterize the site on November 7, 2018. Based on the findings of the Phase I ESA, four wipe samples and seven surface soil samples were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, and herbicides. Wipe samples were collected from the visibly-stained wood and concrete flooring in the two outbuildings, and soil samples were collected from around the exterior of the outbuildings and along a drain pipe leading northward, offsite toward Aldine Western Road. Booz Allen utilized the services of Ground Penetrating Radar Systems (GPRS) to provide subsurface mapping of utilities and to locate the septic system and drain field.

Analysis of the two soil samples collected from beneath the floor of the Shed (2601-SS-1 and 2601-SS-2) yielded results indicative of a release of Dieldrin, a pesticide, to surface soil. These results exceeded the Texas Commission on Environmental Quality’s (TCEQ’s) Protective Concentration Levels (PCLs) for residential soil. Sample 2501-SS-2 also exceeded the commercial PCL for Dieldrin.

4-Chlorophenyl phenyl ether, an SVOC, was detected above the residential PCL in all soil samples collected during the initial Phase II ESA, and above commercial PCLs in four of the samples (2501-SS-3, 2501-SS-4, 2501-SS-5, and 2501-SS-6). 4-Bromophenyl phenyl ether was detected above the residential PCL at four sample locations (2501-SS-3, 2501-SS-4, 2501-SS-5, and 2501-SS-6), and above the commercial PCL in Sample 2501-SS-6. Hexachlorobenzene was also detected above the residential PCL at four sample locations (2501-SS-3, 2501-SS-4, 2501-SS-5, and 2501-SS-6).

Booz Allen conducted an Expanded Phase II ESA from May 21 to 22, 2019 to further characterize the site. To delineate the exceedances observed during the initial Phase II ESA, 69 soil samples were collected from 23 locations and analyzed for SVOCs and pesticides. Groundwater grab samples were collected from six locations around the site via the installation of temporary PVC wells. Booz Allen utilized the services of GPRS to mark utilities and locate the septic system and drain field.

The analytical data obtained during the Expanded Phase II ESA indicate that the contamination discovered during the initial Phase II ESA appears to be confined to the footprint of the shed building of Building 3006. Based on the analytical results of the Expanded Phase II ESA, Booz Allen recommends the following actions at the subject property:

- Remedial action to bring the Dieldrin impacted soil identified during the initial Phase II ESA into compliance. Remedial actions would include the excavation and disposal of the top 2 feet of soils at the locations where contamination is present.

2 SITE DESCRIPTION

2.1 Site Use and Location

CURRENT SITE USE: VA HOUSTON NATIONAL CEMETERY

HISTORIC SITE USE: AGRICULTURAL – CATTLE GRAZING

ADDRESS: 1621 ALDINE WESTERN ROAD

HOUSTON, TX 77038

COUNTY: HARRIS COUNTY

LATITUDE: 29.935224° NORTH

LONGITUDE: 95.440313° WEST

ACREAGE: 183 ACRES

ELEVATION: 95 feet above mean sea level

SITE ACCESS CONTACT: Mr. Scott Weber

SITE INVESTIGATION DATE: MAY 21-22, 2019

SITE ASSESSOR: Scott Austin Bolch, Environmental Professional, Booz Allen Hamilton

2.2 Location and Legal Description

The subject property includes two outbuildings, collectively known as Building 3006, located in Houston, Texas towards the northeastern boundary of the VA's Houston National Cemetery property. The subject property's is located at 1621 Aldine Western Road and adjacent areas encompass approximately 183 acres of agricultural land. The subject property is located at approximately 29.935224° north latitude and 95.440313° west longitude. The subject property is owned by the VA but is leased for agricultural purposes to Mr. Wayne Benfer. The VA plans to demolish the outbuildings.

The User provided Booz Allen with due diligence information regarding the outbuildings, including their total gross square feet (GSF) and build years. Although the build year of the outbuildings were listed as 1963, Booz Allen's review of historical aerial photographs during the Phase I ESA indicates that the outbuildings were constructed sometime between approximately 1944 and 1953, when the outbuildings are first observed on the subject property.

2.3 Surrounding Area General Characteristics

The area surrounding the subject property is owned by the VA and is described as the "Houston National Cemetery". The subject site is located in a developed residential, commercial, and light industrial area within the city of Houston, Texas. Areas to the east of the site appear to be topographically downgradient from the subject property, and areas to the north of the site appear to be topographically upgradient from the site.

The Houston National Cemetery is west of the subject property and includes an administration building, burial sites, and paved access roads. Adjoining the subject property to the immediate east, south, and west is approximately 183 acres of agricultural land associated with previous cattle grazing. Aldine Western Road bounds the subject property to the north.

The local area consists primarily of single-family residences, commercial buildings, and industrial buildings and warehouses.

Adjoining Properties

North	Aldine Western Road borders the subject property to the north. A horse pasture and associated stables adjoins the site to the north. Farther north is the Sam Houston Tollway.
Northeast	Across Aldine Western Road is Petroleum Oil Tools Inc. (1620 Aldine Western Road). The facility includes an industrial warehouse and adjacent administration building, a retention pond, and an aboveground storage tank (AST). The intersection of Sharmon Road and Aldine Western Road is located farther northeast of the site.
East	An open field previously used for agricultural purposes is adjacent to the subject property.
South	A dirt access road extends from the subject property farther south into an open field previously used for agricultural purposes. Farther south is a residential area.
West	An open field previously used for agricultural purposes is adjacent to the subject property. Beyond is The Houston National Cemetery, including a minor excavation site, burial grounds, paved access roads, and an administration building (10410 Veterans Memorial Drive). Also, west of the subject property, and adjacent to The Houston National Cemetery, is a building for Applied Machinery Corporation (1901 Aldine Western Road).
Northwest	Northwest of the subject property is a commercial office building (1717 N. Sam Houston Parkway). Farther northwest is Craig Mechanical Inc. (1900 Aldine Western Road), Late Model Engines (1930 Aldine Western Road), Texas Honing (2000 Aldine Western Road), and Crescent Directional Drilling (2040 Aldine Western Road).

2.4 Current Use of the Subject Property

The subject property includes a residential home and two outbuildings previously used for agricultural purposes, as described in Section 2.2. The buildings were constructed in 1953 and are currently vacant.

An administration building, burial grounds, and paved access roads are located on The Houston National Cemetery property west of the subject property. The subject property is located on outleased land from the Houston National Cemetery.

2.5 Description of Property Improvements

2.5.1 BUILDINGS

The two outbuildings, which collectively are known as Building 3006, have presumed transite siding and tin roofs. Building 3006 is currently unused but has historically been leased for agricultural purposes as part of a dairy farm. The interior of the southern portion of Building 3006, the “Shed”, includes open space with exposed beams, wood-paneled walls, and wood floors. The northern half of Building 3006, the “Milk House”, is comprised of an open entrance space, a back office, a small bathroom, a water heater, and a floor drain. The interior of the northern portion of Building 3006 includes concrete floor and concrete block walls. At the time of the Phase I site reconnaissance, several bottles and buckets of oil, gas, paint, weed killer, lubricant, fertilizer, grease, and hydraulic fluid were observed, including a box of Amine 4 (2,4-D) weed killer, a five-gallon bucket of regal oil, a bucket of lithium grease, and a jug of 72% Chlordane. During the Phase I site reconnaissance, a distinct pesticide/herbicide odor was noted. Evidence of floor staining from the abovementioned containers was observed throughout the interior of Building 3006 and near the floor drains in the northern half of the building.

2.5.2 UTILITIES

The subject property is supplied with electricity by CenterPoint Energy and water utilities by Aldine Municipal. No gas is supplied to the subject property. No sewer connection is on the subject property, and a septic system is reportedly in place with a drain field located on the subject property, although its exact location is unknown.

2.5.3 ROADS/PARKING

An access road off Aldine Western Road is the only paved access to the subject property. The subject site is bound on the east, south, and west by grassed fields previously used for agricultural purposes. Dirt paths lead from the subject property to the south but have no direct access to any other paved roads.

2.5.4 CURRENT USES OF ADJOINING PROPERTIES

The subject property is located on the northern boundary of the Houston National Cemetery and is bordered to the north by Aldine Western Road. The site is adjoined on the east, south, and west by open fields previously used for agricultural purposes. Farther west is the Houston National Cemetery's main facility including an administration office, burial grounds, and paved access roads. The subject site is located in a residential, commercial, and light industrial area of Houston, Texas.

2.6 Physical Setting Sources

2.6.1 TOPOGRAPHY

Based on a review of the USGS Aldine 7.5-minute topographic map dated 2013, the elevation at the subject property is approximately 93 feet above sea level. The topographic profile in the vicinity of the site is generally towards the east. Small ponds are located west and southwest of the subject site on the Houston National Cemetery; many of which are manmade. The nearest surface body of water is the Greens Bayou stream, which is approximately 0.6 miles northwest of the subject site and flows eastward. Greens Bayou is a part of the Greens Bayou watershed and covers an area of roughly 212 square miles including the northern portion of the city of Houston.

Building 3006 sits at an elevation of approximately 94 feet above sea level. Surrounding areas to the south and west are predominantly flat. Areas north of the site are presumed to be topographically upgradient from the subject property. Surface water from Buildings 2501 and 3006 is expected to flow to the east towards Greens Bayou.

2.6.2 GEOLOGY

Based on the review of the United States Geological Survey's (USGS) Texas geologic map, the subject site is underlain by Quaternary Holocene and Quaternary Pleistocene deposits. Quaternary Holocene and Pleistocene deposits are comprised of an upper part clay, silt, sand, and very minor siliceous gravel. A physical evaluation of geologic conditions on or in vicinity of the subject property was not included in the scope of this Phase I ESA.

2.6.3 GROUNDWATER

Based on a review of the USGS Aldine 7.5-minute topographic map dated 2013, the subject property is situated topographically crossgradient from the surrounding properties to the south and west. The topographic profile in the vicinity of the site is generally towards the east. The Greens Bayou stream is northwest of the subject site and flows eastward.

Based on soil observations during the Expanded Phase II site visit, site groundwater is located at an approximate depth of 12 to 14 feet below ground surface.

2.6.4 HISTORICAL SUMMARY

The subject property appeared to have been developed since 1953, when the current on-site buildings were constructed. The Houston National Cemetery began development west of the subject site the following decade and has since continued development throughout at least 2012 when additional ponds and fixtures were constructed. The adjacent areas to the south and east of the subject property have remained undeveloped. No significant changes to the site were identified from 2016 (aerial photograph) until the time of the site reconnaissance. No obvious indications of on-site RECs were identified during the historical review of the site.

Areas surrounding the subject property appear to have been primarily developed since at least 1973 when residential construction began to expand south of the subject site. Areas more directly surrounding the subject property developed throughout the 1970s through the early 2000s, where aerial photographs show the surrounding properties closely resembling that observed at the time of site reconnaissance. No environmentally significant conditions were observed within 1 mile of the subject property during the historical review.

3 WORK PERFORMED AND RATIONALE

3.1 Methodology

On May 21 and 22, 2019, Mr. Scott Bolch and Mr. Daniel Barfield of Booz Allen Hamilton conducted a site investigation of the subject property. See Section 8 to review the site photographs. The purpose of the site inspection was to further delineate the horizontal and vertical extent of the contamination found in the previous Phase I and Phase II activities. There were no limiting conditions present on the subject property at the time of the site visit.

The weather at the time of the site inspection was sunny with clear skies, and the temperature was approximately 95 degrees Fahrenheit. The foreman of the Houston Nation Cemetery, Mr. Scott Weber, escorted Mr. Bolch and Mr. Barfield while on the subject property.

3.2 Sampling and Screening Methods

The objective of the soil sampling was to further delineate the extent of contamination at the subject site. The impact to soil was delineated with 69 soil samples obtained using a GeoProbe drill rig. Surface and subsurface soil samples were collected from 23 sampling locations identified on Figure 1 to determine the nature and extent (both vertical and horizontal) of contamination. Surface soil samples were collected from 0 to 2 feet (ft.) below ground surface (bgs), and subsurface soil samples were collected at every 2-foot interval down to 6 feet bgs and containerized for analytical testing.

Groundwater samples were collected from the subject property at the locations identified on Figure 2, and analyzed to determine the nature and extent of potential contaminants in groundwater. Grab samples were collected at each groundwater sampling location using polyethylene tubing and a peristaltic pump. Since groundwater samples were collected directly from direct push boring locations, no groundwater was purged and no field measurements were collected for water quality parameters. Please see Section 9 to review the site maps and sampling locations for this facility.

The following analyses were conducted for the soil and groundwater samples:

- Semi-volatile organic compounds (EPA Method 8270C), and
- Pesticides (EPA Method 8081A).

After sample collection, a completed label was attached to each sample container and covered with packing tape. The sample containers were wrapped in bubble wrap and then placed in plastic zip-top bags. All samples were placed in a plastic lined ice chest with double-bagged ice. The chain-of-custody (CoC) forms were taped on the inside of the cooler lids, and the coolers were secured with custody seals. The samples were shipped to the Pace National Center for Testing and Innovation in Mt. Juliet, Tennessee. All samples were received by the laboratory in good condition and within 4°C ± 2°C. CoC forms are included in Section 10.

Analytical results were compared to the applicable TCEQ residential soil PCLs, as shown in Section 10.

4 RESULTS

On June 6, 2019, Booz Allen received the analytical results from the Expanded Phase II soil and groundwater sampling event. After a comparison with the TCEQ PCLs (updated April 2018), none of the soil or groundwater samples were reported at concentrations exceeding the TCEQ residential PCLs for any analytes, except as indicated below.

The test results from June 9, 2019 showed exceedances from the TCEQ PCLs for two analytes, 4-bromophenyly phenyl ether and 4-chlorophenyl phenyl ether. However, the reporting limits (RLs) used by the laboratory were above the TCEQ PCLs. Therefore, the results could not be used to confirm that concentrations did not exceed TCEQ PCLs. In order to rectify this, the laboratory analytical report was reproduced on June 13, 2019 with these analytes reported to the method detection limit (MDL). The MDLs in the reproduced lab report were lower than TCEQ PCLs, and confirmed that both analytes were not present in a concentration exceeding TCEQ PCLs in any of the samples collected during the Expanded Phase II.

5 CONCLUSIONS AND RECOMMENDATIONS

Contamination discovered in the initial Phase II was delineated and bounded during the Expanded Phase II. The presence of contamination in soil was confirmed to be limited to the two locations beneath the Shed floor of Building 3006, which were sampled during November 2018. During demolition of the Shed, it is recommended these locations be excavated to dimensions of 2’ x 2’ x 2’ and disposed of as hazardous waste (D020, toxicity for chlordane). It is also recommended confirmatory samples be collected to ensure all residual chlordane contamination in soil is removed and managed appropriately.

It is the opinion of Booz Allen Hamilton that no additional environmental investigation is warranted for the subject site, and that Remedial Action should be conducted to remove the contaminated soil identified in the initial Phase II ESA.

6 DEVIATIONS

This Phase II ESA did not deviate from ASTM E1903-11.

7 REFERENCES

Environmental data, topographic maps, aerial photographs, Certified Sanborn Maps, and City Directories were obtained from EDR using the EDR Radius Map Report with GeoCheck, Order Number 5346175, dated June 27, 2018.

Phase I Environmental Site Assessment Report, Houston National Cemetery – Buildings 2501 and 3006, Booz Allen Hamilton, dated August 31, 2018.

Phase II Environmental Site Assessment Report, Houston National Cemetery – Buildings 2501 and 3006, Booz Allen Hamilton, dated December 21, 2018.

The information regarding geology was obtained from the U.S. Geologic Survey website: https://txpub.usgs.gov/dss/texasgeology/.

8 PHOTOGRAPHIC LOG

1. Photo No.	2. Facility	1. Photo No.	2. Facility
1	Houston VA Cemetery	2	Houston VA Cemetery
3. Date	**4. Photographer**	**3. Date**	**4. Photographer**
May 21, 2019	Scott Bolch	May 21, 2019	Scott Bolch
5. Location		**5. Location**	
Houston, Texas		Houston, Texas	
6. Description		**6. Description**	
View of Geoprobe drill rig collecting soil sample 3006-SS-22.		View of Geoprobe drill rig collecting soil sample 3006-SS-23.	

1. Photo No.	2. Facility	1. Photo No.	2. Facility
3	Houston VA Cemetery	4	Houston VA Cemetery
3. Date	**4. Photographer**	**3. Date**	**4. Photographer**
May 21, 2019	Scott Bolch	May 22, 2019	Scott Bolch
5. Location		**5. Location**	
Houston, Texas		Houston, Texas	
6. Description		**6. Description**	
View of Geoprobe drill rig collecting soil sample 3006-SS-8.		View of Geoprobe drill rig collecting soil sample 3006-SS-15.	

1. Photo No.	2. Facility	1. Photo No.	2. Facility
5	Houston VA Cemetery	6	Houston VA Cemetery
3. Date	**4. Photographer**	**3. Date**	**4. Photographer**
May 22, 2019	Scott Bolch	May 22, 2019	Scott Bolch
5. Location		**5. Location**	
Houston, Texas		Houston, Texas	
6. Description		**6. Description**	
View of Geoprobe drill rig collecting soil sample 3006-SS-17.		View of Geoprobe drill rig collecting soil sample 3006-SS-25.	

1. Photo No.	2. Facility	1. Photo No.	2. Facility
7	Houston VA Cemetery	8	Houston VA Cemetery
3. Date	**4. Photographer**	**3. Date**	**4. Photographer**
May 22, 2019	Scott Bolch	May 22, 2019	Scott Bolch
5. Location		**5. Location**	
Houston, Texas		Houston, Texas	
6. Description		**6. Description**	
View of Geoprobe drill rig collecting soil sample 3006-SS-29.		View of Geoprobe drill rig collecting soil sample 3006-SS-27.	

9 FIGURES

Booz | Allen | Hamilton

Site Location Map
Houston VA Cemetery
Houston, Texas

Figure 1

Booz | Allen | Hamilton

Site Overview Map
Houston VA Cemetery
Houston, Texas

Figure 2

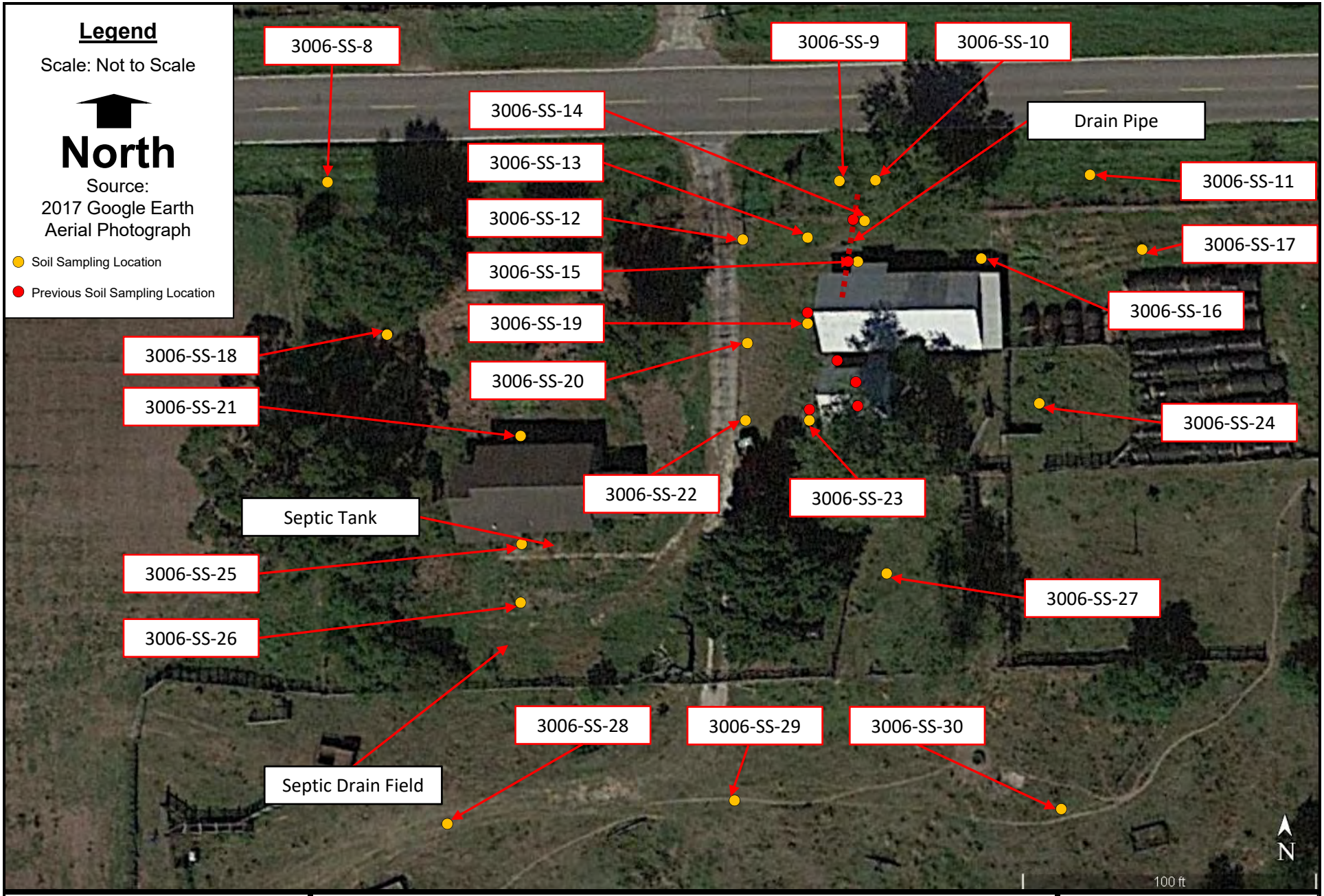
Booz | Allen | Hamilton

Initial Phase II ESA Soil Sample Locations

Houston VA Cemetery

Houston, Texas

Figure 3



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Expanded Phase II ESA Soil Sample Locations

Houston VA Cemetery

Houston, Texas

Figure 4

Booz | Allen | Hamilton

Expanded Phase II ESA Groundwater Sample Locations
Houston VA Cemetery
Houston, Texas

Figure 5

10 ANALYTICAL RESULTS

Houston Phase II Analytical Results														
Sample ID					3006-SS-1	3006-SS-2	3006-SS-3	3006-SS-4	3006-SS-5	3006-SS-6	3006-SS-7	3006-SS-22 (0-2)	3006-SS-22 (2-4)	3006-SS-22 (4-6)
Date Collected				Soil PCLs (Residential)	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	0.00187	0.00192	0.00178	0.00186	0.0019	0.00218	0.00184	<0.0236	<0.0242	<0.0232
8081A	4,4'-DDE	72-55-9	mg/kg	10	0.00168	0.00172	0.00159	0.00167	0.0017	0.00408	0.00165	<0.0236	<0.0242	<0.0232
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	0.00214	0.00219	0.00203	0.00334	0.00217	0.00941	0.0021	<0.0236	<0.0242	<0.0232
8081A	Aldrin	309-00-2	mg/kg	0.05	0.00916	0.0285	0.00144	0.00151	0.00154	0.00176	0.00149	<0.0236	<0.0242	<0.0232
8081A	alpha-BHC	319-84-6	mg/kg	0.26	0.00116	0.00118	0.0011	0.00115	0.00118	0.00135	0.00114	<0.0236	<0.0242	<0.0232
8081A	beta-BHC	319-85-7	mg/kg	0.93	0.00118	0.00121	0.00112	0.00117	0.0012	0.00137	0.00116	<0.0236	<0.0242	<0.0232
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	0.0271	0.0277	0.0257	0.0269	0.0275	0.0315	0.0266	<0.236	<0.242	<0.232
8081A	cis-Chlordane	5103-71-9	mg/kg	13	0.0598	0.313	0.00277	0.00183	0.00187	0.00761	0.00181	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	0.000983	0.00101	0.000933	0.000978	0.000999	0.00114	0.000966	<0.0236	<0.0242	<0.0232
8081A	Dieldrin	60-57-1	mg/kg	0.15	**0.679**	**2.49**	0.0115	0.0084	0.00714	0.0639	0.00158	<0.0236	<0.0242	<0.0232
8081A	Endosulfan I	959-98-8	mg/kg	91	0.00116	0.00118	0.0011	0.00115	0.00118	0.00135	0.00114	<0.0236	<0.0242	<0.0232
8081A	Endosulfan II	33213-65-9	mg/kg	270	0.00175	0.00179	0.00166	0.00174	0.00177	0.00832	0.00172	<0.0236	<0.0242	<0.0232
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	0.00194	0.00199	0.00184	0.00193	0.00197	0.00226	0.00191	<0.0236	<0.0242	<0.0232
8081A	Endrin	72-20-8	mg/kg	9	0.00177	0.00181	0.00168	0.00176	0.0018	0.00206	0.00174	<0.0236	<0.0242	<0.0232
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	0.0018	0.00185	0.00171	0.00179	0.00183	0.0021	0.00177	<0.0236	<0.0242	<0.0232
8081A	Endrin ketone	53494-70-5	mg/kg	19	0.00271	0.00425	0.00169	0.00177	0.00181	0.00207	0.00175	<0.0236	<0.0242	<0.0232
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	0.00108	0.0011	0.00102	0.00107	0.00109	0.00125	0.00106	<0.0236	<0.0242	<0.0232
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	NA	NA	NA	NA	NA	NA	NA	<0.0236	<0.0242	<0.0232
8081A	Heptachlor	76-44-8	mg/kg	0.13	0.00108	0.0011	0.00102	0.00107	0.00109	0.00125	0.00106	<0.0236	<0.0242	<0.0232
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	0.00135	0.00138	0.00128	0.00135	0.00138	0.00157	0.00133	<0.0236	<0.0242	<0.0232
8081A	Methoxychlor	72-43-5	mg/kg	270	0.00933	0.00955	0.00886	0.00929	0.00948	0.0109	0.00917	<0.0236	<0.0242	<0.0232
8081A	Toxaphene	8001-35-2	mg/kg	1.2	0.0845	0.326	0.0802	0.0841	0.0859	0.339	0.0831	<0.472	<0.483	<0.465
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	0.0419	0.225	0.00214	0.00144	0.00147	0.00329	0.00142	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	0.0017	0.00173	0.0016	0.00168	0.00173	0.00197	0.00166	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	0.00131	0.00134	0.00124	0.0013	0.00134	0.00153	0.00129	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	0.00255	0.0026	0.00241	0.00253	0.00259	0.00296	0.0025	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	0.00177	0.00181	0.00168	0.00176	0.00181	0.00206	0.00174	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	0.00174	0.00177	0.00164	0.00172	0.00177	0.00202	0.0017	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	0.00123	0.00126	0.00117	0.00122	0.00126	0.00144	0.00121	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	0.251	0.256	0.237	0.249	0.255	0.292	0.246	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	0.177	0.181	0.167	0.176	0.18	0.206	0.173	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	0.00166	0.00169	0.00157	0.00165	0.00169	0.00193	0.00163	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	0.000953	0.000901	0.000719	0.000792	0.00087	0.00252	0.000675	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	0.00112	0.00106	0.000846	0.000931	0.00102	0.00296	0.000793	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	0.00185	0.00175	0.0014	0.00154	0.00169	0.0049	0.00131	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	0.00094	0.000889	0.00071	0.000781	0.000859	0.00248	0.000665	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	0.00112	0.00106	0.000846	0.000931	0.00102	0.00296	0.000793	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	0.00157	0.00149	0.00119	0.0013	0.00143	0.00415	0.00111	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	0.00254	0.0024	0.00192	0.00211	0.00232	0.0067	0.0018	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	0.00314	0.00297	0.00237	0.00261	0.00287	0.0083	0.00222	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	0.00131	0.00124	0.000992	0.00109	0.0012	0.00347	0.00093	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	0.00103	0.000974	0.000778	0.000856	0.000941	0.00272	0.000729	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	0.00116	0.0011	0.000875	0.000963	0.00106	0.00306	0.00082	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	0.000914	0.000865	0.00069	0.000759	0.000835	0.00241	0.000647	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	0.000914	0.000865	0.00069	0.000759	0.000835	0.00241	0.000647	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	0.00085	0.000804	0.000642	0.000706	0.000776	0.00224	0.000602	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	0.00245	0.00231	0.00185	0.00203	0.00223	0.00646	0.00173	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	0.0013	0.00123	0.000982	0.00108	0.00119	0.00343	0.000921	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	0.00189	0.00179	0.00143	0.00157	0.00173	0.005	0.00134	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	0.00214	0.00202	0.00161	0.00178	0.00195	0.00564	0.00151	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	0.000811	0.000767	0.000612	0.000674	0.000741	0.00214	0.000574	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	0.00085	0.000804	0.000642	0.000706	0.000776	0.00224	0.000602	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	0.00176	0.00167	0.00133	0.00147	0.00161	0.00466	0.00125	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	0.00107	0.00101	0.000807	0.000888	0.000976	0.00282	0.000757	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	0.000708	0.00067	0.000535	0.000588	0.000647	0.00187	0.000501	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	0.00145	0.00138	0.0011	0.00121	0.00133	0.00384	0.00103	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	0.00124	0.00117	0.000933	0.00103	0.00113	0.00326	0.000875	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	0.00229	0.00217	0.00173	0.0019	0.00209	0.00605	0.00162	NA	NA	NA

Houston Phase II Analytical Results														
Sample ID					3006-SS-1	3006-SS-2	3006-SS-3	3006-SS-4	3006-SS-5	3006-SS-6	3006-SS-7	3006-SS-22 (0-2)	3006-SS-22 (2-4)	3006-SS-22 (4-6)
Date Collected				Soil PCLs (Residential)	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	0.0018	0.0017	0.00136	0.0015	0.00165	0.00476	0.00128	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	0.00085	0.000804	0.000642	0.000706	0.000776	0.00224	0.000602	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	0.00214	0.00202	0.00161	0.00178	0.00195	0.00564	0.00151	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	0.00107	0.00101	0.000807	0.000888	0.000976	0.00282	0.000757	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	0.000695	0.000658	0.000525	0.000578	0.000635	0.00184	0.000492	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	0.00247	0.00234	0.00187	0.00205	0.00226	0.00653	0.00175	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	0.00121	0.00114	0.000914	0.00101	0.00111	0.0032	0.000857	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	0.00198	0.00188	0.0015	0.00165	0.00181	0.00524	0.0014	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	0.00131	0.00124	0.000992	0.00109	0.0012	0.00347	0.00093	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	0.00118	0.00112	0.000894	0.000984	0.00108	0.00313	0.000839	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	0.00236	0.00223	0.00178	0.00196	0.00215	0.00622	0.00167	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	0.00282	0.00267	0.00213	0.00234	0.00258	0.00745	0.002	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	0.00196	0.00185	0.00148	0.00163	0.00179	0.00517	0.00139	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	0.00145	0.00138	0.0011	0.00121	0.00133	0.00384	0.00103	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	0.000914	0.000865	0.00069	0.000759	0.000835	0.00241	0.000647	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	0.000914	0.000865	0.00069	0.000759	0.000835	0.00241	0.000647	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	0.00178	0.00168	0.00134	0.00148	0.00162	0.00469	0.00126	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	0.00147	0.00139	0.00111	0.00122	0.00134	0.00388	0.00104	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	0.000747	0.000706	0.000564	0.00062	0.000682	0.00197	0.000529	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	0.0018	0.0017	0.00136	0.0015	0.00165	0.00476	0.00128	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	0.0012	0.00113	0.000904	0.000995	0.00109	0.00316	0.000848	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	0.00116	0.0011	0.000875	0.000963	0.00106	0.00306	0.00082	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	0.00145	0.00138	0.0011	0.00121	0.00133	0.00384	0.00103	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	0.048	0.0492	0.228	0.24	0.245	0.28	0.0472	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	<0.393	<0.402	<0.387
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	0.0718	0.0736	0.341	0.359	0.367	0.419	0.0707	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	0.208	0.213	0.989	1.04	1.06	1.22	0.205	<0.393	<0.402	<0.387
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	0.211	0.216	1	1.06	1.08	1.23	0.208	<0.393	<0.402	<0.387
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	0.0736	0.0754	0.349	0.367	0.376	0.429	0.0724	<0.393	<0.402	<0.387
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	0.148	0.152	0.703	0.739	0.755	0.863	0.146	<0.393	<0.402	<0.387
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	0.0381	0.039	0.181	0.19	0.194	0.222	0.0375	<0.393	<0.402	<0.387
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	0.242	0.248	1.15	1.21	1.24	1.41	0.239	<0.393	<0.402	<0.387
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	0.248	0.255	1.18	1.24	1.27	1.45	0.245	<0.0393	<0.0402	<0.0387
8270C	2-Chlorophenol	95-57-8	mg/kg	410	0.0269	0.0276	0.128	0.135	0.138	0.157	0.0265	<0.393	<0.402	<0.387
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	0.219	0.224	1.04	1.09	1.12	1.28	0.215	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	0.0438	0.0449	0.208	0.219	0.224	0.255	0.0431	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	0.225	0.231	1.07	1.12	1.15	1.31	0.222	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	0.208	0.213	0.988	1.04	1.06	1.21	0.205	<0.393	<0.402	<0.387
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	0.0348	0.0356	0.165	0.174	0.178	0.203	0.0342	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	0.0735	0.0754	0.349	0.367	0.375	0.429	0.0724	<0.393	<0.402	<0.387
8270C	3-Nitroaniline	99-09-2	mg/kg	15	0.245	0.251	1.16	1.22	1.25	1.43	0.241	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	0.239	0.245	1.14	1.2	1.22	1.4	0.236	<0.393	<0.402	<0.387
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	0.231	0.237	**1.1**	**1.16**	**1.18**	**1.35**	0.228	<0.393	<0.402	<0.387
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	0.222	0.228	1.05	1.11	1.13	1.3	0.219	<0.393	<0.402	<0.387
8270C	4-Chloroaniline	106-47-8	mg/kg	23	0.0763	0.0782	0.362	0.381	0.39	0.445	0.0751	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	**0.229**	**0.235**	**1.09**	**1.15**	**1.17**	**1.34**	**0.226**	<0.393	<0.402	<0.387
8270C	4-Nitroaniline	100-01-6	mg/kg	220	0.209	0.214	0.991	1.04	1.07	1.22	0.205	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	0.208	0.213	0.988	1.04	1.06	1.21	0.205	<0.393	<0.402	<0.387
8270C	Acenaphthene	83-32-9	mg/kg	3000	0.219	0.224	1.04	1.09	1.12	1.28	0.215	<0.0393	<0.0402	<0.0387
8270C	Acenaphthylene	208-96-8	mg/kg	3800	0.223	0.228	1.06	1.11	1.14	1.3	0.219	<0.0393	<0.0402	<0.0387
8270C	Acetophenone	98-86-2	mg/kg	6700	0.0443	0.0454	0.211	0.221	0.226	0.259	0.0437	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	0.24	0.246	1.14	1.2	1.22	1.4	0.236	<0.0393	<0.0402	<0.0387
8270C	Benzidine	92-87-5	mg/kg	0.015	NA	NA	NA	NA	NA	NA	NA	<0.393	<0.402	<0.387
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	0.24	0.246	1.14	1.2	1.22	1.4	0.236	0.0399	<0.0402	<0.0387
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	0.214	0.219	1.02	1.07	1.09	1.25	0.211	0.0468	<0.0402	<0.0387
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	0.0224	0.0229	0.662	0.112	0.114	0.13	0.022	0.0895	<0.0402	<0.0387
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	0.203	0.208	0.963	1.01	1.03	1.18	0.2	0.0456	<0.0402	<0.0387
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	0.034	0.0349	0.162	0.17	0.174	0.198	0.0335	<0.0393	<0.0402	<0.0387

Houston Phase II Analytical Results														
Sample ID					3006-SS-1	3006-SS-2	3006-SS-3	3006-SS-4	3006-SS-5	3006-SS-6	3006-SS-7	3006-SS-22 (0-2)	3006-SS-22 (2-4)	3006-SS-22 (4-6)
Date Collected				Soil PCLs (Residential)	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	0.04	0.041	0.19	0.2	0.204	0.234	0.0394	<0.393	<0.402	<0.387
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	0.215	0.221	1.02	1.08	1.1	1.26	0.212	<0.393	<0.402	<0.387
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	0.0381	0.0391	0.181	0.19	0.195	0.223	0.0376	<0.393	<0.402	<0.387
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	0.231	0.237	1.1	1.16	1.18	1.35	0.228	<0.393	<0.402	<0.387
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	0.232	0.238	1.1	1.16	1.18	1.35	0.229	<0.393	<0.402	<0.387
8270C	Carbazole	86-74-8	mg/kg	230	0.236	0.242	1.12	1.18	1.2	1.37	0.232	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	0.233	0.239	1.11	1.17	1.19	1.36	0.23	0.0591	<0.0402	<0.0387
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	0.219	0.225	1.04	1.1	1.12	1.28	0.216	<0.0393	<0.0402	<0.0387
8270C	Dibenzofuran	132-64-9	mg/kg	270	0.227	0.233	1.08	1.14	1.16	1.33	0.224	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	0.236	0.242	1.12	1.18	1.21	1.38	0.232	<0.393	<0.402	<0.387
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	0.231	0.237	1.1	1.15	1.18	1.35	0.227	<0.393	<0.402	<0.387
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	0.246	0.252	1.17	1.23	1.26	1.44	0.243	<0.393	<0.402	<0.387
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	0.247	0.253	1.17	1.23	1.26	1.44	0.243	<0.393	<0.402	<0.387
8270C	Fluoranthene	206-44-0	mg/kg	2300	0.244	0.25	1.16	1.22	1.24	1.42	0.24	0.119	<0.0402	<0.0387
8270C	Fluorene	86-73-7	mg/kg	2300	0.235	0.241	1.12	1.17	1.2	1.37	0.231	<0.0393	<0.0402	<0.0387
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	0.241	0.247	**1.14**	**1.2**	**1.23**	**1.4**	0.237	<0.393	<0.402	<0.387
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	0.0392	0.0402	0.186	0.196	0.2	0.229	0.0386	<0.393	<0.402	<0.387
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	0.0258	0.0264	0.122	0.129	0.131	0.15	0.0254	<0.393	<0.402	<0.387
8270C	Hexachloroethane	67-72-1	mg/kg	46	0.0346	0.0355	0.164	0.173	0.177	0.202	0.0341	<0.393	<0.402	<0.387
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	0.209	0.215	0.994	1.05	1.07	1.22	0.206	0.0521	<0.0402	<0.0387
8270C	Isophorone	78-59-1	mg/kg	4900	0.224	0.23	1.06	1.12	1.14	1.31	0.221	<0.393	<0.402	<0.387
8270C	Naphthalene	91-20-3	mg/kg	220	0.0223	0.0229	0.106	0.111	0.114	0.13	0.022	<0.0393	<0.0402	<0.0387
8270C	Nitrobenzene	98-95-3	mg/kg	66	0.0548	0.0562	0.26	0.274	0.28	0.32	0.054	<0.393	<0.402	<0.387
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	0.0331	0.0339	0.157	0.165	0.169	0.193	0.0326	<0.393	<0.402	<0.387
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	NA	NA	NA	NA	NA	NA	NA	<0.393	<0.402	<0.387
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	0.0365	0.0374	0.173	0.182	0.186	0.213	0.0359	<0.393	<0.402	<0.387
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	0.0256	0.0262	0.121	0.128	0.131	0.149	0.0252	<0.393	<0.402	<0.387
8270C	Phenanthrene	85-01-8	mg/kg	1700	0.235	0.241	1.11	1.17	1.2	1.37	0.231	0.0473	<0.0402	<0.0387
8270C	Phenol	108-95-2	mg/kg	1800	0.0432	0.0443	0.205	0.216	0.221	0.252	0.0425	<0.393	<0.402	<0.387
8270C	Pyrene	129-00-0	mg/kg	1700	0.255	0.262	1.21	1.28	1.3	1.49	0.251	0.104	<0.0402	<0.0387

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results												
Sample ID					3006-SS-23 (0-2)	3006-SS-23 (2-4)	3006-SS-23 (4-6)	3006-SS-20 (0-2)	3006-SS-20 (2-4)	3006-SS-20 (4-6)	3006-SS-20 (2-4)A	3006-SS-19 (0-2)
Date Collected				Soil PCLs (Residential)	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	4,4'-DDE	72-55-9	mg/kg	10	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Aldrin	309-00-2	mg/kg	0.05	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	alpha-BHC	319-84-6	mg/kg	0.26	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	beta-BHC	319-85-7	mg/kg	0.93	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	<0.231	<0.231	<0.238	<0.220	<0.239	<0.230	<0.241	<0.236
8081A	cis-Chlordane	5103-71-9	mg/kg	13	NA	NA	NA	NA	NA	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Dieldrin	60-57-1	mg/kg	0.15	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Endosulfan I	959-98-8	mg/kg	91	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Endosulfan II	33213-65-9	mg/kg	270	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Endrin	72-20-8	mg/kg	9	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Endrin ketone	53494-70-5	mg/kg	19	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Heptachlor	76-44-8	mg/kg	0.13	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Methoxychlor	72-43-5	mg/kg	270	<0.0231	<0.0231	<0.0238	<0.0220	<0.0239	<0.0230	<0.0241	<0.0236
8081A	Toxaphene	8001-35-2	mg/kg	1.2	<0.461	<0.461	<0.475	<0.440	<0.479	<0.459	<0.482	<0.472
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	NA	NA	NA	NA	NA	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA

Houston Phase II Analytical Results												
Sample ID					3006-SS-23 (0-2)	3006-SS-23 (2-4)	3006-SS-23 (4-6)	3006-SS-20 (0-2)	3006-SS-20 (2-4)	3006-SS-20 (4-6)	3006-SS-20 (2-4)A	3006-SS-19 (0-2)
Date Collected				Soil PCLs (Residential)	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	NA	NA	NA	NA	NA	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	2-Chlorophenol	95-57-8	mg/kg	410	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	NA	NA	NA	NA	NA	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	3-Nitroaniline	99-09-2	mg/kg	15	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	4-Chloroaniline	106-47-8	mg/kg	23	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	4-Nitroaniline	100-01-6	mg/kg	220	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Acenaphthene	83-32-9	mg/kg	3000	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Acenaphthylene	208-96-8	mg/kg	3800	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Acetophenone	98-86-2	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Benzidine	92-87-5	mg/kg	0.015	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	<0.384	<0.0384	<0.0396	0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197

Houston Phase II Analytical Results

Sample ID					3006-SS-23 (0-2)	3006-SS-23 (2-4)	3006-SS-23 (4-6)	3006-SS-20 (0-2)	3006-SS-20 (2-4)	3006-SS-20 (4-6)	3006-SS-20 (2-4)A	3006-SS-19 (0-2)
Date Collected				Soil PCLs (Residential)	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Carbazole	86-74-8	mg/kg	230	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Dibenzofuran	132-64-9	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Fluoranthene	206-44-0	mg/kg	2300	<0.384	<0.0384	<0.0396	0.0476	<0.0399	<0.0382	<0.0401	<0.197
8270C	Fluorene	86-73-7	mg/kg	2300	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Hexachloroethane	67-72-1	mg/kg	46	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Isophorone	78-59-1	mg/kg	4900	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Naphthalene	91-20-3	mg/kg	220	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Nitrobenzene	98-95-3	mg/kg	66	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Phenanthrene	85-01-8	mg/kg	1700	<0.384	<0.0384	<0.0396	<0.0366	<0.0399	<0.0382	<0.0401	<0.197
8270C	Phenol	108-95-2	mg/kg	1800	<3.84	<0.384	<0.396	<0.366	<0.399	<0.382	<0.401	<1.97
8270C	Pyrene	129-00-0	mg/kg	1700	<0.384	<0.0384	<0.0396	0.042	<0.0399	<0.0382	<0.0401	<0.197

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results													
Sample ID					3006-SS-19 (2-4)	3006-SS-19 (4-6)	3006-SS-8 (0-2)	3006-SS-8 (2-4)	3006-SS-8 (4-6)	3006-SS-8 (4-6)A	3006-SS-9 (0-2)	3006-SS-9 (2-4)	3006-SS-9 (4-6)
Date Collected				Soil PCLs (Residential)	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	4,4'-DDE	72-55-9	mg/kg	10	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Aldrin	309-00-2	mg/kg	0.05	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	alpha-BHC	319-84-6	mg/kg	0.26	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	beta-BHC	319-85-7	mg/kg	0.93	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	<0.234	<0.231	<0.239	<0.233	<0.235	<0.235	<0.236	<0.235	<0.237
8081A	cis-Chlordane	5103-71-9	mg/kg	13	NA	NA	NA	NA	NA	NA	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Dieldrin	60-57-1	mg/kg	0.15	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Endosulfan I	959-98-8	mg/kg	91	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Endosulfan II	33213-65-9	mg/kg	270	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Endrin	72-20-8	mg/kg	9	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Endrin ketone	53494-70-5	mg/kg	19	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Heptachlor	76-44-8	mg/kg	0.13	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Methoxychlor	72-43-5	mg/kg	270	<0.0234	<0.0231	<0.0239	<0.0233	<0.0235	<0.0235	<0.0236	<0.0235	<0.0237
8081A	Toxaphene	8001-35-2	mg/kg	1.2	<0.467	<0.461	<0.478	<0.465	<0.471	<0.470	<0.473	<0.470	<0.474
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	NA	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	NA	NA	NA	NA	NA	NA	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA	NA

Houston Phase II Analytical Results													
Sample ID					3006-SS-19 (2-4)	3006-SS-19 (4-6)	3006-SS-8 (0-2)	3006-SS-8 (2-4)	3006-SS-8 (4-6)	3006-SS-8 (4-6)A	3006-SS-9 (0-2)	3006-SS-9 (2-4)	3006-SS-9 (4-6)
Date Collected				Soil PCLs (Residential)	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	2-Chlorophenol	95-57-8	mg/kg	410	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	3-Nitroaniline	99-09-2	mg/kg	15	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	4-Chloroaniline	106-47-8	mg/kg	23	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	4-Nitroaniline	100-01-6	mg/kg	220	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Acenaphthene	83-32-9	mg/kg	3000	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Acenaphthylene	208-96-8	mg/kg	3800	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Acetophenone	98-86-2	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Benzidine	92-87-5	mg/kg	0.015	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395

Houston Phase II Analytical Results

Sample ID					3006-SS-19 (2-4)	3006-SS-19 (4-6)	3006-SS-8 (0-2)	3006-SS-8 (2-4)	3006-SS-8 (4-6)	3006-SS-8 (4-6)A	3006-SS-9 (0-2)	3006-SS-9 (2-4)	3006-SS-9 (4-6)
Date Collected				Soil PCLs (Residential)	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Carbazole	86-74-8	mg/kg	230	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Dibenzofuran	132-64-9	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Fluoranthene	206-44-0	mg/kg	2300	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Fluorene	86-73-7	mg/kg	2300	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Hexachloroethane	67-72-1	mg/kg	46	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Isophorone	78-59-1	mg/kg	4900	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Naphthalene	91-20-3	mg/kg	220	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Nitrobenzene	98-95-3	mg/kg	66	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Phenanthrene	85-01-8	mg/kg	1700	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395
8270C	Phenol	108-95-2	mg/kg	1800	<0.389	<0.384	<0.398	<0.387	<0.392	<0.392	<1.97	<0.391	<0.395
8270C	Pyrene	129-00-0	mg/kg	1700	<0.0389	<0.0384	<0.0398	<0.0387	<0.0392	<0.0392	<0.197	<0.0391	<0.0395

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results												
Sample ID					3006-SS-10 (0-2)	3006-SS-10 (2-4)	3006-SS-10 (4-6)	3006-SS-11 (0-2)	3006-SS-11 (2-4)	3006-SS-11 (4-6)	3006-SS-12 (0-2)	3006-SS-12 (2-4)
Date Collected				Soil PCLs (Residential)	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	4,4'-DDE	72-55-9	mg/kg	10	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Aldrin	309-00-2	mg/kg	0.05	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	alpha-BHC	319-84-6	mg/kg	0.26	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	beta-BHC	319-85-7	mg/kg	0.93	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	<0.243	<0.240	<0.242	<0.240	<0.234	<0.248	<0.229	<0.249
8081A	cis-Chlordane	5103-71-9	mg/kg	13	NA	NA	NA	NA	NA	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Dieldrin	60-57-1	mg/kg	0.15	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Endosulfan I	959-98-8	mg/kg	91	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Endosulfan II	33213-65-9	mg/kg	270	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Endrin	72-20-8	mg/kg	9	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Endrin ketone	53494-70-5	mg/kg	19	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Heptachlor	76-44-8	mg/kg	0.13	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Methoxychlor	72-43-5	mg/kg	270	<0.0243	<0.0240	<0.0242	<0.0240	<0.0234	<0.0248	<0.0229	<0.0249
8081A	Toxaphene	8001-35-2	mg/kg	1.2	<0.486	<0.479	<0.484	<0.479	<0.469	<0.497	<0.458	<0.498
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	NA	NA	NA	NA	NA	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA

Houston Phase II Analytical Results												
Sample ID					3006-SS-10 (0-2)	3006-SS-10 (2-4)	3006-SS-10 (4-6)	3006-SS-11 (0-2)	3006-SS-11 (2-4)	3006-SS-11 (4-6)	3006-SS-12 (0-2)	3006-SS-12 (2-4)
Date Collected				Soil PCLs (Residential)	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	NA	NA	NA	NA	NA	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	2-Chlorophenol	95-57-8	mg/kg	410	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	NA	NA	NA	NA	NA	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	3-Nitroaniline	99-09-2	mg/kg	15	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	4-Chloroaniline	106-47-8	mg/kg	23	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	4-Nitroaniline	100-01-6	mg/kg	220	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Acenaphthene	83-32-9	mg/kg	3000	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Acenaphthylene	208-96-8	mg/kg	3800	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Acetophenone	98-86-2	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Benzidine	92-87-5	mg/kg	0.015	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415

Houston Phase II Analytical Results												
Sample ID					3006-SS-10 (0-2)	3006-SS-10 (2-4)	3006-SS-10 (4-6)	3006-SS-11 (0-2)	3006-SS-11 (2-4)	3006-SS-11 (4-6)	3006-SS-12 (0-2)	3006-SS-12 (2-4)
Date Collected				Soil PCLs (Residential)	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Carbazole	86-74-8	mg/kg	230	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Dibenzofuran	132-64-9	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Fluoranthene	206-44-0	mg/kg	2300	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Fluorene	86-73-7	mg/kg	2300	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Hexachloroethane	67-72-1	mg/kg	46	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Isophorone	78-59-1	mg/kg	4900	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Naphthalene	91-20-3	mg/kg	220	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Nitrobenzene	98-95-3	mg/kg	66	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Phenanthrene	85-01-8	mg/kg	1700	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415
8270C	Phenol	108-95-2	mg/kg	1800	<2.03	<0.399	<0.403	<3.99	<0.390	<0.413	<0.381	<0.415
8270C	Pyrene	129-00-0	mg/kg	1700	<0.203	<0.0399	<0.0403	<0.399	<0.0390	<0.0413	<0.0381	<0.0415

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results												
Sample ID					3006-SS-12 (4-6)	3006-SS-13 (0-2)	3006-SS-13 (2-4)	3006-SS-13 (4-6)	3006-SS-15 (0-2)	3006-SS-15 (2-4)	3006-SS-15 (4-6)	3006-SS-14 (0-2)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	4,4'-DDE	72-55-9	mg/kg	10	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Aldrin	309-00-2	mg/kg	0.05	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	alpha-BHC	319-84-6	mg/kg	0.26	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	beta-BHC	319-85-7	mg/kg	0.93	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	<0.246	<0.248	<0.237	<0.233	<0.231	<0.232	<0.232	<0.228
8081A	cis-Chlordane	5103-71-9	mg/kg	13	NA	NA	NA	NA	NA	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Dieldrin	60-57-1	mg/kg	0.15	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Endosulfan I	959-98-8	mg/kg	91	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Endosulfan II	33213-65-9	mg/kg	270	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Endrin	72-20-8	mg/kg	9	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Endrin ketone	53494-70-5	mg/kg	19	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Heptachlor	76-44-8	mg/kg	0.13	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Methoxychlor	72-43-5	mg/kg	270	<0.0246	<0.0248	<0.0237	<0.0233	<0.0231	<0.0232	<0.0232	<0.0228
8081A	Toxaphene	8001-35-2	mg/kg	1.2	<0.493	<0.495	<0.475	<0.466	<0.462	<0.464	<0.465	<0.456
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	NA	NA	NA	NA	NA	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA

Houston Phase II Analytical Results												
Sample ID					3006-SS-12 (4-6)	3006-SS-13 (0-2)	3006-SS-13 (2-4)	3006-SS-13 (4-6)	3006-SS-15 (0-2)	3006-SS-15 (2-4)	3006-SS-15 (4-6)	3006-SS-14 (0-2)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	NA	NA	NA	NA	NA	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	2-Chlorophenol	95-57-8	mg/kg	410	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	NA	NA	NA	NA	NA	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	3-Nitroaniline	99-09-2	mg/kg	15	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	4-Chloroaniline	106-47-8	mg/kg	23	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	4-Nitroaniline	100-01-6	mg/kg	220	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Acenaphthene	83-32-9	mg/kg	3000	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Acenaphthylene	208-96-8	mg/kg	3800	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Acetophenone	98-86-2	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Benzidine	92-87-5	mg/kg	0.015	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379

Houston Phase II Analytical Results												
Sample ID					3006-SS-12 (4-6)	3006-SS-13 (0-2)	3006-SS-13 (2-4)	3006-SS-13 (4-6)	3006-SS-15 (0-2)	3006-SS-15 (2-4)	3006-SS-15 (4-6)	3006-SS-14 (0-2)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Carbazole	86-74-8	mg/kg	230	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Dibenzofuran	132-64-9	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Fluoranthene	206-44-0	mg/kg	2300	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Fluorene	86-73-7	mg/kg	2300	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Hexachloroethane	67-72-1	mg/kg	46	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Isophorone	78-59-1	mg/kg	4900	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Naphthalene	91-20-3	mg/kg	220	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Nitrobenzene	98-95-3	mg/kg	66	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Phenanthrene	85-01-8	mg/kg	1700	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379
8270C	Phenol	108-95-2	mg/kg	1800	<0.410	<0.412	<0.395	<0.388	<0.384	<0.386	<0.387	<0.379
8270C	Pyrene	129-00-0	mg/kg	1700	<0.0410	<0.0412	<0.0395	<0.0388	<0.0384	<0.0386	<0.0387	<0.0379

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results												
Sample ID					3006-SS-14 (2-4)	3006-SS-14 (4-6)	3006-SS-16 (0-2)	3006-SS-16 (0-2)A	3006-SS-16 (2-4)	3006-SS-16 (4-6)	3006-SS-17 (0-2)	3006-SS-17 (3-4)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	4,4'-DDE	72-55-9	mg/kg	10	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Aldrin	309-00-2	mg/kg	0.05	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	alpha-BHC	319-84-6	mg/kg	0.26	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	beta-BHC	319-85-7	mg/kg	0.93	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	<0.237	<0.236	<0.238	<0.239	<0.234	<0.238	<0.232	<0.230
8081A	cis-Chlordane	5103-71-9	mg/kg	13	NA	NA	NA	NA	NA	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Dieldrin	60-57-1	mg/kg	0.15	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Endosulfan I	959-98-8	mg/kg	91	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Endosulfan II	33213-65-9	mg/kg	270	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Endrin	72-20-8	mg/kg	9	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Endrin ketone	53494-70-5	mg/kg	19	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Heptachlor	76-44-8	mg/kg	0.13	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Methoxychlor	72-43-5	mg/kg	270	<0.0237	<0.0236	<0.0238	<0.0239	<0.0234	<0.0238	<0.0232	<0.0230
8081A	Toxaphene	8001-35-2	mg/kg	1.2	<0.475	<0.472	<0.476	<0.478	<0.469	<0.476	<0.464	<0.460
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	NA	NA	NA	NA	NA	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA

Houston Phase II Analytical Results												
Sample ID					3006-SS-14 (2-4)	3006-SS-14 (4-6)	3006-SS-16 (0-2)	3006-SS-16 (0-2)A	3006-SS-16 (2-4)	3006-SS-16 (4-6)	3006-SS-17 (0-2)	3006-SS-17 (3-4)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	NA	NA	NA	NA	NA	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	2-Chlorophenol	95-57-8	mg/kg	410	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	NA	NA	NA	NA	NA	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	3-Nitroaniline	99-09-2	mg/kg	15	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	4-Chloroaniline	106-47-8	mg/kg	23	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	4-Nitroaniline	100-01-6	mg/kg	220	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Acenaphthene	83-32-9	mg/kg	3000	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Acenaphthylene	208-96-8	mg/kg	3800	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Acetophenone	98-86-2	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Benzidine	92-87-5	mg/kg	0.015	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383

Houston Phase II Analytical Results													
Sample ID					3006-SS-14 (2-4)	3006-SS-14 (4-6)	3006-SS-16 (0-2)	3006-SS-16 (0-2)A	3006-SS-16 (2-4)	3006-SS-16 (4-6)	3006-SS-17 (0-2)	3006-SS-17 (3-4)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Carbazole	86-74-8	mg/kg	230	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Dibenzofuran	132-64-9	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Fluoranthene	206-44-0	mg/kg	2300	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Fluorene	86-73-7	mg/kg	2300	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Hexachloroethane	67-72-1	mg/kg	46	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Isophorone	78-59-1	mg/kg	4900	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Naphthalene	91-20-3	mg/kg	220	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Nitrobenzene	98-95-3	mg/kg	66	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Phenanthrene	85-01-8	mg/kg	1700	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383
8270C	Phenol	108-95-2	mg/kg	1800	<0.395	<0.393	<0.396	<0.398	<0.390	<0.396	<19.4	<0.383
8270C	Pyrene	129-00-0	mg/kg	1700	<0.0395	<0.0393	<0.0396	<0.0398	<0.0390	<0.0396	<1.94	<0.0383

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results												
Sample ID					3006-SS-17 (4-6)	3006-SS-21 (0-2)	3006-SS-21 (2-4)	3006-SS-21 (4-6)	3006-SS-18 (0-2)	3006-SS-18 (2-4)	3006-SS-18 (4-6)	3006-SS-25 (0-2)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	4,4'-DDE	72-55-9	mg/kg	10	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Aldrin	309-00-2	mg/kg	0.05	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	alpha-BHC	319-84-6	mg/kg	0.26	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	beta-BHC	319-85-7	mg/kg	0.93	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	<0.240	<0.238	<0.239	<0.236	<0.229	<0.232	<0.227	<0.235
8081A	cis-Chlordane	5103-71-9	mg/kg	13	NA	NA	NA	NA	NA	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Dieldrin	60-57-1	mg/kg	0.15	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Endosulfan I	959-98-8	mg/kg	91	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Endosulfan II	33213-65-9	mg/kg	270	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Endrin	72-20-8	mg/kg	9	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Endrin ketone	53494-70-5	mg/kg	19	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Heptachlor	76-44-8	mg/kg	0.13	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Methoxychlor	72-43-5	mg/kg	270	<0.0240	<0.0238	<0.0239	<0.0236	<0.0229	<0.0232	<0.0227	<0.0235
8081A	Toxaphene	8001-35-2	mg/kg	1.2	<0.481	<0.476	<0.478	<0.472	<0.459	<0.464	<0.454	<0.471
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	NA	NA	NA	NA	NA	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA

Houston Phase II Analytical Results

Sample ID					3006-SS-17 (4-6)	3006-SS-21 (0-2)	3006-SS-21 (2-4)	3006-SS-21 (4-6)	3006-SS-18 (0-2)	3006-SS-18 (2-4)	3006-SS-18 (4-6)	3006-SS-25 (0-2)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	NA	NA	NA	NA	NA	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	2-Chlorophenol	95-57-8	mg/kg	410	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	NA	NA	NA	NA	NA	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	3-Nitroaniline	99-09-2	mg/kg	15	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	4-Chloroaniline	106-47-8	mg/kg	23	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	4-Nitroaniline	100-01-6	mg/kg	220	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Acenaphthene	83-32-9	mg/kg	3000	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Acenaphthylene	208-96-8	mg/kg	3800	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Acetophenone	98-86-2	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Benzidine	92-87-5	mg/kg	0.015	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392

Houston Phase II Analytical Results												
Sample ID					3006-SS-17 (4-6)	3006-SS-21 (0-2)	3006-SS-21 (2-4)	3006-SS-21 (4-6)	3006-SS-18 (0-2)	3006-SS-18 (2-4)	3006-SS-18 (4-6)	3006-SS-25 (0-2)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Carbazole	86-74-8	mg/kg	230	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Dibenzofuran	132-64-9	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Fluoranthene	206-44-0	mg/kg	2300	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Fluorene	86-73-7	mg/kg	2300	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Hexachloroethane	67-72-1	mg/kg	46	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Isophorone	78-59-1	mg/kg	4900	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Naphthalene	91-20-3	mg/kg	220	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Nitrobenzene	98-95-3	mg/kg	66	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Phenanthrene	85-01-8	mg/kg	1700	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392
8270C	Phenol	108-95-2	mg/kg	1800	<0.400	<0.396	<0.398	<0.393	<0.382	<0.386	<0.378	<0.392
8270C	Pyrene	129-00-0	mg/kg	1700	<0.0400	<0.0396	<0.0398	<0.0393	<0.0382	<0.0386	<0.0378	<0.0392

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results												
Sample ID					3006-SS-25 (2-4)	3006-SS-25 (4-6)	3006-SS-26 (0-2)	3006-SS-26 (2-4)	3006-SS-26 (4-6)	3006-SS-28 (0-2)	3006-SS-28 (2-4)	3006-SS-28 (4-6)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	4,4'-DDE	72-55-9	mg/kg	10	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Aldrin	309-00-2	mg/kg	0.05	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	alpha-BHC	319-84-6	mg/kg	0.26	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	beta-BHC	319-85-7	mg/kg	0.93	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	<0.249	<0.236	<0.237	<0.246	<0.236	<0.243	<0.243	<0.237
8081A	cis-Chlordane	5103-71-9	mg/kg	13	NA	NA	NA	NA	NA	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Dieldrin	60-57-1	mg/kg	0.15	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Endosulfan I	959-98-8	mg/kg	91	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Endosulfan II	33213-65-9	mg/kg	270	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Endrin	72-20-8	mg/kg	9	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Endrin ketone	53494-70-5	mg/kg	19	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Heptachlor	76-44-8	mg/kg	0.13	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Methoxychlor	72-43-5	mg/kg	270	<0.0249	<0.0236	<0.0237	<0.0246	<0.0236	<0.0243	<0.0243	<0.0237
8081A	Toxaphene	8001-35-2	mg/kg	1.2	<0.497	<0.473	<0.475	<0.493	<0.471	<0.486	<0.485	<0.474
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	NA	NA	NA	NA	NA	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA

Houston Phase II Analytical Results												
Sample ID					3006-SS-25 (2-4)	3006-SS-25 (4-6)	3006-SS-26 (0-2)	3006-SS-26 (2-4)	3006-SS-26 (4-6)	3006-SS-28 (0-2)	3006-SS-28 (2-4)	3006-SS-28 (4-6)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	NA	NA	NA	NA	NA	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	2-Chlorophenol	95-57-8	mg/kg	410	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	NA	NA	NA	NA	NA	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	3-Nitroaniline	99-09-2	mg/kg	15	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	4-Chloroaniline	106-47-8	mg/kg	23	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	4-Nitroaniline	100-01-6	mg/kg	220	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Acenaphthene	83-32-9	mg/kg	3000	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Acenaphthylene	208-96-8	mg/kg	3800	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Acetophenone	98-86-2	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Benzidine	92-87-5	mg/kg	0.015	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394

Houston Phase II Analytical Results												
Sample ID					3006-SS-25 (2-4)	3006-SS-25 (4-6)	3006-SS-26 (0-2)	3006-SS-26 (2-4)	3006-SS-26 (4-6)	3006-SS-28 (0-2)	3006-SS-28 (2-4)	3006-SS-28 (4-6)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Carbazole	86-74-8	mg/kg	230	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Dibenzofuran	132-64-9	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Fluoranthene	206-44-0	mg/kg	2300	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Fluorene	86-73-7	mg/kg	2300	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Hexachloroethane	67-72-1	mg/kg	46	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Isophorone	78-59-1	mg/kg	4900	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Naphthalene	91-20-3	mg/kg	220	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Nitrobenzene	98-95-3	mg/kg	66	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Phenanthrene	85-01-8	mg/kg	1700	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394
8270C	Phenol	108-95-2	mg/kg	1800	<0.414	<0.394	<0.395	<0.410	<0.392	<4.05	<0.404	<0.394
8270C	Pyrene	129-00-0	mg/kg	1700	<0.0414	<0.0394	<0.0395	<0.0410	<0.0392	<0.405	<0.0404	<0.0394

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results												
Sample ID					3006-SS-29 (0-2)	3006-SS-29 (2-4)	3006-SS-29 (4-6)	3006-SS-30 (0-2)	3006-SS-30 (2-4)	3006-SS-30 (4-6)	3006-SS-24 (0-2)	3006-SS-24 (2-4)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	4,4'-DDE	72-55-9	mg/kg	10	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Aldrin	309-00-2	mg/kg	0.05	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	alpha-BHC	319-84-6	mg/kg	0.26	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	beta-BHC	319-85-7	mg/kg	0.93	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	<0.245	<0.235	<0.237	<0.252	<0.236	<0.221	<0.234	<0.235
8081A	cis-Chlordane	5103-71-9	mg/kg	13	NA	NA	NA	NA	NA	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Dieldrin	60-57-1	mg/kg	0.15	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Endosulfan I	959-98-8	mg/kg	91	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Endosulfan II	33213-65-9	mg/kg	270	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Endrin	72-20-8	mg/kg	9	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Endrin ketone	53494-70-5	mg/kg	19	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Heptachlor	76-44-8	mg/kg	0.13	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Methoxychlor	72-43-5	mg/kg	270	<0.0245	<0.0235	<0.0237	<0.0252	<0.0236	<0.0221	<0.0234	<0.0235
8081A	Toxaphene	8001-35-2	mg/kg	1.2	<0.491	<0.469	<0.473	<0.503	<0.472	<0.442	<0.467	<0.469
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	NA	NA	NA	NA	NA	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	NA	NA	NA	NA	NA	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	NA	NA	NA	NA	NA	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	NA	NA	NA	NA	NA	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA

Houston Phase II Analytical Results												
Sample ID					3006-SS-29 (0-2)	3006-SS-29 (2-4)	3006-SS-29 (4-6)	3006-SS-30 (0-2)	3006-SS-30 (2-4)	3006-SS-30 (4-6)	3006-SS-24 (0-2)	3006-SS-24 (2-4)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	NA	NA	NA	NA	NA	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	NA	NA	NA	NA	NA	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	NA	NA	NA	NA	NA	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	NA	NA	NA	NA	NA	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	NA	NA	NA	NA	NA	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	NA	NA	NA	NA	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	2-Chlorophenol	95-57-8	mg/kg	410	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	NA	NA	NA	NA	NA	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	NA	NA	NA	NA	NA	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	3-Nitroaniline	99-09-2	mg/kg	15	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	4-Chloroaniline	106-47-8	mg/kg	23	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	4-Nitroaniline	100-01-6	mg/kg	220	NA	NA	NA	NA	NA	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Acenaphthene	83-32-9	mg/kg	3000	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Acenaphthylene	208-96-8	mg/kg	3800	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Acetophenone	98-86-2	mg/kg	6700	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Benzidine	92-87-5	mg/kg	0.015	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391

Houston Phase II Analytical Results												
Sample ID					3006-SS-29 (0-2)	3006-SS-29 (2-4)	3006-SS-29 (4-6)	3006-SS-30 (0-2)	3006-SS-30 (2-4)	3006-SS-30 (4-6)	3006-SS-24 (0-2)	3006-SS-24 (2-4)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Carbazole	86-74-8	mg/kg	230	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Dibenzofuran	132-64-9	mg/kg	270	NA	NA	NA	NA	NA	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Fluoranthene	206-44-0	mg/kg	2300	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Fluorene	86-73-7	mg/kg	2300	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Hexachloroethane	67-72-1	mg/kg	46	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Isophorone	78-59-1	mg/kg	4900	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Naphthalene	91-20-3	mg/kg	220	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Nitrobenzene	98-95-3	mg/kg	66	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Phenanthrene	85-01-8	mg/kg	1700	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391
8270C	Phenol	108-95-2	mg/kg	1800	<4.09	<0.391	<0.394	<4.19	<0.393	<0.368	<0.389	<0.391
8270C	Pyrene	129-00-0	mg/kg	1700	<0.409	<0.0391	<0.0394	<0.419	<0.0393	<0.0368	<0.0389	<0.0391

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results								
Sample ID					3006-SS-24 (4-6)	3006-SS-27 (0-2)	3006-SS-27 (2-4)	3006-SS-27 (4-6)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/kg	14	<0.0242	<0.0233	<0.0238	<0.0235
8081A	4,4'-DDE	72-55-9	mg/kg	10	<0.0242	<0.0233	<0.0238	<0.0235
8081A	4,4'-DDT	50-29-3	mg/kg	5.4	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Aldrin	309-00-2	mg/kg	0.05	<0.0242	<0.0233	<0.0238	<0.0235
8081A	alpha-BHC	319-84-6	mg/kg	0.26	<0.0242	<0.0233	<0.0238	<0.0235
8081A	beta-BHC	319-85-7	mg/kg	0.93	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Chlordane (technical)	12789-03-6	mg/kg	6	<0.242	<0.233	<0.238	<0.235
8081A	cis-Chlordane	5103-71-9	mg/kg	13	NA	NA	NA	NA
8081A	delta-BHC	319-86-8	mg/kg	2.9	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Dieldrin	60-57-1	mg/kg	0.15	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Endosulfan I	959-98-8	mg/kg	91	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Endosulfan II	33213-65-9	mg/kg	270	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Endosulfan sulfate	1031-07-8	mg/kg	380	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Endrin	72-20-8	mg/kg	9	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Endrin aldehyde	7421-93-4	mg/kg	19	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Endrin ketone	53494-70-5	mg/kg	19	<0.0242	<0.0233	<0.0238	<0.0235
8081A	gamma-BHC (Lindane)	58-89-9	mg/kg	1.1	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Heptachlor	76-44-8	mg/kg	0.13	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Heptachlor epoxide	1024-57-3	mg/kg	0.24	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Methoxychlor	72-43-5	mg/kg	270	<0.0242	<0.0233	<0.0238	<0.0235
8081A	Toxaphene	8001-35-2	mg/kg	1.2	<0.485	<0.466	<0.476	<0.471
8081A	trans-Chlordane	5103-74-2	mg/kg	7.4	NA	NA	NA	NA
8151	2,4,5-T	93-76-5	mg/kg	670	NA	NA	NA	NA
8151	2,4-D	94-75-7	mg/kg	730	NA	NA	NA	NA
8151	2,4-DB	94-82-6	mg/kg	530	NA	NA	NA	NA
8151	Dicamba	1918-00-9	mg/kg	2000	NA	NA	NA	NA
8151	Dichlorprop	120-36-5	mg/kg	670	NA	NA	NA	NA
8151	Dinoseb	88-85-7	mg/kg	67	NA	NA	NA	NA
8151	MCPA	94-74-6	mg/kg	33	NA	NA	NA	NA
8151	Mecoprop	93-65-2	mg/kg	67	NA	NA	NA	NA
8151	Silvex (2,4,5-TP)	93-72-1	mg/kg	530	NA	NA	NA	NA
8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	53000	NA	NA	NA	NA
8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	30	NA	NA	NA	NA
8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	74000	NA	NA	NA	NA
8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	18	NA	NA	NA	NA
8260B	1,1-Dichloroethane	75-34-3	mg/kg	11000	NA	NA	NA	NA
8260B	1,1-Dichloroethene	75-35-4	mg/kg	2300	NA	NA	NA	NA
8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	NA	NA	NA	NA
8260B	1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	0.15	NA	NA	NA	NA
8260B	1,2-Dibromoethane	106-93-4	mg/kg	2.5	NA	NA	NA	NA
8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	720	NA	NA	NA	NA
8260B	1,2-Dichloroethane	107-06-2	mg/kg	41	NA	NA	NA	NA
8260B	1,2-Dichloropropane	78-87-5	mg/kg	61	NA	NA	NA	NA
8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	120	NA	NA	NA	NA
8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	250	NA	NA	NA	NA
8260B	2-Butanone (MEK)	78-93-3	mg/kg	40000	NA	NA	NA	NA
8260B	2-Hexanone	591-78-6	mg/kg	270	NA	NA	NA	NA
8260B	4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	5900	NA	NA	NA	NA
8260B	Acetone	67-64-1	mg/kg	66000	NA	NA	NA	NA
8260B	Benzene	71-43-2	mg/kg	120	NA	NA	NA	NA
8260B	Bromodichloromethane	75-27-4	mg/kg	98	NA	NA	NA	NA
8260B	Bromoform	75-25-2	mg/kg	400	NA	NA	NA	NA
8260B	Bromomethane	74-83-9	mg/kg	46	NA	NA	NA	NA
8260B	Carbon disulfide	75-15-0	mg/kg	4600	NA	NA	NA	NA
8260B	Carbon tetrachloride	56-23-5	mg/kg	35	NA	NA	NA	NA
8260B	Chlorobenzene	108-90-7	mg/kg	520	NA	NA	NA	NA
8260B	Chlorobromomethane	74-97-5	mg/kg	3300	NA	NA	NA	NA

Houston Phase II Analytical Results								
Sample ID					3006-SS-24 (4-6)	3006-SS-27 (0-2)	3006-SS-27 (2-4)	3006-SS-27 (4-6)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result
8260B	Chloroethane	75-00-3	mg/kg	27000	NA	NA	NA	NA
8260B	Chloroform	67-66-3	mg/kg	16	NA	NA	NA	NA
8260B	Chloromethane	74-87-3	mg/kg	140	NA	NA	NA	NA
8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	140	NA	NA	NA	NA
8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	8	NA	NA	NA	NA
8260B	Cyclohexane	110-82-7	mg/kg	75000	NA	NA	NA	NA
8260B	Dibromochloromethane	124-48-1	mg/kg	72	NA	NA	NA	NA
8260B	Dichlorodifluoromethane	75-71-8	mg/kg	1400	NA	NA	NA	NA
8260B	Ethylbenzene	100-41-4	mg/kg	6400	NA	NA	NA	NA
8260B	Isopropylbenzene	98-82-8	mg/kg	4300	NA	NA	NA	NA
8260B	Methyl tert-butyl ether	1634-04-4	mg/kg	800	NA	NA	NA	NA
8260B	Methylene Chloride	75-09-2	mg/kg	1600	NA	NA	NA	NA
8260B	m-Xylene & p-Xylene	179601-23-1	mg/kg	#N/A	NA	NA	NA	NA
8260B	o-Xylene	95-47-6	mg/kg	48000	NA	NA	NA	NA
8260B	Styrene	100-42-5	mg/kg	6700	NA	NA	NA	NA
8260B	Tetrachloroethene	127-18-4	mg/kg	710	NA	NA	NA	NA
8260B	Toluene	108-88-3	mg/kg	5900	NA	NA	NA	NA
8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	590	NA	NA	NA	NA
8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	36	NA	NA	NA	NA
8260B	Trichloroethene	79-01-6	mg/kg	18	NA	NA	NA	NA
8260B	Vinyl acetate	108-05-4	mg/kg	3000	NA	NA	NA	NA
8260B	Vinyl chloride	75-01-4	mg/kg	3.7	NA	NA	NA	NA
8260B	Xylenes, Total	1330-20-7	mg/kg	6000	NA	NA	NA	NA
8270C	1,1'-Biphenyl	92-52-4	mg/kg	12000	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/kg	120	<0.404	<0.388	<0.396	<0.392
8270C	2,4,5-Trichlorophenol	95-95-4	mg/kg	6700	NA	NA	NA	NA
8270C	2,4,6-Trichlorophenol	88-06-2	mg/kg	67	<0.404	<0.388	<0.396	<0.392
8270C	2,4-Dichlorophenol	120-83-2	mg/kg	200	<0.404	<0.388	<0.396	<0.392
8270C	2,4-Dimethylphenol	105-67-9	mg/kg	1300	<0.404	<0.388	<0.396	<0.392
8270C	2,4-Dinitrophenol	51-28-5	mg/kg	130	<0.404	<0.388	<0.396	<0.392
8270C	2,4-Dinitrotoluene	121-14-2	mg/kg	6.9	<0.404	<0.388	<0.396	<0.392
8270C	2,6-Dinitrotoluene	606-20-2	mg/kg	6.9	<0.404	<0.388	<0.396	<0.392
8270C	2-Chloronaphthalene	91-58-7	mg/kg	5000	<0.0404	<0.0388	<0.0396	<0.0392
8270C	2-Chlorophenol	95-57-8	mg/kg	410	<0.404	<0.388	<0.396	<0.392
8270C	2-Methylnaphthalene	91-57-6	mg/kg	250	NA	NA	NA	NA
8270C	2-Methylphenol	95-48-7	mg/kg	3300	NA	NA	NA	NA
8270C	2-Nitroaniline	88-74-4	mg/kg	14	NA	NA	NA	NA
8270C	2-Nitrophenol	88-75-5	mg/kg	130	<0.404	<0.388	<0.396	<0.392
8270C	3 & 4 Methylphenol	106-44-5	mg/kg	330	NA	NA	NA	NA
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/kg	10	<0.404	<0.388	<0.396	<0.392
8270C	3-Nitroaniline	99-09-2	mg/kg	15	NA	NA	NA	NA
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	6.7	<0.404	<0.388	<0.396	<0.392
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/kg	0.28	<0.404	<0.388	<0.396	<0.392
8270C	4-Chloro-3-methylphenol	59-50-7	mg/kg	330	<0.404	<0.388	<0.396	<0.392
8270C	4-Chloroaniline	106-47-8	mg/kg	23	NA	NA	NA	NA
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	0.16	<0.404	<0.388	<0.396	<0.392
8270C	4-Nitroaniline	100-01-6	mg/kg	220	NA	NA	NA	NA
8270C	4-Nitrophenol	100-02-7	mg/kg	130	<0.404	<0.388	<0.396	<0.392
8270C	Acenaphthene	83-32-9	mg/kg	3000	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Acenaphthylene	208-96-8	mg/kg	3800	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Acetophenone	98-86-2	mg/kg	6700	NA	NA	NA	NA
8270C	Anthracene	120-12-7	mg/kg	18000	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Benzidine	92-87-5	mg/kg	0.015	<0.404	<0.388	<0.396	<0.392
8270C	Benzo[a]anthracene	56-55-3	mg/kg	41	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Benzo[a]pyrene	50-32-8	mg/kg	4.1	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Benzo[b]fluoranthene	205-99-2	mg/kg	42	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Benzo[g,h,i]perylene	191-24-2	mg/kg	1800	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Benzo[k]fluoranthene	207-08-9	mg/kg	420	<0.0404	<0.0388	<0.0396	<0.0392

Houston Phase II Analytical Results								
Sample ID					3006-SS-24 (4-6)	3006-SS-27 (0-2)	3006-SS-27 (2-4)	3006-SS-27 (4-6)
Date Collected				Soil PCLs (Residential)	05/22/2019	05/22/2019	05/22/2019	05/22/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/kg	51	<0.404	<0.388	<0.396	<0.392
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/kg	3.1	<0.404	<0.388	<0.396	<0.392
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/kg	2.2	<0.404	<0.388	<0.396	<0.392
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	43	<0.404	<0.388	<0.396	<0.392
8270C	Butyl benzyl phthalate	85-68-7	mg/kg	1600	<0.404	<0.388	<0.396	<0.392
8270C	Carbazole	86-74-8	mg/kg	230	NA	NA	NA	NA
8270C	Chrysene	218-01-9	mg/kg	4100	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Dibenz(a,h)anthracene	53-70-3	mg/kg	4	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Dibenzofuran	132-64-9	mg/kg	270	NA	NA	NA	NA
8270C	Diethyl phthalate	84-66-2	mg/kg	53000	<0.404	<0.388	<0.396	<0.392
8270C	Dimethyl phthalate	131-11-3	mg/kg	53000	<0.404	<0.388	<0.396	<0.392
8270C	Di-n-butyl phthalate	84-74-2	mg/kg	6200	<0.404	<0.388	<0.396	<0.392
8270C	Di-n-octyl phthalate	117-84-0	mg/kg	640	<0.404	<0.388	<0.396	<0.392
8270C	Fluoranthene	206-44-0	mg/kg	2300	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Fluorene	86-73-7	mg/kg	2300	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Hexachlorobenzene	118-74-1	mg/kg	1.1	<0.404	<0.388	<0.396	<0.392
8270C	Hexachlorobutadiene	87-68-3	mg/kg	20	<0.404	<0.388	<0.396	<0.392
8270C	Hexachlorocyclopentadiene	77-47-4	mg/kg	14	<0.404	<0.388	<0.396	<0.392
8270C	Hexachloroethane	67-72-1	mg/kg	46	<0.404	<0.388	<0.396	<0.392
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	42	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Isophorone	78-59-1	mg/kg	4900	<0.404	<0.388	<0.396	<0.392
8270C	Naphthalene	91-20-3	mg/kg	220	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Nitrobenzene	98-95-3	mg/kg	66	<0.404	<0.388	<0.396	<0.392
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.4	<0.404	<0.388	<0.396	<0.392
8270C	N-Nitrosodimethylamine	62-75-9	mg/kg	0.074	<0.404	<0.388	<0.396	<0.392
8270C	N-Nitrosodiphenylamine	86-30-6	mg/kg	570	<0.404	<0.388	<0.396	<0.392
8270C	Pentachlorophenol	87-86-5	mg/kg	0.73	<0.404	<0.388	<0.396	<0.392
8270C	Phenanthrene	85-01-8	mg/kg	1700	<0.0404	<0.0388	<0.0396	<0.0392
8270C	Phenol	108-95-2	mg/kg	1800	<0.404	<0.388	<0.396	<0.392
8270C	Pyrene	129-00-0	mg/kg	1700	<0.0404	<0.0388	<0.0396	<0.0392

Results in bold indicate Residential PCL exceedances.

NA = Not Analyzed

< = Result is below the laboratory Reporting Limit

Houston Phase II Analytical Results

Sample ID					3006-GW-28	3006-GW-30	3006-GW-19	3006-GW-8	3006-GW-9	3006-GW-9A	3006-GW-11
Date Collected				Groundwater PCLs (Residential)	05/22/2019	05/22/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/21/2019
Method	Analyte	CAS #	Units		Result	Result	Result	Result	Result	Result	Result
8081A	4,4'-DDD	72-54-8	mg/l	0.0038	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	4,4'-DDE	72-55-9	mg/l	0.0027	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	4,4'-DDT	50-29-3	mg/l	0.0027	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Aldrin	309-00-2	mg/l	0.000054	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	alpha-BHC	319-84-6	mg/l	0.00014	0.000108	0.000335	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	beta-BHC	319-85-7	mg/l	0.00051	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Chlordane (technical)	12789-03-6	mg/l	0.002	<0.000525	<0.000715	<0.00100	<0.000695	<0.000625	<0.000540	<0.000685
8081A	delta-BHC	319-86-8	mg/l	0.00051	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Dieldrin	60-57-1	mg/l	0.000057	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Endosulfan I	959-98-8	mg/l	0.049	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Endosulfan II	33213-65-9	mg/l	0.15	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Endosulfan sulfate	1031-07-8	mg/l	0.15	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Endrin	72-20-8	mg/l	0.002	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Endrin aldehyde	7421-93-4	mg/l	0.0073	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Endrin ketone	53494-70-5	mg/l	0.0073	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	gamma-BHC (Lindane)	58-89-9	mg/l	0.0002	<0.0000525	0.000117	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Hexachlorobenzene	118-74-1	mg/l	0.001	<0.0000525	0.0000793	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Heptachlor	76-44-8	mg/l	0.0004	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Heptachlor epoxide	1024-57-3	mg/l	0.0002	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Methoxychlor	72-43-5	mg/l	0.04	<0.0000525	<0.0000715	<0.000100	<0.0000695	<0.0000625	<0.0000540	<0.0000685
8081A	Toxaphene	8001-35-2	mg/l	0.003	<0.000525	<0.000715	<0.00100	<0.000695	<0.000625	<0.000540	<0.000685
8270C	1,1'-Biphenyl	92-52-4	mg/l	12	NA	NA	NA	NA	NA	NA	NA
8270C	1,2,4-Trichlorobenzene	120-82-1	mg/l	0.07	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	2,4,6-Trichlorophenol	88-06-2	mg/l	0.024	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	2,4-Dichlorophenol	120-83-2	mg/l	0.073	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	2,4-Dimethylphenol	105-67-9	mg/l	0.49	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	2,4-Dinitrophenol	51-28-5	mg/l	0.049	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	2,4-Dinitrotoluene	121-14-2	mg/l	0.0013	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	2,6-Dinitrotoluene	606-20-2	mg/l	0.0013	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	2-Chloronaphthalene	91-58-7	mg/l	2	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	2-Chlorophenol	95-57-8	mg/l	0.12	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	2-Nitrophenol	88-75-5	mg/l	0.049	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	3,3'-Dichlorobenzidine	91-94-1	mg/l	0.002	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	4,6-Dinitro-2-methylphenol	534-52-1	mg/l	0.0024	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	4-Bromophenyl phenyl ether	101-55-3	mg/l	0.000061	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	4-Chloro-3-methylphenol	59-50-7	mg/l	0.12	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	4-Chlorophenyl phenyl ether	7005-72-3	mg/l	0.000061	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	4-Nitrophenol	100-02-7	mg/l	0.049	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Acenaphthene	83-32-9	mg/l	1.5	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Acenaphthylene	208-96-8	mg/l	1.5	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Anthracene	120-12-7	mg/l	7.3	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Benzidine	92-87-5	mg/l	0.000004	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Benzo[a]anthracene	56-55-3	mg/l	0.0091	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Benzo[a]pyrene	50-32-8	mg/l	0.0002	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Benzo[b]fluoranthene	205-99-2	mg/l	0.0091	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Benzo[g,h,i]perylene	191-24-2	mg/l	0.73	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Benzo[k]fluoranthene	207-08-9	mg/l	0.091	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	bis (2-Chloroisopropyl) ether	108-60-1	mg/l	0.013	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Bis(2-chloroethoxy)methane	111-91-1	mg/l	0.00083	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Bis(2-chloroethyl)ether	111-44-4	mg/l	0.00083	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Bis(2-ethylhexyl) phthalate	117-81-7	mg/l	0.006	<0.00333	<0.00462	<0.00750	<0.00750	<0.00750	<0.00399	<0.00375
8270C	Butyl benzyl phthalate	85-68-7	mg/l	0.48	<0.00333	<0.00462	<0.00750	<0.00750	<0.00750	<0.00399	<0.00375
8270C	Chrysene	218-01-9	mg/l	0.91	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Dibenz(a,h)anthracene	53-70-3	mg/l	0.0002	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Diethyl phthalate	84-66-2	mg/l	20	<0.00333	<0.00462	<0.00750	<0.00750	<0.00750	<0.00399	<0.00375
8270C	Dimethyl phthalate	131-11-3	mg/l	20	<0.00333	<0.00462	<0.00750	<0.00750	<0.00750	<0.00399	<0.00375
8270C	Di-n-butyl phthalate	84-74-2	mg/l	2.4	<0.00333	<0.00462	<0.00750	<0.00750	<0.00750	<0.00399	<0.00375
8270C	Di-n-octyl phthalate	117-84-0	mg/l	0.24	<0.00333	<0.00462	<0.00750	<0.00750	<0.00750	<0.00399	<0.00375
8270C	Fluoranthene	206-44-0	mg/l	0.98	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Fluorene	86-73-7	mg/l	0.98	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Hexachlorobenzene	118-74-1	mg/l	0.001	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Hexachlorobutadiene	87-68-3	mg/l	0.012	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Hexachlorocyclopentadiene	77-47-4	mg/l	0.05	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Hexachloroethane	67-72-1	mg/l	0.017	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Indeno[1,2,3-cd]pyrene	193-39-5	mg/l	0.0091	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Isophorone	78-59-1	mg/l	0.96	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Naphthalene	91-20-3	mg/l	0.49	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Nitrobenzene	98-95-3	mg/l	0.049	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	N-Nitrosodi-n-propylamine	621-64-7	mg/l	0.00013	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	N-Nirtosodimethylamine	62-75-9	mg/l	0.000018	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	N-Nitrosodiphenylamine	86-30-6	mg/l	0.19	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Pentachlorophenol	87-86-5	mg/l	0.001	<0.0111	<0.0154	<0.0250	<0.0250	<0.0250	<0.0133	<0.0125
8270C	Phenanthrene	85-01-8	mg/l	0.73	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125
8270C	Phenol	108-95-2	mg/l	7.3	<0.0111	<0.0154	<0.0250	0.0524	0.0504	<0.0133	<0.0125
8270C	Pyrene	129-00-0	mg/l	0.73	<0.00111	<0.00154	<0.00250	<0.00250	<0.00250	<0.00133	<0.00125

Results in bold indicate Resiedntial PCL exceedances.

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

June 13, 2019

Booz, Allen, Hamilton - Atlanta, GA

Sample Delivery Group:	L1102111
Samples Received:	05/24/2019
Project Number:	HOUSTON PHASE II
Description:	Houston Phase II

Report To: Scott Bolch
1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Chris McCord
Project Manager

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3006-SS-22 (0-2) L1102111-01 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:05 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289004	1	05/31/19 10:32	05/31/19 10:41	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 20:02	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/04/19 00:13	SNR	Mt. Juliet, TN

3006-SS-22 (2-4) L1102111-02 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:07 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289004	1	05/31/19 10:32	05/31/19 10:41	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 20:14	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 19:07	SNR	Mt. Juliet, TN

3006-SS-22 (4-6) L1102111-03 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:04 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289004	1	05/31/19 10:32	05/31/19 10:41	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 20:27	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 19:26	SNR	Mt. Juliet, TN

3006-SS-23 (0-2) L1102111-04 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:18 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 20:39	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	10	06/03/19 08:33	06/04/19 01:50	SNR	Mt. Juliet, TN

3006-SS-23 (2-4) L1102111-05 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:17 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 20:52	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 19:45	SNR	Mt. Juliet, TN

3006-SS-23 (4-6) L1102111-06 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:16 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 21:04	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 20:04	SNR	Mt. Juliet, TN

3006-SS-20 (0-2) L1102111-07 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:39 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 21:17	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 23:54	SNR	Mt. Juliet, TN

3006-SS-20 (2-4) L1102111-08 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:38 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 21:29	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 20:23	SNR	Mt. Juliet, TN

3006-SS-20 (4-6) L1102111-09 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:35 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 19:25	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 20:43	SNR	Mt. Juliet, TN

3006-SS-20 (2-4)A L1102111-10 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:38 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 21:41	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 21:40	SNR	Mt. Juliet, TN

3006-SS-19 (0-2) L1102111-11 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:57 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 21:54	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	5	06/03/19 08:33	06/04/19 01:11	SNR	Mt. Juliet, TN

3006-SS-19 (2-4) L1102111-12 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 10:59 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 22:06	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 22:00	SNR	Mt. Juliet, TN

3006-SS-19 (4-6) L1102111-13 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 11:00 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289005	1	05/31/19 10:21	05/31/19 10:30	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 22:19	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 23:16	SNR	Mt. Juliet, TN

3006-SS-8 (0-2) L1102111-14 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 12:16 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 22:31	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/04/19 00:33	SNR	Mt. Juliet, TN

3006-SS-8 (2-4) L1102111-15 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 12:17 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 22:44	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 22:18	SNR	Mt. Juliet, TN

3006-SS-8 (4-6) L1102111-16 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 12:14 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289730	1	06/02/19 11:37	06/02/19 22:56	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 22:37	SNR	Mt. Juliet, TN

3006-SS-8 (4-6)A L1102111-17 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 12:14 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 09:07	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 22:56	SNR	Mt. Juliet, TN

3006-SS-9 (0-2) L1102111-18 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 13:02 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 09:22	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	5	06/03/19 08:33	06/04/19 01:30	SNR	Mt. Juliet, TN

3006-SS-9 (2-4) L1102111-19 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 13:04 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 09:37	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288938	1	06/03/19 07:47	06/03/19 19:46	LEA	Mt. Juliet, TN

3006-SS-9 (4-6) L1102111-20 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 13:05 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 10:21	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	1	06/03/19 08:33	06/03/19 23:35	SNR	Mt. Juliet, TN

3006-SS-10 (0-2) L1102111-21 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 14:17 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 10:36	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288937	5	06/03/19 08:33	06/04/19 00:52	SNR	Mt. Juliet, TN

3006-SS-10 (2-4) L1102111-22 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 14:18 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 10:50	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288938	1	06/03/19 07:47	06/03/19 20:45	LEA	Mt. Juliet, TN

3006-SS-10 (4-6) L1102111-23 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 14:16 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289006	1	05/31/19 10:09	05/31/19 10:18	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 11:05	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288938	1	06/03/19 07:47	06/03/19 21:05	LEA	Mt. Juliet, TN

3006-SS-11 (0-2) L1102111-24 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 14:39 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289007	1	05/31/19 09:57	05/31/19 10:06	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 11:20	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288938	10	06/03/19 07:47	06/04/19 02:32	SNR	Mt. Juliet, TN

3006-SS-11 (2-4) L1102111-25 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 14:40 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289007	1	05/31/19 09:57	05/31/19 10:06	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 11:35	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288938	1	06/03/19 07:47	06/03/19 21:43	LEA	Mt. Juliet, TN

3006-SS-11 (4-6) L1102111-26 Solid

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 14:37 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1289007	1	05/31/19 09:57	05/31/19 10:06	JD	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1289788	1	06/02/19 16:43	06/03/19 11:49	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288938	1	06/03/19 07:47	06/03/19 21:24	LEA	Mt. Juliet, TN

3006-GW-19 L1102111-27 GW

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 11:45 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Pesticides (GC) by Method 8081A	WG1286409	2	05/26/19 08:29	05/26/19 16:04	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1286400	2.5	05/27/19 07:28	05/28/19 01:15	LEA	Mt. Juliet, TN

3006-GW-8 L1102111-28 GW

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 12:30 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Pesticides (GC) by Method 8081A	WG1286409	1.39	05/26/19 08:29	05/26/19 16:17	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1286400	2.5	05/27/19 07:28	05/28/19 01:35	LEA	Mt. Juliet, TN

3006-GW-9 L1102111-29 GW

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 13:20 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Pesticides (GC) by Method 8081A	WG1286409	1.25	05/26/19 08:29	05/26/19 16:29	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1286400	2.5	05/27/19 07:28	05/28/19 01:56	LEA	Mt. Juliet, TN

3006-GW-9A L1102111-30 GW

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 13:20 | Received date/time: 05/24/19 08:00

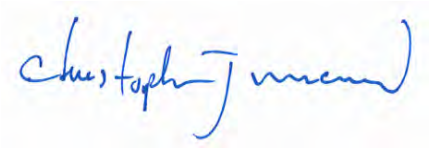
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Pesticides (GC) by Method 8081A	WG1286409	1.08	05/26/19 08:29	05/26/19 16:41	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1286400	1.33	05/27/19 07:28	05/28/19 02:16	LEA	Mt. Juliet, TN

3006-GW-11 L1102111-31 GW

Collected by: Scoot A. Bolch | Collected date/time: 05/21/19 14:50 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Pesticides (GC) by Method 8081A	WG1286409	1.37	05/26/19 08:29	05/26/19 16:54	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1286400	1.25	05/27/19 07:28	05/28/19 02:36	LEA	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.8		1	05/31/2019 10:41	WG1289004

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0236	1	06/02/2019 20:02	WG1289730
Alpha BHC	U		0.00160	0.0236	1	06/02/2019 20:02	WG1289730
Beta BHC	U		0.00189	0.0236	1	06/02/2019 20:02	WG1289730
Delta BHC	U		0.00169	0.0236	1	06/02/2019 20:02	WG1289730
Gamma BHC	U		0.00171	0.0236	1	06/02/2019 20:02	WG1289730
Chlordane	U		0.0460	0.236	1	06/02/2019 20:02	WG1289730
4,4-DDD	U		0.00184	0.0236	1	06/02/2019 20:02	WG1289730
4,4-DDE	U		0.00182	0.0236	1	06/02/2019 20:02	WG1289730
4,4-DDT	U		0.00236	0.0236	1	06/02/2019 20:02	WG1289730
Dieldrin	U		0.00179	0.0236	1	06/02/2019 20:02	WG1289730
Endosulfan I	U		0.00176	0.0236	1	06/02/2019 20:02	WG1289730
Endosulfan II	U		0.00189	0.0236	1	06/02/2019 20:02	WG1289730
Endosulfan sulfate	U		0.00178	0.0236	1	06/02/2019 20:02	WG1289730
Endrin	U		0.00185	0.0236	1	06/02/2019 20:02	WG1289730
Endrin aldehyde	U		0.00152	0.0236	1	06/02/2019 20:02	WG1289730
Endrin ketone	U		0.00195	0.0236	1	06/02/2019 20:02	WG1289730
Hexachlorobenzene	U		0.00146	0.0236	1	06/02/2019 20:02	WG1289730
Heptachlor	U		0.00182	0.0236	1	06/02/2019 20:02	WG1289730
Heptachlor epoxide	U		0.00190	0.0236	1	06/02/2019 20:02	WG1289730
Methoxychlor	U		0.00210	0.0236	1	06/02/2019 20:02	WG1289730
Toxaphene	U		0.0425	0.472	1	06/02/2019 20:02	WG1289730
(S) Decachlorobiphenyl	*82.9*			*10.0-135*		*06/02/2019 20:02*	WG1289730
(S) Tetrachloro-m-xylene	*58.1*			*10.0-139*		*06/02/2019 20:02*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00757	0.0393	1	06/04/2019 00:13	WG1288937
Acenaphthylene	U		0.00791	0.0393	1	06/04/2019 00:13	WG1288937
Anthracene	U		0.00745	0.0393	1	06/04/2019 00:13	WG1288937
Benzidine	U		0.0751	0.393	1	06/04/2019 00:13	WG1288937
Benzo(a)anthracene	0.0399		0.00505	0.0393	1	06/04/2019 00:13	WG1288937
Benzo(b)fluoranthene	0.0895		0.00820	0.0393	1	06/04/2019 00:13	WG1288937
Benzo(k)fluoranthene	0.0283	J	0.00686	0.0393	1	06/04/2019 00:13	WG1288937
Benzo(g,h,i)perylene	0.0456		0.00850	0.0393	1	06/04/2019 00:13	WG1288937
Benzo(a)pyrene	0.0468		0.00646	0.0393	1	06/04/2019 00:13	WG1288937
Bis(2-chlorethoxy)methane	U		0.00908	0.393	1	06/04/2019 00:13	WG1288937
Bis(2-chloroethyl)ether	U		0.0106	0.393	1	06/04/2019 00:13	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00896	0.393	1	06/04/2019 00:13	WG1288937
4-Bromophenyl-phenylether	U		0.0134	0.393	1	06/04/2019 00:13	WG1288937
2-Chloronaphthalene	U		0.00754	0.0393	1	06/04/2019 00:13	WG1288937
4-Chlorophenyl-phenylether	U		0.00740	0.393	1	06/04/2019 00:13	WG1288937
Chrysene	0.0591		0.00655	0.0393	1	06/04/2019 00:13	WG1288937
Dibenz(a,h)anthracene	U		0.00968	0.0393	1	06/04/2019 00:13	WG1288937
3,3-Dichlorobenzidine	U		0.0937	0.393	1	06/04/2019 00:13	WG1288937
2,4-Dinitrotoluene	U		0.00716	0.393	1	06/04/2019 00:13	WG1288937
2,6-Dinitrotoluene	U		0.00869	0.393	1	06/04/2019 00:13	WG1288937
Fluoranthene	0.119		0.00585	0.0393	1	06/04/2019 00:13	WG1288937
Fluorene	U		0.00804	0.0393	1	06/04/2019 00:13	WG1288937
Hexachlorobenzene	U		0.0101	0.393	1	06/04/2019 00:13	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.393	1	06/04/2019 00:13	WG1288937
Hexachlorocyclopentadiene	U		0.0692	0.393	1	06/04/2019 00:13	WG1288937
Hexachloroethane	U		0.0158	0.393	1	06/04/2019 00:13	WG1288937
Indeno(1,2,3-cd)pyrene	0.0521		0.00911	0.0393	1	06/04/2019 00:13	WG1288937
Isophorone	U		0.00616	0.393	1	06/04/2019 00:13	WG1288937
Naphthalene	U		0.0105	0.0393	1	06/04/2019 00:13	WG1288937
Nitrobenzene	U		0.00820	0.393	1	06/04/2019 00:13	WG1288937
n-Nitrosodimethylamine	U		0.0763	0.393	1	06/04/2019 00:13	WG1288937
n-Nitrosodiphenylamine	U		0.106	0.393	1	06/04/2019 00:13	WG1288937
n-Nitrosodi-n-propylamine	U		0.0107	0.393	1	06/04/2019 00:13	WG1288937
Phenanthrene	0.0473		0.00623	0.0393	1	06/04/2019 00:13	WG1288937
Benzylbutyl phthalate	U		0.0121	0.393	1	06/04/2019 00:13	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0142	0.393	1	06/04/2019 00:13	WG1288937
Di-n-butyl phthalate	U		0.0129	0.393	1	06/04/2019 00:13	WG1288937
Diethyl phthalate	U		0.00815	0.393	1	06/04/2019 00:13	WG1288937
Dimethyl phthalate	U		0.00637	0.393	1	06/04/2019 00:13	WG1288937
Di-n-octyl phthalate	U		0.0107	0.393	1	06/04/2019 00:13	WG1288937
Pyrene	0.104		0.0145	0.0393	1	06/04/2019 00:13	WG1288937
1,2,4-Trichlorobenzene	U		0.0103	0.393	1	06/04/2019 00:13	WG1288937
4-Chloro-3-methylphenol	U		0.00563	0.393	1	06/04/2019 00:13	WG1288937
2-Chlorophenol	U		0.00980	0.393	1	06/04/2019 00:13	WG1288937
2,4-Dichlorophenol	U		0.00880	0.393	1	06/04/2019 00:13	WG1288937
2,4-Dimethylphenol	U		0.0556	0.393	1	06/04/2019 00:13	WG1288937
4,6-Dinitro-2-methylphenol	U		0.146	0.393	1	06/04/2019 00:13	WG1288937
2,4-Dinitrophenol	U		0.116	0.393	1	06/04/2019 00:13	WG1288937
2-Nitrophenol	U		0.0153	0.393	1	06/04/2019 00:13	WG1288937
4-Nitrophenol	U		0.0619	0.393	1	06/04/2019 00:13	WG1288937
Pentachlorophenol	U		0.0566	0.393	1	06/04/2019 00:13	WG1288937
Phenol	U		0.00820	0.393	1	06/04/2019 00:13	WG1288937
2,4,6-Trichlorophenol	U		0.00919	0.393	1	06/04/2019 00:13	WG1288937
(S) 2-Fluorophenol	*119*			*12.0-120*		*06/04/2019 00:13*	WG1288937
(S) Phenol-d5	*108*			*10.0-120*		*06/04/2019 00:13*	WG1288937
(S) Nitrobenzene-d5	*86.1*			*10.0-122*		*06/04/2019 00:13*	WG1288937
(S) 2-Fluorobiphenyl	*100*			*15.0-120*		*06/04/2019 00:13*	WG1288937
(S) 2,4,6-Tribromophenol	*104*			*10.0-127*		*06/04/2019 00:13*	WG1288937
(S) p-Terphenyl-d14	*116*			*10.0-120*		*06/04/2019 00:13*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.8		1	05/31/2019 10:41	WG1289004

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00163	0.0242	1	06/02/2019 20:14	WG1289730
Alpha BHC	U		0.00164	0.0242	1	06/02/2019 20:14	WG1289730
Beta BHC	U		0.00193	0.0242	1	06/02/2019 20:14	WG1289730
Delta BHC	U		0.00173	0.0242	1	06/02/2019 20:14	WG1289730
Gamma BHC	U		0.00175	0.0242	1	06/02/2019 20:14	WG1289730
Chlordane	U		0.0471	0.242	1	06/02/2019 20:14	WG1289730
4,4-DDD	U		0.00188	0.0242	1	06/02/2019 20:14	WG1289730
4,4-DDE	U		0.00186	0.0242	1	06/02/2019 20:14	WG1289730
4,4-DDT	U		0.00242	0.0242	1	06/02/2019 20:14	WG1289730
Dieldrin	U		0.00184	0.0242	1	06/02/2019 20:14	WG1289730
Endosulfan I	U		0.00180	0.0242	1	06/02/2019 20:14	WG1289730
Endosulfan II	U		0.00193	0.0242	1	06/02/2019 20:14	WG1289730
Endosulfan sulfate	U		0.00182	0.0242	1	06/02/2019 20:14	WG1289730
Endrin	U		0.00190	0.0242	1	06/02/2019 20:14	WG1289730
Endrin aldehyde	U		0.00156	0.0242	1	06/02/2019 20:14	WG1289730
Endrin ketone	U		0.00199	0.0242	1	06/02/2019 20:14	WG1289730
Hexachlorobenzene	U		0.00150	0.0242	1	06/02/2019 20:14	WG1289730
Heptachlor	U		0.00186	0.0242	1	06/02/2019 20:14	WG1289730
Heptachlor epoxide	U		0.00195	0.0242	1	06/02/2019 20:14	WG1289730
Methoxychlor	U		0.00215	0.0242	1	06/02/2019 20:14	WG1289730
Toxaphene	U		0.0435	0.483	1	06/02/2019 20:14	WG1289730
(S) Decachlorobiphenyl	*89.3*			*10.0-135*		*06/02/2019 20:14*	WG1289730
(S) Tetrachloro-m-xylene	*66.8*			*10.0-139*		*06/02/2019 20:14*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00776	0.0402	1	06/03/2019 19:07	WG1288937
Acenaphthylene	U		0.00811	0.0402	1	06/03/2019 19:07	WG1288937
Anthracene	U		0.00764	0.0402	1	06/03/2019 19:07	WG1288937
Benzidine	U		0.0770	0.402	1	06/03/2019 19:07	WG1288937
Benzo(a)anthracene	U		0.00517	0.0402	1	06/03/2019 19:07	WG1288937
Benzo(b)fluoranthene	U		0.00840	0.0402	1	06/03/2019 19:07	WG1288937
Benzo(k)fluoranthene	U		0.00703	0.0402	1	06/03/2019 19:07	WG1288937
Benzo(g,h,i)perylene	U		0.00871	0.0402	1	06/03/2019 19:07	WG1288937
Benzo(a)pyrene	U		0.00662	0.0402	1	06/03/2019 19:07	WG1288937
Bis(2-chlorethoxy)methane	U		0.00930	0.402	1	06/03/2019 19:07	WG1288937
Bis(2-chloroethyl)ether	U		0.0108	0.402	1	06/03/2019 19:07	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00918	0.402	1	06/03/2019 19:07	WG1288937
4-Bromophenyl-phenylether	U		0.0138	0.402	1	06/03/2019 19:07	WG1288937
2-Chloronaphthalene	U		0.00772	0.0402	1	06/03/2019 19:07	WG1288937
4-Chlorophenyl-phenylether	U		0.00758	0.402	1	06/03/2019 19:07	WG1288937
Chrysene	U		0.00671	0.0402	1	06/03/2019 19:07	WG1288937
Dibenz(a,h)anthracene	U		0.00992	0.0402	1	06/03/2019 19:07	WG1288937
3,3-Dichlorobenzidine	U		0.0959	0.402	1	06/03/2019 19:07	WG1288937
2,4-Dinitrotoluene	U		0.00733	0.402	1	06/03/2019 19:07	WG1288937
2,6-Dinitrotoluene	U		0.00890	0.402	1	06/03/2019 19:07	WG1288937
Fluoranthene	U		0.00599	0.0402	1	06/03/2019 19:07	WG1288937
Fluorene	U		0.00824	0.0402	1	06/03/2019 19:07	WG1288937
Hexachlorobenzene	U		0.0103	0.402	1	06/03/2019 19:07	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0121	0.402	1	06/03/2019 19:07	WG1288937
Hexachlorocyclopentadiene	U		0.0709	0.402	1	06/03/2019 19:07	WG1288937
Hexachloroethane	U		0.0162	0.402	1	06/03/2019 19:07	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00933	0.0402	1	06/03/2019 19:07	WG1288937
Isophorone	U		0.00631	0.402	1	06/03/2019 19:07	WG1288937
Naphthalene	U		0.0107	0.0402	1	06/03/2019 19:07	WG1288937
Nitrobenzene	U		0.00840	0.402	1	06/03/2019 19:07	WG1288937
n-Nitrosodimethylamine	U		0.0782	0.402	1	06/03/2019 19:07	WG1288937
n-Nitrosodiphenylamine	U		0.109	0.402	1	06/03/2019 19:07	WG1288937
n-Nitrosodi-n-propylamine	U		0.0109	0.402	1	06/03/2019 19:07	WG1288937
Phenanthrene	U		0.00638	0.0402	1	06/03/2019 19:07	WG1288937
Benzylbutyl phthalate	U		0.0124	0.402	1	06/03/2019 19:07	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0145	0.402	1	06/03/2019 19:07	WG1288937
Di-n-butyl phthalate	U		0.0132	0.402	1	06/03/2019 19:07	WG1288937
Diethyl phthalate	U		0.00835	0.402	1	06/03/2019 19:07	WG1288937
Dimethyl phthalate	U		0.00652	0.402	1	06/03/2019 19:07	WG1288937
Di-n-octyl phthalate	U		0.0110	0.402	1	06/03/2019 19:07	WG1288937
Pyrene	U		0.0149	0.0402	1	06/03/2019 19:07	WG1288937
1,2,4-Trichlorobenzene	U		0.0106	0.402	1	06/03/2019 19:07	WG1288937
4-Chloro-3-methylphenol	U		0.00576	0.402	1	06/03/2019 19:07	WG1288937
2-Chlorophenol	U		0.0100	0.402	1	06/03/2019 19:07	WG1288937
2,4-Dichlorophenol	U		0.00901	0.402	1	06/03/2019 19:07	WG1288937
2,4-Dimethylphenol	U		0.0569	0.402	1	06/03/2019 19:07	WG1288937
4,6-Dinitro-2-methylphenol	U		0.150	0.402	1	06/03/2019 19:07	WG1288937
2,4-Dinitrophenol	U		0.118	0.402	1	06/03/2019 19:07	WG1288937
2-Nitrophenol	U		0.0157	0.402	1	06/03/2019 19:07	WG1288937
4-Nitrophenol	U		0.0634	0.402	1	06/03/2019 19:07	WG1288937
Pentachlorophenol	U		0.0580	0.402	1	06/03/2019 19:07	WG1288937
Phenol	U		0.00840	0.402	1	06/03/2019 19:07	WG1288937
2,4,6-Trichlorophenol	U		0.00941	0.402	1	06/03/2019 19:07	WG1288937
(S) 2-Fluorophenol	*76.0*			*12.0-120*		*06/03/2019 19:07*	WG1288937
(S) Phenol-d5	*65.1*			*10.0-120*		*06/03/2019 19:07*	WG1288937
(S) Nitrobenzene-d5	*53.6*			*10.0-122*		*06/03/2019 19:07*	WG1288937
(S) 2-Fluorobiphenyl	*61.7*			*15.0-120*		*06/03/2019 19:07*	WG1288937
(S) 2,4,6-Tribromophenol	*60.1*			*10.0-127*		*06/03/2019 19:07*	WG1288937
(S) p-Terphenyl-d14	*71.3*			*10.0-120*		*06/03/2019 19:07*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.0		1	05/31/2019 10:41	WG1289004

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00157	0.0232	1	06/02/2019 20:27	WG1289730
Alpha BHC	U		0.00158	0.0232	1	06/02/2019 20:27	WG1289730
Beta BHC	U		0.00186	0.0232	1	06/02/2019 20:27	WG1289730
Delta BHC	U		0.00166	0.0232	1	06/02/2019 20:27	WG1289730
Gamma BHC	U		0.00169	0.0232	1	06/02/2019 20:27	WG1289730
Chlordane	U		0.0453	0.232	1	06/02/2019 20:27	WG1289730
4,4-DDD	U		0.00181	0.0232	1	06/02/2019 20:27	WG1289730
4,4-DDE	U		0.00179	0.0232	1	06/02/2019 20:27	WG1289730
4,4-DDT	U		0.00232	0.0232	1	06/02/2019 20:27	WG1289730
Dieldrin	U		0.00177	0.0232	1	06/02/2019 20:27	WG1289730
Endosulfan I	U		0.00173	0.0232	1	06/02/2019 20:27	WG1289730
Endosulfan II	U		0.00186	0.0232	1	06/02/2019 20:27	WG1289730
Endosulfan sulfate	U		0.00176	0.0232	1	06/02/2019 20:27	WG1289730
Endrin	U		0.00182	0.0232	1	06/02/2019 20:27	WG1289730
Endrin aldehyde	U		0.00150	0.0232	1	06/02/2019 20:27	WG1289730
Endrin ketone	U		0.00192	0.0232	1	06/02/2019 20:27	WG1289730
Hexachlorobenzene	U		0.00144	0.0232	1	06/02/2019 20:27	WG1289730
Heptachlor	U		0.00179	0.0232	1	06/02/2019 20:27	WG1289730
Heptachlor epoxide	U		0.00187	0.0232	1	06/02/2019 20:27	WG1289730
Methoxychlor	U		0.00207	0.0232	1	06/02/2019 20:27	WG1289730
Toxaphene	U		0.0418	0.465	1	06/02/2019 20:27	WG1289730
(S) Decachlorobiphenyl	*85.7*			*10.0-135*		*06/02/2019 20:27*	WG1289730
(S) Tetrachloro-m-xylene	*64.1*			*10.0-139*		*06/02/2019 20:27*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00746	0.0387	1	06/03/2019 19:26	WG1288937
Acenaphthylene	U		0.00780	0.0387	1	06/03/2019 19:26	WG1288937
Anthracene	U		0.00735	0.0387	1	06/03/2019 19:26	WG1288937
Benzidine	U		0.0740	0.387	1	06/03/2019 19:26	WG1288937
Benzo(a)anthracene	U		0.00497	0.0387	1	06/03/2019 19:26	WG1288937
Benzo(b)fluoranthene	U		0.00808	0.0387	1	06/03/2019 19:26	WG1288937
Benzo(k)fluoranthene	U		0.00676	0.0387	1	06/03/2019 19:26	WG1288937
Benzo(g,h,i)perylene	U		0.00838	0.0387	1	06/03/2019 19:26	WG1288937
Benzo(a)pyrene	U		0.00637	0.0387	1	06/03/2019 19:26	WG1288937
Bis(2-chlorethoxy)methane	U		0.00895	0.387	1	06/03/2019 19:26	WG1288937
Bis(2-chloroethyl)ether	U		0.0104	0.387	1	06/03/2019 19:26	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00883	0.387	1	06/03/2019 19:26	WG1288937
4-Bromophenyl-phenylether	U		0.0132	0.387	1	06/03/2019 19:26	WG1288937
2-Chloronaphthalene	U		0.00743	0.0387	1	06/03/2019 19:26	WG1288937
4-Chlorophenyl-phenylether	U		0.00729	0.387	1	06/03/2019 19:26	WG1288937
Chrysene	U		0.00645	0.0387	1	06/03/2019 19:26	WG1288937
Dibenz(a,h)anthracene	U		0.00954	0.0387	1	06/03/2019 19:26	WG1288937
3,3-Dichlorobenzidine	U		0.0923	0.387	1	06/03/2019 19:26	WG1288937
2,4-Dinitrotoluene	U		0.00705	0.387	1	06/03/2019 19:26	WG1288937
2,6-Dinitrotoluene	U		0.00857	0.387	1	06/03/2019 19:26	WG1288937
Fluoranthene	U		0.00576	0.0387	1	06/03/2019 19:26	WG1288937
Fluorene	U		0.00793	0.0387	1	06/03/2019 19:26	WG1288937
Hexachlorobenzene	U		0.00995	0.387	1	06/03/2019 19:26	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0116	0.387	1	06/03/2019 19:26	WG1288937
Hexachlorocyclopentadiene	U		0.0682	0.387	1	06/03/2019 19:26	WG1288937
Hexachloroethane	U		0.0156	0.387	1	06/03/2019 19:26	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00897	0.0387	1	06/03/2019 19:26	WG1288937
Isophorone	U		0.00607	0.387	1	06/03/2019 19:26	WG1288937
Naphthalene	U		0.0103	0.0387	1	06/03/2019 19:26	WG1288937
Nitrobenzene	U		0.00808	0.387	1	06/03/2019 19:26	WG1288937
n-Nitrosodimethylamine	U		0.0752	0.387	1	06/03/2019 19:26	WG1288937
n-Nitrosodiphenylamine	U		0.105	0.387	1	06/03/2019 19:26	WG1288937
n-Nitrosodi-n-propylamine	U		0.0105	0.387	1	06/03/2019 19:26	WG1288937
Phenanthrene	U		0.00614	0.0387	1	06/03/2019 19:26	WG1288937
Benzylbutyl phthalate	U		0.0120	0.387	1	06/03/2019 19:26	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0139	0.387	1	06/03/2019 19:26	WG1288937
Di-n-butyl phthalate	U		0.0127	0.387	1	06/03/2019 19:26	WG1288937
Diethyl phthalate	U		0.00803	0.387	1	06/03/2019 19:26	WG1288937
Dimethyl phthalate	U		0.00628	0.387	1	06/03/2019 19:26	WG1288937
Di-n-octyl phthalate	U		0.0105	0.387	1	06/03/2019 19:26	WG1288937
Pyrene	U		0.0143	0.0387	1	06/03/2019 19:26	WG1288937
1,2,4-Trichlorobenzene	U		0.0102	0.387	1	06/03/2019 19:26	WG1288937
4-Chloro-3-methylphenol	U		0.00554	0.387	1	06/03/2019 19:26	WG1288937
2-Chlorophenol	U		0.00966	0.387	1	06/03/2019 19:26	WG1288937
2,4-Dichlorophenol	U		0.00867	0.387	1	06/03/2019 19:26	WG1288937
2,4-Dimethylphenol	U		0.0547	0.387	1	06/03/2019 19:26	WG1288937
4,6-Dinitro-2-methylphenol	U		0.144	0.387	1	06/03/2019 19:26	WG1288937
2,4-Dinitrophenol	U		0.114	0.387	1	06/03/2019 19:26	WG1288937
2-Nitrophenol	U		0.0151	0.387	1	06/03/2019 19:26	WG1288937
4-Nitrophenol	U		0.0610	0.387	1	06/03/2019 19:26	WG1288937
Pentachlorophenol	U		0.0558	0.387	1	06/03/2019 19:26	WG1288937
Phenol	U		0.00808	0.387	1	06/03/2019 19:26	WG1288937
2,4,6-Trichlorophenol	U		0.00905	0.387	1	06/03/2019 19:26	WG1288937
(S) 2-Fluorophenol	*72.3*			*12.0-120*		*06/03/2019 19:26*	WG1288937
(S) Phenol-d5	*63.1*			*10.0-120*		*06/03/2019 19:26*	WG1288937
(S) Nitrobenzene-d5	*48.9*			*10.0-122*		*06/03/2019 19:26*	WG1288937
(S) 2-Fluorobiphenyl	*58.1*			*15.0-120*		*06/03/2019 19:26*	WG1288937
(S) 2,4,6-Tribromophenol	*60.0*			*10.0-127*		*06/03/2019 19:26*	WG1288937
(S) p-Terphenyl-d14	*67.5*			*10.0-120*		*06/03/2019 19:26*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.7		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00156	0.0231	1	06/02/2019 20:39	WG1289730
Alpha BHC	U		0.00157	0.0231	1	06/02/2019 20:39	WG1289730
Beta BHC	U		0.00185	0.0231	1	06/02/2019 20:39	WG1289730
Delta BHC	U		0.00165	0.0231	1	06/02/2019 20:39	WG1289730
Gamma BHC	U		0.00167	0.0231	1	06/02/2019 20:39	WG1289730
Chlordane	0.0487	J	0.0450	0.231	1	06/02/2019 20:39	WG1289730
4,4-DDD	U		0.00180	0.0231	1	06/02/2019 20:39	WG1289730
4,4-DDE	U		0.00178	0.0231	1	06/02/2019 20:39	WG1289730
4,4-DDT	U		0.00231	0.0231	1	06/02/2019 20:39	WG1289730
Dieldrin	0.00200	J	0.00175	0.0231	1	06/02/2019 20:39	WG1289730
Endosulfan I	U		0.00172	0.0231	1	06/02/2019 20:39	WG1289730
Endosulfan II	U		0.00185	0.0231	1	06/02/2019 20:39	WG1289730
Endosulfan sulfate	U		0.00174	0.0231	1	06/02/2019 20:39	WG1289730
Endrin	U		0.00181	0.0231	1	06/02/2019 20:39	WG1289730
Endrin aldehyde	U		0.00149	0.0231	1	06/02/2019 20:39	WG1289730
Endrin ketone	U		0.00190	0.0231	1	06/02/2019 20:39	WG1289730
Hexachlorobenzene	U		0.00143	0.0231	1	06/02/2019 20:39	WG1289730
Heptachlor	U		0.00178	0.0231	1	06/02/2019 20:39	WG1289730
Heptachlor epoxide	U		0.00186	0.0231	1	06/02/2019 20:39	WG1289730
Methoxychlor	U		0.00205	0.0231	1	06/02/2019 20:39	WG1289730
Toxaphene	U		0.0415	0.461	1	06/02/2019 20:39	WG1289730
(S) Decachlorobiphenyl	*77.4*			*10.0-135*		*06/02/2019 20:39*	WG1289730
(S) Tetrachloro-m-xylene	*60.7*			*10.0-139*		*06/02/2019 20:39*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.0740	0.384	10	06/04/2019 01:50	WG1288937
Acenaphthylene	U		0.0774	0.384	10	06/04/2019 01:50	WG1288937
Anthracene	U		0.0729	0.384	10	06/04/2019 01:50	WG1288937
Benzidine	U		0.735	3.84	10	06/04/2019 01:50	WG1288937
Benzo(a)anthracene	U		0.0494	0.384	10	06/04/2019 01:50	WG1288937
Benzo(b)fluoranthene	U		0.0801	0.384	10	06/04/2019 01:50	WG1288937
Benzo(k)fluoranthene	U		0.0671	0.384	10	06/04/2019 01:50	WG1288937
Benzo(g,h,i)perylene	U		0.0831	0.384	10	06/04/2019 01:50	WG1288937
Benzo(a)pyrene	U		0.0632	0.384	10	06/04/2019 01:50	WG1288937
Bis(2-chlorethoxy)methane	U		0.0888	3.84	10	06/04/2019 01:50	WG1288937
Bis(2-chloroethyl)ether	U		0.103	3.84	10	06/04/2019 01:50	WG1288937
Bis(2-chloroisopropyl)ether	U		0.0876	3.84	10	06/04/2019 01:50	WG1288937
4-Bromophenyl-phenylether	U		0.131	3.84	10	06/04/2019 01:50	WG1288937
2-Chloronaphthalene	U		0.0737	0.384	10	06/04/2019 01:50	WG1288937
4-Chlorophenyl-phenylether	U		0.0723	3.84	10	06/04/2019 01:50	WG1288937
Chrysene	U		0.0640	0.384	10	06/04/2019 01:50	WG1288937
Dibenz(a,h)anthracene	U		0.0947	0.384	10	06/04/2019 01:50	WG1288937
3,3-Dichlorobenzidine	U		0.916	3.84	10	06/04/2019 01:50	WG1288937
2,4-Dinitrotoluene	U		0.0700	3.84	10	06/04/2019 01:50	WG1288937
2,6-Dinitrotoluene	U		0.0850	3.84	10	06/04/2019 01:50	WG1288937
Fluoranthene	0.0620	J	0.0572	0.384	10	06/04/2019 01:50	WG1288937
Fluorene	U		0.0786	0.384	10	06/04/2019 01:50	WG1288937
Hexachlorobenzene	U		0.0987	3.84	10	06/04/2019 01:50	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.115	3.84	10	06/04/2019 01:50	WG1288937
Hexachlorocyclopentadiene	U		0.677	3.84	10	06/04/2019 01:50	WG1288937
Hexachloroethane	U		0.155	3.84	10	06/04/2019 01:50	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.0890	0.384	10	06/04/2019 01:50	WG1288937
Isophorone	U		0.0602	3.84	10	06/04/2019 01:50	WG1288937
Naphthalene	U		0.103	0.384	10	06/04/2019 01:50	WG1288937
Nitrobenzene	U		0.0801	3.84	10	06/04/2019 01:50	WG1288937
n-Nitrosodimethylamine	U		0.746	3.84	10	06/04/2019 01:50	WG1288937
n-Nitrosodiphenylamine	U		1.04	3.84	10	06/04/2019 01:50	WG1288937
n-Nitrosodi-n-propylamine	U		0.104	3.84	10	06/04/2019 01:50	WG1288937
Phenanthrene	U		0.0609	0.384	10	06/04/2019 01:50	WG1288937
Benzylbutyl phthalate	U		0.119	3.84	10	06/04/2019 01:50	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.138	3.84	10	06/04/2019 01:50	WG1288937
Di-n-butyl phthalate	U		0.126	3.84	10	06/04/2019 01:50	WG1288937
Diethyl phthalate	U		0.0797	3.84	10	06/04/2019 01:50	WG1288937
Dimethyl phthalate	U		0.0623	3.84	10	06/04/2019 01:50	WG1288937
Di-n-octyl phthalate	U		0.105	3.84	10	06/04/2019 01:50	WG1288937
Pyrene	U		0.142	0.384	10	06/04/2019 01:50	WG1288937
1,2,4-Trichlorobenzene	U		0.101	3.84	10	06/04/2019 01:50	WG1288937
4-Chloro-3-methylphenol	U		0.0550	3.84	10	06/04/2019 01:50	WG1288937
2-Chlorophenol	U		0.0958	3.84	10	06/04/2019 01:50	WG1288937
2,4-Dichlorophenol	U		0.0860	3.84	10	06/04/2019 01:50	WG1288937
2,4-Dimethylphenol	U		0.543	3.84	10	06/04/2019 01:50	WG1288937
4,6-Dinitro-2-methylphenol	U		1.43	3.84	10	06/04/2019 01:50	WG1288937
2,4-Dinitrophenol	U		1.13	3.84	10	06/04/2019 01:50	WG1288937
2-Nitrophenol	U		0.150	3.84	10	06/04/2019 01:50	WG1288937
4-Nitrophenol	U		0.605	3.84	10	06/04/2019 01:50	WG1288937
Pentachlorophenol	U		0.554	3.84	10	06/04/2019 01:50	WG1288937
Phenol	U		0.0801	3.84	10	06/04/2019 01:50	WG1288937
2,4,6-Trichlorophenol	U		0.0898	3.84	10	06/04/2019 01:50	WG1288937
(S) 2-Fluorophenol	*57.5*			*12.0-120*		*06/04/2019 01:50*	WG1288937
(S) Phenol-d5	*56.4*			*10.0-120*		*06/04/2019 01:50*	WG1288937
(S) Nitrobenzene-d5	*45.2*			*10.0-122*		*06/04/2019 01:50*	WG1288937
(S) 2-Fluorobiphenyl	*53.3*			*15.0-120*		*06/04/2019 01:50*	WG1288937
(S) 2,4,6-Tribromophenol	*63.4*			*10.0-127*		*06/04/2019 01:50*	WG1288937
(S) p-Terphenyl-d14	*64.2*			*10.0-120*		*06/04/2019 01:50*	WG1288937

Sample Narrative:

L1102111-04 WG1288937: Dilution due to viscosity.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.7		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00156	0.0231	1	06/02/2019 20:52	WG1289730
Alpha BHC	U		0.00157	0.0231	1	06/02/2019 20:52	WG1289730
Beta BHC	U		0.00184	0.0231	1	06/02/2019 20:52	WG1289730
Delta BHC	U		0.00165	0.0231	1	06/02/2019 20:52	WG1289730
Gamma BHC	U		0.00167	0.0231	1	06/02/2019 20:52	WG1289730
Chlordane	U		0.0450	0.231	1	06/02/2019 20:52	WG1289730
4,4-DDD	U		0.00180	0.0231	1	06/02/2019 20:52	WG1289730
4,4-DDE	U		0.00178	0.0231	1	06/02/2019 20:52	WG1289730
4,4-DDT	U		0.00231	0.0231	1	06/02/2019 20:52	WG1289730
Dieldrin	U		0.00175	0.0231	1	06/02/2019 20:52	WG1289730
Endosulfan I	U		0.00172	0.0231	1	06/02/2019 20:52	WG1289730
Endosulfan II	U		0.00184	0.0231	1	06/02/2019 20:52	WG1289730
Endosulfan sulfate	U		0.00174	0.0231	1	06/02/2019 20:52	WG1289730
Endrin	U		0.00181	0.0231	1	06/02/2019 20:52	WG1289730
Endrin aldehyde	U		0.00149	0.0231	1	06/02/2019 20:52	WG1289730
Endrin ketone	U		0.00190	0.0231	1	06/02/2019 20:52	WG1289730
Hexachlorobenzene	U		0.00143	0.0231	1	06/02/2019 20:52	WG1289730
Heptachlor	U		0.00178	0.0231	1	06/02/2019 20:52	WG1289730
Heptachlor epoxide	U		0.00186	0.0231	1	06/02/2019 20:52	WG1289730
Methoxychlor	U		0.00205	0.0231	1	06/02/2019 20:52	WG1289730
Toxaphene	U		0.0415	0.461	1	06/02/2019 20:52	WG1289730
(S) Decachlorobiphenyl	*68.2*			*10.0-135*		*06/02/2019 20:52*	WG1289730
(S) Tetrachloro-m-xylene	*59.3*			*10.0-139*		*06/02/2019 20:52*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00740	0.0384	1	06/03/2019 19:45	WG1288937
Acenaphthylene	U		0.00774	0.0384	1	06/03/2019 19:45	WG1288937
Anthracene	U		0.00729	0.0384	1	06/03/2019 19:45	WG1288937
Benzidine	U		0.0734	0.384	1	06/03/2019 19:45	WG1288937
Benzo(a)anthracene	U		0.00493	0.0384	1	06/03/2019 19:45	WG1288937
Benzo(b)fluoranthene	U		0.00801	0.0384	1	06/03/2019 19:45	WG1288937
Benzo(k)fluoranthene	U		0.00671	0.0384	1	06/03/2019 19:45	WG1288937
Benzo(g,h,i)perylene	U		0.00831	0.0384	1	06/03/2019 19:45	WG1288937
Benzo(a)pyrene	U		0.00632	0.0384	1	06/03/2019 19:45	WG1288937
Bis(2-chlorethoxy)methane	U		0.00888	0.384	1	06/03/2019 19:45	WG1288937
Bis(2-chloroethyl)ether	U		0.0103	0.384	1	06/03/2019 19:45	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00876	0.384	1	06/03/2019 19:45	WG1288937
4-Bromophenyl-phenylether	U		0.0131	0.384	1	06/03/2019 19:45	WG1288937
2-Chloronaphthalene	U		0.00737	0.0384	1	06/03/2019 19:45	WG1288937
4-Chlorophenyl-phenylether	U		0.00723	0.384	1	06/03/2019 19:45	WG1288937
Chrysene	U		0.00640	0.0384	1	06/03/2019 19:45	WG1288937
Dibenz(a,h)anthracene	U		0.00946	0.0384	1	06/03/2019 19:45	WG1288937
3,3-Dichlorobenzidine	U		0.0915	0.384	1	06/03/2019 19:45	WG1288937
2,4-Dinitrotoluene	U		0.00700	0.384	1	06/03/2019 19:45	WG1288937
2,6-Dinitrotoluene	U		0.00850	0.384	1	06/03/2019 19:45	WG1288937
Fluoranthene	U		0.00572	0.0384	1	06/03/2019 19:45	WG1288937
Fluorene	U		0.00786	0.0384	1	06/03/2019 19:45	WG1288937
Hexachlorobenzene	U		0.00987	0.384	1	06/03/2019 19:45	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0115	0.384	1	06/03/2019 19:45	WG1288937
Hexachlorocyclopentadiene	U		0.0677	0.384	1	06/03/2019 19:45	WG1288937
Hexachloroethane	U		0.0154	0.384	1	06/03/2019 19:45	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00890	0.0384	1	06/03/2019 19:45	WG1288937
Isophorone	U		0.00602	0.384	1	06/03/2019 19:45	WG1288937
Naphthalene	U		0.0102	0.0384	1	06/03/2019 19:45	WG1288937
Nitrobenzene	U		0.00801	0.384	1	06/03/2019 19:45	WG1288937
n-Nitrosodimethylamine	U		0.0746	0.384	1	06/03/2019 19:45	WG1288937
n-Nitrosodiphenylamine	U		0.104	0.384	1	06/03/2019 19:45	WG1288937
n-Nitrosodi-n-propylamine	U		0.0104	0.384	1	06/03/2019 19:45	WG1288937
Phenanthrene	U		0.00609	0.0384	1	06/03/2019 19:45	WG1288937
Benzylbutyl phthalate	U		0.0119	0.384	1	06/03/2019 19:45	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0138	0.384	1	06/03/2019 19:45	WG1288937
Di-n-butyl phthalate	U		0.0126	0.384	1	06/03/2019 19:45	WG1288937
Diethyl phthalate	U		0.00797	0.384	1	06/03/2019 19:45	WG1288937
Dimethyl phthalate	U		0.00622	0.384	1	06/03/2019 19:45	WG1288937
Di-n-octyl phthalate	U		0.0105	0.384	1	06/03/2019 19:45	WG1288937
Pyrene	U		0.0142	0.0384	1	06/03/2019 19:45	WG1288937
1,2,4-Trichlorobenzene	U		0.0101	0.384	1	06/03/2019 19:45	WG1288937
4-Chloro-3-methylphenol	U		0.00550	0.384	1	06/03/2019 19:45	WG1288937
2-Chlorophenol	U		0.00958	0.384	1	06/03/2019 19:45	WG1288937
2,4-Dichlorophenol	U		0.00860	0.384	1	06/03/2019 19:45	WG1288937
2,4-Dimethylphenol	U		0.0543	0.384	1	06/03/2019 19:45	WG1288937
4,6-Dinitro-2-methylphenol	U		0.143	0.384	1	06/03/2019 19:45	WG1288937
2,4-Dinitrophenol	U		0.113	0.384	1	06/03/2019 19:45	WG1288937
2-Nitrophenol	U		0.0150	0.384	1	06/03/2019 19:45	WG1288937
4-Nitrophenol	U		0.0605	0.384	1	06/03/2019 19:45	WG1288937
Pentachlorophenol	U		0.0553	0.384	1	06/03/2019 19:45	WG1288937
Phenol	U		0.00801	0.384	1	06/03/2019 19:45	WG1288937
2,4,6-Trichlorophenol	U		0.00898	0.384	1	06/03/2019 19:45	WG1288937
(S) 2-Fluorophenol	*77.7*			*12.0-120*		*06/03/2019 19:45*	WG1288937
(S) Phenol-d5	*68.8*			*10.0-120*		*06/03/2019 19:45*	WG1288937
(S) Nitrobenzene-d5	*53.8*			*10.0-122*		*06/03/2019 19:45*	WG1288937
(S) 2-Fluorobiphenyl	*63.4*			*15.0-120*		*06/03/2019 19:45*	WG1288937
(S) 2,4,6-Tribromophenol	*61.2*			*10.0-127*		*06/03/2019 19:45*	WG1288937
(S) p-Terphenyl-d14	*74.5*			*10.0-120*		*06/03/2019 19:45*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.2		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00160	0.0238	1	06/02/2019 21:04	WG1289730
Alpha BHC	U		0.00162	0.0238	1	06/02/2019 21:04	WG1289730
Beta BHC	U		0.00190	0.0238	1	06/02/2019 21:04	WG1289730
Delta BHC	U		0.00170	0.0238	1	06/02/2019 21:04	WG1289730
Gamma BHC	U		0.00172	0.0238	1	06/02/2019 21:04	WG1289730
Chlordane	U		0.0463	0.238	1	06/02/2019 21:04	WG1289730
4,4-DDD	U		0.00185	0.0238	1	06/02/2019 21:04	WG1289730
4,4-DDE	U		0.00183	0.0238	1	06/02/2019 21:04	WG1289730
4,4-DDT	U		0.00238	0.0238	1	06/02/2019 21:04	WG1289730
Dieldrin	U		0.00181	0.0238	1	06/02/2019 21:04	WG1289730
Endosulfan I	U		0.00177	0.0238	1	06/02/2019 21:04	WG1289730
Endosulfan II	U		0.00190	0.0238	1	06/02/2019 21:04	WG1289730
Endosulfan sulfate	U		0.00179	0.0238	1	06/02/2019 21:04	WG1289730
Endrin	U		0.00187	0.0238	1	06/02/2019 21:04	WG1289730
Endrin aldehyde	U		0.00153	0.0238	1	06/02/2019 21:04	WG1289730
Endrin ketone	U		0.00196	0.0238	1	06/02/2019 21:04	WG1289730
Hexachlorobenzene	U		0.00147	0.0238	1	06/02/2019 21:04	WG1289730
Heptachlor	U		0.00183	0.0238	1	06/02/2019 21:04	WG1289730
Heptachlor epoxide	U		0.00191	0.0238	1	06/02/2019 21:04	WG1289730
Methoxychlor	U		0.00211	0.0238	1	06/02/2019 21:04	WG1289730
Toxaphene	U		0.0428	0.475	1	06/02/2019 21:04	WG1289730
(S) Decachlorobiphenyl	*87.5*			*10.0-135*		*06/02/2019 21:04*	WG1289730
(S) Tetrachloro-m-xylene	*67.1*			*10.0-139*		*06/02/2019 21:04*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00763	0.0396	1	06/03/2019 20:04	WG1288937
Acenaphthylene	U		0.00797	0.0396	1	06/03/2019 20:04	WG1288937
Anthracene	U		0.00751	0.0396	1	06/03/2019 20:04	WG1288937
Benzidine	U		0.0757	0.396	1	06/03/2019 20:04	WG1288937
Benzo(a)anthracene	U		0.00509	0.0396	1	06/03/2019 20:04	WG1288937
Benzo(b)fluoranthene	U		0.00826	0.0396	1	06/03/2019 20:04	WG1288937
Benzo(k)fluoranthene	U		0.00692	0.0396	1	06/03/2019 20:04	WG1288937
Benzo(g,h,i)perylene	U		0.00857	0.0396	1	06/03/2019 20:04	WG1288937
Benzo(a)pyrene	U		0.00651	0.0396	1	06/03/2019 20:04	WG1288937
Bis(2-chlorethoxy)methane	U		0.00915	0.396	1	06/03/2019 20:04	WG1288937
Bis(2-chloroethyl)ether	U		0.0106	0.396	1	06/03/2019 20:04	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00903	0.396	1	06/03/2019 20:04	WG1288937
4-Bromophenyl-phenylether	U		0.0135	0.396	1	06/03/2019 20:04	WG1288937
2-Chloronaphthalene	U		0.00759	0.0396	1	06/03/2019 20:04	WG1288937
4-Chlorophenyl-phenylether	U		0.00745	0.396	1	06/03/2019 20:04	WG1288937
Chrysene	U		0.00659	0.0396	1	06/03/2019 20:04	WG1288937
Dibenz(a,h)anthracene	U		0.00975	0.0396	1	06/03/2019 20:04	WG1288937
3,3-Dichlorobenzidine	U		0.0943	0.396	1	06/03/2019 20:04	WG1288937
2,4-Dinitrotoluene	U		0.00721	0.396	1	06/03/2019 20:04	WG1288937
2,6-Dinitrotoluene	U		0.00876	0.396	1	06/03/2019 20:04	WG1288937
Fluoranthene	U		0.00589	0.0396	1	06/03/2019 20:04	WG1288937
Fluorene	U		0.00810	0.0396	1	06/03/2019 20:04	WG1288937
Hexachlorobenzene	U		0.0102	0.396	1	06/03/2019 20:04	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.396	1	06/03/2019 20:04	WG1288937
Hexachlorocyclopentadiene	U		0.0697	0.396	1	06/03/2019 20:04	WG1288937
Hexachloroethane	U		0.0159	0.396	1	06/03/2019 20:04	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00917	0.0396	1	06/03/2019 20:04	WG1288937
Isophorone	U		0.00620	0.396	1	06/03/2019 20:04	WG1288937
Naphthalene	U		0.0106	0.0396	1	06/03/2019 20:04	WG1288937
Nitrobenzene	U		0.00826	0.396	1	06/03/2019 20:04	WG1288937
n-Nitrosodimethylamine	U		0.0769	0.396	1	06/03/2019 20:04	WG1288937
n-Nitrosodiphenylamine	U		0.107	0.396	1	06/03/2019 20:04	WG1288937
n-Nitrosodi-n-propylamine	U		0.0108	0.396	1	06/03/2019 20:04	WG1288937
Phenanthrene	U		0.00627	0.0396	1	06/03/2019 20:04	WG1288937
Benzylbutyl phthalate	U		0.0122	0.396	1	06/03/2019 20:04	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0143	0.396	1	06/03/2019 20:04	WG1288937
Di-n-butyl phthalate	U		0.0130	0.396	1	06/03/2019 20:04	WG1288937
Diethyl phthalate	U		0.00821	0.396	1	06/03/2019 20:04	WG1288937
Dimethyl phthalate	U		0.00642	0.396	1	06/03/2019 20:04	WG1288937
Di-n-octyl phthalate	U		0.0108	0.396	1	06/03/2019 20:04	WG1288937
Pyrene	U		0.0146	0.0396	1	06/03/2019 20:04	WG1288937
1,2,4-Trichlorobenzene	U		0.0104	0.396	1	06/03/2019 20:04	WG1288937
4-Chloro-3-methylphenol	U		0.00567	0.396	1	06/03/2019 20:04	WG1288937
2-Chlorophenol	U		0.00987	0.396	1	06/03/2019 20:04	WG1288937
2,4-Dichlorophenol	U		0.00886	0.396	1	06/03/2019 20:04	WG1288937
2,4-Dimethylphenol	U		0.0560	0.396	1	06/03/2019 20:04	WG1288937
4,6-Dinitro-2-methylphenol	U		0.147	0.396	1	06/03/2019 20:04	WG1288937
2,4-Dinitrophenol	U		0.116	0.396	1	06/03/2019 20:04	WG1288937
2-Nitrophenol	U		0.0154	0.396	1	06/03/2019 20:04	WG1288937
4-Nitrophenol	U		0.0624	0.396	1	06/03/2019 20:04	WG1288937
Pentachlorophenol	U		0.0570	0.396	1	06/03/2019 20:04	WG1288937
Phenol	U		0.00826	0.396	1	06/03/2019 20:04	WG1288937
2,4,6-Trichlorophenol	U		0.00926	0.396	1	06/03/2019 20:04	WG1288937
(S) 2-Fluorophenol	*74.7*			*12.0-120*		*06/03/2019 20:04*	WG1288937
(S) Phenol-d5	*65.7*			*10.0-120*		*06/03/2019 20:04*	WG1288937
(S) Nitrobenzene-d5	*52.5*			*10.0-122*		*06/03/2019 20:04*	WG1288937
(S) 2-Fluorobiphenyl	*60.1*			*15.0-120*		*06/03/2019 20:04*	WG1288937
(S) 2,4,6-Tribromophenol	*58.4*			*10.0-127*		*06/03/2019 20:04*	WG1288937
(S) p-Terphenyl-d14	*69.6*			*10.0-120*		*06/03/2019 20:04*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.9		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00149	0.0220	1	06/02/2019 21:17	WG1289730
Alpha BHC	U		0.00150	0.0220	1	06/02/2019 21:17	WG1289730
Beta BHC	U		0.00176	0.0220	1	06/02/2019 21:17	WG1289730
Delta BHC	U		0.00157	0.0220	1	06/02/2019 21:17	WG1289730
Gamma BHC	U		0.00160	0.0220	1	06/02/2019 21:17	WG1289730
Chlordane	U		0.0429	0.220	1	06/02/2019 21:17	WG1289730
4,4-DDD	U		0.00172	0.0220	1	06/02/2019 21:17	WG1289730
4,4-DDE	U		0.00169	0.0220	1	06/02/2019 21:17	WG1289730
4,4-DDT	U		0.00220	0.0220	1	06/02/2019 21:17	WG1289730
Dieldrin	U		0.00167	0.0220	1	06/02/2019 21:17	WG1289730
Endosulfan I	U		0.00164	0.0220	1	06/02/2019 21:17	WG1289730
Endosulfan II	U		0.00176	0.0220	1	06/02/2019 21:17	WG1289730
Endosulfan sulfate	U		0.00166	0.0220	1	06/02/2019 21:17	WG1289730
Endrin	U		0.00173	0.0220	1	06/02/2019 21:17	WG1289730
Endrin aldehyde	U		0.00142	0.0220	1	06/02/2019 21:17	WG1289730
Endrin ketone	U		0.00182	0.0220	1	06/02/2019 21:17	WG1289730
Hexachlorobenzene	U		0.00136	0.0220	1	06/02/2019 21:17	WG1289730
Heptachlor	U		0.00169	0.0220	1	06/02/2019 21:17	WG1289730
Heptachlor epoxide	U		0.00177	0.0220	1	06/02/2019 21:17	WG1289730
Methoxychlor	U		0.00196	0.0220	1	06/02/2019 21:17	WG1289730
Toxaphene	U		0.0396	0.440	1	06/02/2019 21:17	WG1289730
(S) Decachlorobiphenyl	*86.5*			*10.0-135*		*06/02/2019 21:17*	WG1289730
(S) Tetrachloro-m-xylene	*66.5*			*10.0-139*		*06/02/2019 21:17*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00706	0.0366	1	06/03/2019 23:54	WG1288937
Acenaphthylene	U		0.00738	0.0366	1	06/03/2019 23:54	WG1288937
Anthracene	U		0.00695	0.0366	1	06/03/2019 23:54	WG1288937
Benzidine	U		0.0701	0.366	1	06/03/2019 23:54	WG1288937
Benzo(a)anthracene	0.0220	J	0.00471	0.0366	1	06/03/2019 23:54	WG1288937
Benzo(b)fluoranthene	0.0366	J	0.00765	0.0366	1	06/03/2019 23:54	WG1288937
Benzo(k)fluoranthene	0.0108	J	0.00640	0.0366	1	06/03/2019 23:54	WG1288937
Benzo(g,h,i)perylene	0.0190	J	0.00793	0.0366	1	06/03/2019 23:54	WG1288937
Benzo(a)pyrene	0.0210	J	0.00603	0.0366	1	06/03/2019 23:54	WG1288937
Bis(2-chlorethoxy)methane	U		0.00847	0.366	1	06/03/2019 23:54	WG1288937
Bis(2-chloroethyl)ether	U		0.00986	0.366	1	06/03/2019 23:54	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00836	0.366	1	06/03/2019 23:54	WG1288937
4-Bromophenyl-phenylether	U		0.0125	0.366	1	06/03/2019 23:54	WG1288937
2-Chloronaphthalene	U		0.00703	0.0366	1	06/03/2019 23:54	WG1288937
4-Chlorophenyl-phenylether	U		0.00690	0.366	1	06/03/2019 23:54	WG1288937
Chrysene	0.0256	J	0.00611	0.0366	1	06/03/2019 23:54	WG1288937
Dibenz(a,h)anthracene	U		0.00903	0.0366	1	06/03/2019 23:54	WG1288937
3,3-Dichlorobenzidine	U		0.0874	0.366	1	06/03/2019 23:54	WG1288937
2,4-Dinitrotoluene	U		0.00668	0.366	1	06/03/2019 23:54	WG1288937
2,6-Dinitrotoluene	U		0.00811	0.366	1	06/03/2019 23:54	WG1288937
Fluoranthene	0.0476		0.00546	0.0366	1	06/03/2019 23:54	WG1288937
Fluorene	U		0.00750	0.0366	1	06/03/2019 23:54	WG1288937
Hexachlorobenzene	U		0.00942	0.366	1	06/03/2019 23:54	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0110	0.366	1	06/03/2019 23:54	WG1288937
Hexachlorocyclopentadiene	U		0.0646	0.366	1	06/03/2019 23:54	WG1288937
Hexachloroethane	U		0.0147	0.366	1	06/03/2019 23:54	WG1288937
Indeno(1,2,3-cd)pyrene	0.0218	J	0.00849	0.0366	1	06/03/2019 23:54	WG1288937
Isophorone	U		0.00574	0.366	1	06/03/2019 23:54	WG1288937
Naphthalene	U		0.00978	0.0366	1	06/03/2019 23:54	WG1288937
Nitrobenzene	U		0.00765	0.366	1	06/03/2019 23:54	WG1288937
n-Nitrosodimethylamine	U		0.0712	0.366	1	06/03/2019 23:54	WG1288937
n-Nitrosodiphenylamine	U		0.0990	0.366	1	06/03/2019 23:54	WG1288937
n-Nitrosodi-n-propylamine	U		0.00997	0.366	1	06/03/2019 23:54	WG1288937
Phenanthrene	0.0161	J	0.00581	0.0366	1	06/03/2019 23:54	WG1288937
Benzylbutyl phthalate	U		0.0113	0.366	1	06/03/2019 23:54	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0132	0.366	1	06/03/2019 23:54	WG1288937
Di-n-butyl phthalate	U		0.0120	0.366	1	06/03/2019 23:54	WG1288937
Diethyl phthalate	U		0.00760	0.366	1	06/03/2019 23:54	WG1288937
Dimethyl phthalate	U		0.00594	0.366	1	06/03/2019 23:54	WG1288937
Di-n-octyl phthalate	U		0.00998	0.366	1	06/03/2019 23:54	WG1288937
Pyrene	0.0420		0.0135	0.0366	1	06/03/2019 23:54	WG1288937
1,2,4-Trichlorobenzene	U		0.00964	0.366	1	06/03/2019 23:54	WG1288937
4-Chloro-3-methylphenol	U		0.00525	0.366	1	06/03/2019 23:54	WG1288937
2-Chlorophenol	U		0.00914	0.366	1	06/03/2019 23:54	WG1288937
2,4-Dichlorophenol	U		0.00821	0.366	1	06/03/2019 23:54	WG1288937
2,4-Dimethylphenol	U		0.0518	0.366	1	06/03/2019 23:54	WG1288937
4,6-Dinitro-2-methylphenol	U		0.136	0.366	1	06/03/2019 23:54	WG1288937
2,4-Dinitrophenol	U		0.108	0.366	1	06/03/2019 23:54	WG1288937
2-Nitrophenol	U		0.0143	0.366	1	06/03/2019 23:54	WG1288937
4-Nitrophenol	U		0.0578	0.366	1	06/03/2019 23:54	WG1288937
Pentachlorophenol	U		0.0528	0.366	1	06/03/2019 23:54	WG1288937
Phenol	U		0.00765	0.366	1	06/03/2019 23:54	WG1288937
2,4,6-Trichlorophenol	U		0.00857	0.366	1	06/03/2019 23:54	WG1288937
(S) 2-Fluorophenol	*75.8*			*12.0-120*		*06/03/2019 23:54*	WG1288937
(S) Phenol-d5	*67.1*			*10.0-120*		*06/03/2019 23:54*	WG1288937
(S) Nitrobenzene-d5	*53.1*			*10.0-122*		*06/03/2019 23:54*	WG1288937
(S) 2-Fluorobiphenyl	*60.1*			*15.0-120*		*06/03/2019 23:54*	WG1288937
(S) 2,4,6-Tribromophenol	*58.6*			*10.0-127*		*06/03/2019 23:54*	WG1288937
(S) p-Terphenyl-d14	*69.8*			*10.0-120*		*06/03/2019 23:54*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.5		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00162	0.0239	1	06/02/2019 21:29	WG1289730
Alpha BHC	U		0.00163	0.0239	1	06/02/2019 21:29	WG1289730
Beta BHC	U		0.00192	0.0239	1	06/02/2019 21:29	WG1289730
Delta BHC	U		0.00171	0.0239	1	06/02/2019 21:29	WG1289730
Gamma BHC	U		0.00174	0.0239	1	06/02/2019 21:29	WG1289730
Chlordane	U		0.0467	0.239	1	06/02/2019 21:29	WG1289730
4,4-DDD	U		0.00187	0.0239	1	06/02/2019 21:29	WG1289730
4,4-DDE	U		0.00184	0.0239	1	06/02/2019 21:29	WG1289730
4,4-DDT	U		0.00239	0.0239	1	06/02/2019 21:29	WG1289730
Dieldrin	U		0.00182	0.0239	1	06/02/2019 21:29	WG1289730
Endosulfan I	U		0.00178	0.0239	1	06/02/2019 21:29	WG1289730
Endosulfan II	U		0.00192	0.0239	1	06/02/2019 21:29	WG1289730
Endosulfan sulfate	U		0.00181	0.0239	1	06/02/2019 21:29	WG1289730
Endrin	U		0.00188	0.0239	1	06/02/2019 21:29	WG1289730
Endrin aldehyde	U		0.00154	0.0239	1	06/02/2019 21:29	WG1289730
Endrin ketone	U		0.00198	0.0239	1	06/02/2019 21:29	WG1289730
Hexachlorobenzene	U		0.00148	0.0239	1	06/02/2019 21:29	WG1289730
Heptachlor	U		0.00184	0.0239	1	06/02/2019 21:29	WG1289730
Heptachlor epoxide	U		0.00193	0.0239	1	06/02/2019 21:29	WG1289730
Methoxychlor	U		0.00213	0.0239	1	06/02/2019 21:29	WG1289730
Toxaphene	U		0.0431	0.479	1	06/02/2019 21:29	WG1289730
(S) Decachlorobiphenyl	*83.5*			*10.0-135*		*06/02/2019 21:29*	WG1289730
(S) Tetrachloro-m-xylene	*64.5*			*10.0-139*		*06/02/2019 21:29*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00769	0.0399	1	06/03/2019 20:23	WG1288937
Acenaphthylene	U		0.00803	0.0399	1	06/03/2019 20:23	WG1288937
Anthracene	U		0.00757	0.0399	1	06/03/2019 20:23	WG1288937
Benzidine	U		0.0763	0.399	1	06/03/2019 20:23	WG1288937
Benzo(a)anthracene	U		0.00512	0.0399	1	06/03/2019 20:23	WG1288937
Benzo(b)fluoranthene	U		0.00832	0.0399	1	06/03/2019 20:23	WG1288937
Benzo(k)fluoranthene	U		0.00697	0.0399	1	06/03/2019 20:23	WG1288937
Benzo(g,h,i)perylene	U		0.00863	0.0399	1	06/03/2019 20:23	WG1288937
Benzo(a)pyrene	U		0.00656	0.0399	1	06/03/2019 20:23	WG1288937
Bis(2-chlorethoxy)methane	U		0.00922	0.399	1	06/03/2019 20:23	WG1288937
Bis(2-chloroethyl)ether	U		0.0107	0.399	1	06/03/2019 20:23	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00910	0.399	1	06/03/2019 20:23	WG1288937
4-Bromophenyl-phenylether	U		0.0136	0.399	1	06/03/2019 20:23	WG1288937
2-Chloronaphthalene	U		0.00765	0.0399	1	06/03/2019 20:23	WG1288937
4-Chlorophenyl-phenylether	U		0.00751	0.399	1	06/03/2019 20:23	WG1288937
Chrysene	U		0.00664	0.0399	1	06/03/2019 20:23	WG1288937
Dibenz(a,h)anthracene	U		0.00983	0.0399	1	06/03/2019 20:23	WG1288937
3,3-Dichlorobenzidine	U		0.0950	0.399	1	06/03/2019 20:23	WG1288937
2,4-Dinitrotoluene	U		0.00727	0.399	1	06/03/2019 20:23	WG1288937
2,6-Dinitrotoluene	U		0.00882	0.399	1	06/03/2019 20:23	WG1288937
Fluoranthene	U		0.00594	0.0399	1	06/03/2019 20:23	WG1288937
Fluorene	U		0.00816	0.0399	1	06/03/2019 20:23	WG1288937
Hexachlorobenzene	U		0.0102	0.399	1	06/03/2019 20:23	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0120	0.399	1	06/03/2019 20:23	WG1288937
Hexachlorocyclopentadiene	U		0.0703	0.399	1	06/03/2019 20:23	WG1288937
Hexachloroethane	U		0.0160	0.399	1	06/03/2019 20:23	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00924	0.0399	1	06/03/2019 20:23	WG1288937
Isophorone	U		0.00625	0.399	1	06/03/2019 20:23	WG1288937
Naphthalene	U		0.0106	0.0399	1	06/03/2019 20:23	WG1288937
Nitrobenzene	U		0.00832	0.399	1	06/03/2019 20:23	WG1288937
n-Nitrosodimethylamine	U		0.0775	0.399	1	06/03/2019 20:23	WG1288937
n-Nitrosodiphenylamine	U		0.108	0.399	1	06/03/2019 20:23	WG1288937
n-Nitrosodi-n-propylamine	U		0.0108	0.399	1	06/03/2019 20:23	WG1288937
Phenanthrene	U		0.00632	0.0399	1	06/03/2019 20:23	WG1288937
Benzylbutyl phthalate	U		0.0123	0.399	1	06/03/2019 20:23	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0144	0.399	1	06/03/2019 20:23	WG1288937
Di-n-butyl phthalate	U		0.0130	0.399	1	06/03/2019 20:23	WG1288937
Diethyl phthalate	U		0.00827	0.399	1	06/03/2019 20:23	WG1288937
Dimethyl phthalate	U		0.00646	0.399	1	06/03/2019 20:23	WG1288937
Di-n-octyl phthalate	U		0.0109	0.399	1	06/03/2019 20:23	WG1288937
Pyrene	U		0.0147	0.0399	1	06/03/2019 20:23	WG1288937
1,2,4-Trichlorobenzene	U		0.0105	0.399	1	06/03/2019 20:23	WG1288937
4-Chloro-3-methylphenol	U		0.00571	0.399	1	06/03/2019 20:23	WG1288937
2-Chlorophenol	U		0.00995	0.399	1	06/03/2019 20:23	WG1288937
2,4-Dichlorophenol	U		0.00893	0.399	1	06/03/2019 20:23	WG1288937
2,4-Dimethylphenol	U		0.0564	0.399	1	06/03/2019 20:23	WG1288937
4,6-Dinitro-2-methylphenol	U		0.148	0.399	1	06/03/2019 20:23	WG1288937
2,4-Dinitrophenol	U		0.117	0.399	1	06/03/2019 20:23	WG1288937
2-Nitrophenol	U		0.0156	0.399	1	06/03/2019 20:23	WG1288937
4-Nitrophenol	U		0.0628	0.399	1	06/03/2019 20:23	WG1288937
Pentachlorophenol	U		0.0575	0.399	1	06/03/2019 20:23	WG1288937
Phenol	U		0.00832	0.399	1	06/03/2019 20:23	WG1288937
2,4,6-Trichlorophenol	U		0.00933	0.399	1	06/03/2019 20:23	WG1288937
(S) 2-Fluorophenol	*92.5*			*12.0-120*		*06/03/2019 20:23*	WG1288937
(S) Phenol-d5	*80.4*			*10.0-120*		*06/03/2019 20:23*	WG1288937
(S) Nitrobenzene-d5	*65.5*			*10.0-122*		*06/03/2019 20:23*	WG1288937
(S) 2-Fluorobiphenyl	*76.4*			*15.0-120*		*06/03/2019 20:23*	WG1288937
(S) 2,4,6-Tribromophenol	*78.8*			*10.0-127*		*06/03/2019 20:23*	WG1288937
(S) p-Terphenyl-d14	*86.9*			*10.0-120*		*06/03/2019 20:23*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.1		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00155	0.0230	1	06/02/2019 19:25	WG1289730
Alpha BHC	U		0.00156	0.0230	1	06/02/2019 19:25	WG1289730
Beta BHC	U		0.00184	0.0230	1	06/02/2019 19:25	WG1289730
Delta BHC	U		0.00164	0.0230	1	06/02/2019 19:25	WG1289730
Gamma BHC	U		0.00167	0.0230	1	06/02/2019 19:25	WG1289730
Chlordane	U		0.0448	0.230	1	06/02/2019 19:25	WG1289730
4,4-DDD	U		0.00179	0.0230	1	06/02/2019 19:25	WG1289730
4,4-DDE	U		0.00177	0.0230	1	06/02/2019 19:25	WG1289730
4,4-DDT	U		0.00230	0.0230	1	06/02/2019 19:25	WG1289730
Dieldrin	U		0.00175	0.0230	1	06/02/2019 19:25	WG1289730
Endosulfan I	U		0.00171	0.0230	1	06/02/2019 19:25	WG1289730
Endosulfan II	U		0.00184	0.0230	1	06/02/2019 19:25	WG1289730
Endosulfan sulfate	U		0.00173	0.0230	1	06/02/2019 19:25	WG1289730
Endrin	U		0.00180	0.0230	1	06/02/2019 19:25	WG1289730
Endrin aldehyde	U		0.00148	0.0230	1	06/02/2019 19:25	WG1289730
Endrin ketone	U		0.00189	0.0230	1	06/02/2019 19:25	WG1289730
Hexachlorobenzene	U		0.00142	0.0230	1	06/02/2019 19:25	WG1289730
Heptachlor	U		0.00177	0.0230	1	06/02/2019 19:25	WG1289730
Heptachlor epoxide	U		0.00185	0.0230	1	06/02/2019 19:25	WG1289730
Methoxychlor	U		0.00204	0.0230	1	06/02/2019 19:25	WG1289730
Toxaphene	U		0.0413	0.459	1	06/02/2019 19:25	WG1289730
(S) Decachlorobiphenyl	*95.0*			*10.0-135*		*06/02/2019 19:25*	WG1289730
(S) Tetrachloro-m-xylene	*71.8*			*10.0-139*		*06/02/2019 19:25*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00737	0.0382	1	06/03/2019 20:43	WG1288937
Acenaphthylene	U		0.00771	0.0382	1	06/03/2019 20:43	WG1288937
Anthracene	U		0.00726	0.0382	1	06/03/2019 20:43	WG1288937
Benzidine	U		0.0732	0.382	1	06/03/2019 20:43	WG1288937
Benzo(a)anthracene	U		0.00492	0.0382	1	06/03/2019 20:43	WG1288937
Benzo(b)fluoranthene	U		0.00798	0.0382	1	06/03/2019 20:43	WG1288937
Benzo(k)fluoranthene	U		0.00668	0.0382	1	06/03/2019 20:43	WG1288937
Benzo(g,h,i)perylene	U		0.00828	0.0382	1	06/03/2019 20:43	WG1288937
Benzo(a)pyrene	U		0.00629	0.0382	1	06/03/2019 20:43	WG1288937
Bis(2-chlorethoxy)methane	U		0.00884	0.382	1	06/03/2019 20:43	WG1288937
Bis(2-chloroethyl)ether	U		0.0103	0.382	1	06/03/2019 20:43	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00873	0.382	1	06/03/2019 20:43	WG1288937
4-Bromophenyl-phenylether	U		0.0131	0.382	1	06/03/2019 20:43	WG1288937
2-Chloronaphthalene	U		0.00734	0.0382	1	06/03/2019 20:43	WG1288937
4-Chlorophenyl-phenylether	U		0.00720	0.382	1	06/03/2019 20:43	WG1288937
Chrysene	U		0.00637	0.0382	1	06/03/2019 20:43	WG1288937
Dibenz(a,h)anthracene	U		0.00943	0.0382	1	06/03/2019 20:43	WG1288937
3,3-Dichlorobenzidine	U		0.0912	0.382	1	06/03/2019 20:43	WG1288937
2,4-Dinitrotoluene	U		0.00697	0.382	1	06/03/2019 20:43	WG1288937
2,6-Dinitrotoluene	U		0.00846	0.382	1	06/03/2019 20:43	WG1288937
Fluoranthene	U		0.00570	0.0382	1	06/03/2019 20:43	WG1288937
Fluorene	U		0.00783	0.0382	1	06/03/2019 20:43	WG1288937
Hexachlorobenzene	U		0.00983	0.382	1	06/03/2019 20:43	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0115	0.382	1	06/03/2019 20:43	WG1288937
Hexachlorocyclopentadiene	U		0.0674	0.382	1	06/03/2019 20:43	WG1288937
Hexachloroethane	U		0.0154	0.382	1	06/03/2019 20:43	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00887	0.0382	1	06/03/2019 20:43	WG1288937
Isophorone	U		0.00599	0.382	1	06/03/2019 20:43	WG1288937
Naphthalene	U		0.0102	0.0382	1	06/03/2019 20:43	WG1288937
Nitrobenzene	U		0.00798	0.382	1	06/03/2019 20:43	WG1288937
n-Nitrosodimethylamine	U		0.0743	0.382	1	06/03/2019 20:43	WG1288937
n-Nitrosodiphenylamine	U		0.103	0.382	1	06/03/2019 20:43	WG1288937
n-Nitrosodi-n-propylamine	U		0.0104	0.382	1	06/03/2019 20:43	WG1288937
Phenanthrene	U		0.00606	0.0382	1	06/03/2019 20:43	WG1288937
Benzylbutyl phthalate	U		0.0118	0.382	1	06/03/2019 20:43	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0138	0.382	1	06/03/2019 20:43	WG1288937
Di-n-butyl phthalate	U		0.0125	0.382	1	06/03/2019 20:43	WG1288937
Diethyl phthalate	U		0.00794	0.382	1	06/03/2019 20:43	WG1288937
Dimethyl phthalate	U		0.00620	0.382	1	06/03/2019 20:43	WG1288937
Di-n-octyl phthalate	U		0.0104	0.382	1	06/03/2019 20:43	WG1288937
Pyrene	U		0.0141	0.0382	1	06/03/2019 20:43	WG1288937
1,2,4-Trichlorobenzene	U		0.0101	0.382	1	06/03/2019 20:43	WG1288937
4-Chloro-3-methylphenol	U		0.00548	0.382	1	06/03/2019 20:43	WG1288937
2-Chlorophenol	U		0.00954	0.382	1	06/03/2019 20:43	WG1288937
2,4-Dichlorophenol	U		0.00857	0.382	1	06/03/2019 20:43	WG1288937
2,4-Dimethylphenol	U		0.0541	0.382	1	06/03/2019 20:43	WG1288937
4,6-Dinitro-2-methylphenol	U		0.142	0.382	1	06/03/2019 20:43	WG1288937
2,4-Dinitrophenol	U		0.113	0.382	1	06/03/2019 20:43	WG1288937
2-Nitrophenol	U		0.0149	0.382	1	06/03/2019 20:43	WG1288937
4-Nitrophenol	U		0.0603	0.382	1	06/03/2019 20:43	WG1288937
Pentachlorophenol	U		0.0551	0.382	1	06/03/2019 20:43	WG1288937
Phenol	U		0.00798	0.382	1	06/03/2019 20:43	WG1288937
2,4,6-Trichlorophenol	U		0.00895	0.382	1	06/03/2019 20:43	WG1288937
(S) 2-Fluorophenol	*79.9*			*12.0-120*		*06/03/2019 20:43*	WG1288937
(S) Phenol-d5	*69.5*			*10.0-120*		*06/03/2019 20:43*	WG1288937
(S) Nitrobenzene-d5	*55.8*			*10.0-122*		*06/03/2019 20:43*	WG1288937
(S) 2-Fluorobiphenyl	*66.0*			*15.0-120*		*06/03/2019 20:43*	WG1288937
(S) 2,4,6-Tribromophenol	*68.3*			*10.0-127*		*06/03/2019 20:43*	WG1288937
(S) p-Terphenyl-d14	*75.8*			*10.0-120*		*06/03/2019 20:43*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.0		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00163	0.0241	1	06/02/2019 21:41	WG1289730
Alpha BHC	U		0.00164	0.0241	1	06/02/2019 21:41	WG1289730
Beta BHC	U		0.00193	0.0241	1	06/02/2019 21:41	WG1289730
Delta BHC	U		0.00172	0.0241	1	06/02/2019 21:41	WG1289730
Gamma BHC	U		0.00175	0.0241	1	06/02/2019 21:41	WG1289730
Chlordane	U		0.0470	0.241	1	06/02/2019 21:41	WG1289730
4,4-DDD	U		0.00188	0.0241	1	06/02/2019 21:41	WG1289730
4,4-DDE	U		0.00186	0.0241	1	06/02/2019 21:41	WG1289730
4,4-DDT	U		0.00241	0.0241	1	06/02/2019 21:41	WG1289730
Dieldrin	U		0.00183	0.0241	1	06/02/2019 21:41	WG1289730
Endosulfan I	U		0.00180	0.0241	1	06/02/2019 21:41	WG1289730
Endosulfan II	U		0.00193	0.0241	1	06/02/2019 21:41	WG1289730
Endosulfan sulfate	U		0.00182	0.0241	1	06/02/2019 21:41	WG1289730
Endrin	U		0.00189	0.0241	1	06/02/2019 21:41	WG1289730
Endrin aldehyde	U		0.00155	0.0241	1	06/02/2019 21:41	WG1289730
Endrin ketone	U		0.00199	0.0241	1	06/02/2019 21:41	WG1289730
Hexachlorobenzene	U		0.00149	0.0241	1	06/02/2019 21:41	WG1289730
Heptachlor	U		0.00186	0.0241	1	06/02/2019 21:41	WG1289730
Heptachlor epoxide	U		0.00194	0.0241	1	06/02/2019 21:41	WG1289730
Methoxychlor	U		0.00214	0.0241	1	06/02/2019 21:41	WG1289730
Toxaphene	U		0.0434	0.482	1	06/02/2019 21:41	WG1289730
(S) Decachlorobiphenyl	*89.9*			*10.0-135*		*06/02/2019 21:41*	WG1289730
(S) Tetrachloro-m-xylene	*66.4*			*10.0-139*		*06/02/2019 21:41*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00774	0.0401	1	06/03/2019 21:40	WG1288937
Acenaphthylene	U		0.00808	0.0401	1	06/03/2019 21:40	WG1288937
Anthracene	U		0.00761	0.0401	1	06/03/2019 21:40	WG1288937
Benzidine	U		0.0768	0.401	1	06/03/2019 21:40	WG1288937
Benzo(a)anthracene	U		0.00516	0.0401	1	06/03/2019 21:40	WG1288937
Benzo(b)fluoranthene	U		0.00837	0.0401	1	06/03/2019 21:40	WG1288937
Benzo(k)fluoranthene	U		0.00701	0.0401	1	06/03/2019 21:40	WG1288937
Benzo(g,h,i)perylene	U		0.00869	0.0401	1	06/03/2019 21:40	WG1288937
Benzo(a)pyrene	U		0.00660	0.0401	1	06/03/2019 21:40	WG1288937
Bis(2-chlorethoxy)methane	U		0.00928	0.401	1	06/03/2019 21:40	WG1288937
Bis(2-chloroethyl)ether	U		0.0108	0.401	1	06/03/2019 21:40	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00916	0.401	1	06/03/2019 21:40	WG1288937
4-Bromophenyl-phenylether	U		0.0137	0.401	1	06/03/2019 21:40	WG1288937
2-Chloronaphthalene	U		0.00770	0.0401	1	06/03/2019 21:40	WG1288937
4-Chlorophenyl-phenylether	U		0.00755	0.401	1	06/03/2019 21:40	WG1288937
Chrysene	U		0.00669	0.0401	1	06/03/2019 21:40	WG1288937
Dibenz(a,h)anthracene	U		0.00989	0.0401	1	06/03/2019 21:40	WG1288937
3,3-Dichlorobenzidine	U		0.0957	0.401	1	06/03/2019 21:40	WG1288937
2,4-Dinitrotoluene	U		0.00731	0.401	1	06/03/2019 21:40	WG1288937
2,6-Dinitrotoluene	U		0.00888	0.401	1	06/03/2019 21:40	WG1288937
Fluoranthene	U		0.00598	0.0401	1	06/03/2019 21:40	WG1288937
Fluorene	U		0.00822	0.0401	1	06/03/2019 21:40	WG1288937
Hexachlorobenzene	U		0.0103	0.401	1	06/03/2019 21:40	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0120	0.401	1	06/03/2019 21:40	WG1288937
Hexachlorocyclopentadiene	U		0.0707	0.401	1	06/03/2019 21:40	WG1288937
Hexachloroethane	U		0.0161	0.401	1	06/03/2019 21:40	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00930	0.0401	1	06/03/2019 21:40	WG1288937
Isophorone	U		0.00629	0.401	1	06/03/2019 21:40	WG1288937
Naphthalene	U		0.0107	0.0401	1	06/03/2019 21:40	WG1288937
Nitrobenzene	U		0.00837	0.401	1	06/03/2019 21:40	WG1288937
n-Nitrosodimethylamine	U		0.0780	0.401	1	06/03/2019 21:40	WG1288937
n-Nitrosodiphenylamine	U		0.108	0.401	1	06/03/2019 21:40	WG1288937
n-Nitrosodi-n-propylamine	U		0.0109	0.401	1	06/03/2019 21:40	WG1288937
Phenanthrene	U		0.00636	0.0401	1	06/03/2019 21:40	WG1288937
Benzylbutyl phthalate	U		0.0124	0.401	1	06/03/2019 21:40	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0145	0.401	1	06/03/2019 21:40	WG1288937
Di-n-butyl phthalate	U		0.0131	0.401	1	06/03/2019 21:40	WG1288937
Diethyl phthalate	U		0.00833	0.401	1	06/03/2019 21:40	WG1288937
Dimethyl phthalate	U		0.00651	0.401	1	06/03/2019 21:40	WG1288937
Di-n-octyl phthalate	U		0.0109	0.401	1	06/03/2019 21:40	WG1288937
Pyrene	U		0.0148	0.0401	1	06/03/2019 21:40	WG1288937
1,2,4-Trichlorobenzene	U		0.0106	0.401	1	06/03/2019 21:40	WG1288937
4-Chloro-3-methylphenol	U		0.00575	0.401	1	06/03/2019 21:40	WG1288937
2-Chlorophenol	U		0.0100	0.401	1	06/03/2019 21:40	WG1288937
2,4-Dichlorophenol	U		0.00899	0.401	1	06/03/2019 21:40	WG1288937
2,4-Dimethylphenol	U		0.0567	0.401	1	06/03/2019 21:40	WG1288937
4,6-Dinitro-2-methylphenol	U		0.149	0.401	1	06/03/2019 21:40	WG1288937
2,4-Dinitrophenol	U		0.118	0.401	1	06/03/2019 21:40	WG1288937
2-Nitrophenol	U		0.0157	0.401	1	06/03/2019 21:40	WG1288937
4-Nitrophenol	U		0.0633	0.401	1	06/03/2019 21:40	WG1288937
Pentachlorophenol	U		0.0578	0.401	1	06/03/2019 21:40	WG1288937
Phenol	U		0.00837	0.401	1	06/03/2019 21:40	WG1288937
2,4,6-Trichlorophenol	U		0.00939	0.401	1	06/03/2019 21:40	WG1288937
(S) 2-Fluorophenol	*78.9*			*12.0-120*		*06/03/2019 21:40*	WG1288937
(S) Phenol-d5	*68.5*			*10.0-120*		*06/03/2019 21:40*	WG1288937
(S) Nitrobenzene-d5	*54.9*			*10.0-122*		*06/03/2019 21:40*	WG1288937
(S) 2-Fluorobiphenyl	*63.9*			*15.0-120*		*06/03/2019 21:40*	WG1288937
(S) 2,4,6-Tribromophenol	*67.0*			*10.0-127*		*06/03/2019 21:40*	WG1288937
(S) p-Terphenyl-d14	*71.6*			*10.0-120*		*06/03/2019 21:40*	WG1288937

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.8		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0236	1	06/02/2019 21:54	WG1289730
Alpha BHC	U		0.00160	0.0236	1	06/02/2019 21:54	WG1289730
Beta BHC	U		0.00189	0.0236	1	06/02/2019 21:54	WG1289730
Delta BHC	U		0.00169	0.0236	1	06/02/2019 21:54	WG1289730
Gamma BHC	U		0.00171	0.0236	1	06/02/2019 21:54	WG1289730
Chlordane	U		0.0460	0.236	1	06/02/2019 21:54	WG1289730
4,4-DDD	U		0.00184	0.0236	1	06/02/2019 21:54	WG1289730
4,4-DDE	U		0.00182	0.0236	1	06/02/2019 21:54	WG1289730
4,4-DDT	U		0.00236	0.0236	1	06/02/2019 21:54	WG1289730
Dieldrin	U		0.00179	0.0236	1	06/02/2019 21:54	WG1289730
Endosulfan I	U		0.00176	0.0236	1	06/02/2019 21:54	WG1289730
Endosulfan II	U		0.00189	0.0236	1	06/02/2019 21:54	WG1289730
Endosulfan sulfate	U		0.00178	0.0236	1	06/02/2019 21:54	WG1289730
Endrin	U		0.00185	0.0236	1	06/02/2019 21:54	WG1289730
Endrin aldehyde	U		0.00152	0.0236	1	06/02/2019 21:54	WG1289730
Endrin ketone	U		0.00195	0.0236	1	06/02/2019 21:54	WG1289730
Hexachlorobenzene	U		0.00146	0.0236	1	06/02/2019 21:54	WG1289730
Heptachlor	U		0.00182	0.0236	1	06/02/2019 21:54	WG1289730
Heptachlor epoxide	U		0.00190	0.0236	1	06/02/2019 21:54	WG1289730
Methoxychlor	U		0.00210	0.0236	1	06/02/2019 21:54	WG1289730
Toxaphene	U		0.0425	0.472	1	06/02/2019 21:54	WG1289730
(S) Decachlorobiphenyl	*92.3*			*10.0-135*		*06/02/2019 21:54*	WG1289730
(S) Tetrachloro-m-xylene	*68.4*			*10.0-139*		*06/02/2019 21:54*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.0379	0.197	5	06/04/2019 01:11	WG1288937
Acenaphthylene	U		0.0395	0.197	5	06/04/2019 01:11	WG1288937
Anthracene	U		0.0373	0.197	5	06/04/2019 01:11	WG1288937
Benzidine	U		0.376	1.97	5	06/04/2019 01:11	WG1288937
Benzo(a)anthracene	U		0.0252	0.197	5	06/04/2019 01:11	WG1288937
Benzo(b)fluoranthene	U		0.0409	0.197	5	06/04/2019 01:11	WG1288937
Benzo(k)fluoranthene	U		0.0343	0.197	5	06/04/2019 01:11	WG1288937
Benzo(g,h,i)perylene	U		0.0426	0.197	5	06/04/2019 01:11	WG1288937
Benzo(a)pyrene	U		0.0323	0.197	5	06/04/2019 01:11	WG1288937
Bis(2-chlorethoxy)methane	U		0.0454	1.97	5	06/04/2019 01:11	WG1288937
Bis(2-chloroethyl)ether	U		0.0528	1.97	5	06/04/2019 01:11	WG1288937
Bis(2-chloroisopropyl)ether	U		0.0448	1.97	5	06/04/2019 01:11	WG1288937
4-Bromophenyl-phenylether	U		0.0672	1.97	5	06/04/2019 01:11	WG1288937
2-Chloronaphthalene	U		0.0377	0.197	5	06/04/2019 01:11	WG1288937
4-Chlorophenyl-phenylether	U		0.0370	1.97	5	06/04/2019 01:11	WG1288937
Chrysene	U		0.0328	0.197	5	06/04/2019 01:11	WG1288937
Dibenz(a,h)anthracene	U		0.0485	0.197	5	06/04/2019 01:11	WG1288937
3,3-Dichlorobenzidine	U		0.468	1.97	5	06/04/2019 01:11	WG1288937
2,4-Dinitrotoluene	U		0.0358	1.97	5	06/04/2019 01:11	WG1288937
2,6-Dinitrotoluene	U		0.0435	1.97	5	06/04/2019 01:11	WG1288937
Fluoranthene	U		0.0292	0.197	5	06/04/2019 01:11	WG1288937
Fluorene	U		0.0402	0.197	5	06/04/2019 01:11	WG1288937
Hexachlorobenzene	U		0.0505	1.97	5	06/04/2019 01:11	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0590	1.97	5	06/04/2019 01:11	WG1288937
Hexachlorocyclopentadiene	U		0.346	1.97	5	06/04/2019 01:11	WG1288937
Hexachloroethane	U		0.0790	1.97	5	06/04/2019 01:11	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.0455	0.197	5	06/04/2019 01:11	WG1288937
Isophorone	U		0.0308	1.97	5	06/04/2019 01:11	WG1288937
Naphthalene	U		0.0525	0.197	5	06/04/2019 01:11	WG1288937
Nitrobenzene	U		0.0409	1.97	5	06/04/2019 01:11	WG1288937
n-Nitrosodimethylamine	U		0.381	1.97	5	06/04/2019 01:11	WG1288937
n-Nitrosodiphenylamine	U		0.531	1.97	5	06/04/2019 01:11	WG1288937
n-Nitrosodi-n-propylamine	U		0.0534	1.97	5	06/04/2019 01:11	WG1288937
Phenanthrene	U		0.0311	0.197	5	06/04/2019 01:11	WG1288937
Benzylbutyl phthalate	U		0.0607	1.97	5	06/04/2019 01:11	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0708	1.97	5	06/04/2019 01:11	WG1288937
Di-n-butyl phthalate	U		0.0643	1.97	5	06/04/2019 01:11	WG1288937
Diethyl phthalate	U		0.0408	1.97	5	06/04/2019 01:11	WG1288937
Dimethyl phthalate	U		0.0318	1.97	5	06/04/2019 01:11	WG1288937
Di-n-octyl phthalate	U		0.0535	1.97	5	06/04/2019 01:11	WG1288937
Pyrene	U		0.0725	0.197	5	06/04/2019 01:11	WG1288937
1,2,4-Trichlorobenzene	U		0.0517	1.97	5	06/04/2019 01:11	WG1288937
4-Chloro-3-methylphenol	U		0.0282	1.97	5	06/04/2019 01:11	WG1288937
2-Chlorophenol	U		0.0489	1.97	5	06/04/2019 01:11	WG1288937
2,4-Dichlorophenol	U		0.0440	1.97	5	06/04/2019 01:11	WG1288937
2,4-Dimethylphenol	U		0.278	1.97	5	06/04/2019 01:11	WG1288937
4,6-Dinitro-2-methylphenol	U		0.731	1.97	5	06/04/2019 01:11	WG1288937
2,4-Dinitrophenol	U		0.578	1.97	5	06/04/2019 01:11	WG1288937
2-Nitrophenol	U		0.0766	1.97	5	06/04/2019 01:11	WG1288937
4-Nitrophenol	U		0.310	1.97	5	06/04/2019 01:11	WG1288937
Pentachlorophenol	U		0.283	1.97	5	06/04/2019 01:11	WG1288937
Phenol	U		0.0409	1.97	5	06/04/2019 01:11	WG1288937
2,4,6-Trichlorophenol	U		0.0459	1.97	5	06/04/2019 01:11	WG1288937
(S) 2-Fluorophenol	*72.1*			*12.0-120*		*06/04/2019 01:11*	WG1288937
(S) Phenol-d5	*67.0*			*10.0-120*		*06/04/2019 01:11*	WG1288937
(S) Nitrobenzene-d5	*51.2*			*10.0-122*		*06/04/2019 01:11*	WG1288937
(S) 2-Fluorobiphenyl	*59.5*			*15.0-120*		*06/04/2019 01:11*	WG1288937
(S) 2,4,6-Tribromophenol	*59.5*			*10.0-127*		*06/04/2019 01:11*	WG1288937
(S) p-Terphenyl-d14	*62.9*			*10.0-120*		*06/04/2019 01:11*	WG1288937

Sample Narrative:

L1102111-11 WG1288937: Dilution due to viscosity.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.6		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00158	0.0234	1	06/02/2019 22:06	WG1289730
Alpha BHC	U		0.00159	0.0234	1	06/02/2019 22:06	WG1289730
Beta BHC	U		0.00187	0.0234	1	06/02/2019 22:06	WG1289730
Delta BHC	U		0.00167	0.0234	1	06/02/2019 22:06	WG1289730
Gamma BHC	U		0.00169	0.0234	1	06/02/2019 22:06	WG1289730
Chlordane	U		0.0456	0.234	1	06/02/2019 22:06	WG1289730
4,4-DDD	U		0.00182	0.0234	1	06/02/2019 22:06	WG1289730
4,4-DDE	U		0.00180	0.0234	1	06/02/2019 22:06	WG1289730
4,4-DDT	U		0.00234	0.0234	1	06/02/2019 22:06	WG1289730
Dieldrin	U		0.00178	0.0234	1	06/02/2019 22:06	WG1289730
Endosulfan I	U		0.00174	0.0234	1	06/02/2019 22:06	WG1289730
Endosulfan II	U		0.00187	0.0234	1	06/02/2019 22:06	WG1289730
Endosulfan sulfate	U		0.00176	0.0234	1	06/02/2019 22:06	WG1289730
Endrin	U		0.00183	0.0234	1	06/02/2019 22:06	WG1289730
Endrin aldehyde	U		0.00151	0.0234	1	06/02/2019 22:06	WG1289730
Endrin ketone	U		0.00193	0.0234	1	06/02/2019 22:06	WG1289730
Hexachlorobenzene	U		0.00145	0.0234	1	06/02/2019 22:06	WG1289730
Heptachlor	U		0.00180	0.0234	1	06/02/2019 22:06	WG1289730
Heptachlor epoxide	U		0.00188	0.0234	1	06/02/2019 22:06	WG1289730
Methoxychlor	U		0.00208	0.0234	1	06/02/2019 22:06	WG1289730
Toxaphene	U		0.0421	0.467	1	06/02/2019 22:06	WG1289730
(S) Decachlorobiphenyl	*84.7*			*10.0-135*		*06/02/2019 22:06*	WG1289730
(S) Tetrachloro-m-xylene	*66.8*			*10.0-139*		*06/02/2019 22:06*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00750	0.0389	1	06/03/2019 22:00	WG1288937
Acenaphthylene	U		0.00784	0.0389	1	06/03/2019 22:00	WG1288937
Anthracene	U		0.00739	0.0389	1	06/03/2019 22:00	WG1288937
Benzidine	U		0.0744	0.389	1	06/03/2019 22:00	WG1288937
Benzo(a)anthracene	U		0.00500	0.0389	1	06/03/2019 22:00	WG1288937
Benzo(b)fluoranthene	U		0.00812	0.0389	1	06/03/2019 22:00	WG1288937
Benzo(k)fluoranthene	U		0.00680	0.0389	1	06/03/2019 22:00	WG1288937
Benzo(g,h,i)perylene	U		0.00843	0.0389	1	06/03/2019 22:00	WG1288937
Benzo(a)pyrene	U		0.00640	0.0389	1	06/03/2019 22:00	WG1288937
Bis(2-chlorethoxy)methane	U		0.00900	0.389	1	06/03/2019 22:00	WG1288937
Bis(2-chloroethyl)ether	U		0.0105	0.389	1	06/03/2019 22:00	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00888	0.389	1	06/03/2019 22:00	WG1288937
4-Bromophenyl-phenylether	U		0.0133	0.389	1	06/03/2019 22:00	WG1288937
2-Chloronaphthalene	U		0.00747	0.0389	1	06/03/2019 22:00	WG1288937
4-Chlorophenyl-phenylether	U		0.00733	0.389	1	06/03/2019 22:00	WG1288937
Chrysene	U		0.00649	0.0389	1	06/03/2019 22:00	WG1288937
Dibenz(a,h)anthracene	U		0.00959	0.0389	1	06/03/2019 22:00	WG1288937
3,3-Dichlorobenzidine	U		0.0928	0.389	1	06/03/2019 22:00	WG1288937
2,4-Dinitrotoluene	U		0.00709	0.389	1	06/03/2019 22:00	WG1288937
2,6-Dinitrotoluene	U		0.00861	0.389	1	06/03/2019 22:00	WG1288937
Fluoranthene	U		0.00580	0.0389	1	06/03/2019 22:00	WG1288937
Fluorene	U		0.00797	0.0389	1	06/03/2019 22:00	WG1288937
Hexachlorobenzene	U		0.0100	0.389	1	06/03/2019 22:00	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0117	0.389	1	06/03/2019 22:00	WG1288937
Hexachlorocyclopentadiene	U		0.0686	0.389	1	06/03/2019 22:00	WG1288937
Hexachloroethane	U		0.0157	0.389	1	06/03/2019 22:00	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00902	0.0389	1	06/03/2019 22:00	WG1288937
Isophorone	U		0.00610	0.389	1	06/03/2019 22:00	WG1288937
Naphthalene	U		0.0104	0.0389	1	06/03/2019 22:00	WG1288937
Nitrobenzene	U		0.00812	0.389	1	06/03/2019 22:00	WG1288937
n-Nitrosodimethylamine	U		0.0756	0.389	1	06/03/2019 22:00	WG1288937
n-Nitrosodiphenylamine	U		0.105	0.389	1	06/03/2019 22:00	WG1288937
n-Nitrosodi-n-propylamine	U		0.0106	0.389	1	06/03/2019 22:00	WG1288937
Phenanthrene	U		0.00617	0.0389	1	06/03/2019 22:00	WG1288937
Benzylbutyl phthalate	U		0.0120	0.389	1	06/03/2019 22:00	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0140	0.389	1	06/03/2019 22:00	WG1288937
Di-n-butyl phthalate	U		0.0127	0.389	1	06/03/2019 22:00	WG1288937
Diethyl phthalate	U		0.00808	0.389	1	06/03/2019 22:00	WG1288937
Dimethyl phthalate	U		0.00631	0.389	1	06/03/2019 22:00	WG1288937
Di-n-octyl phthalate	U		0.0106	0.389	1	06/03/2019 22:00	WG1288937
Pyrene	U		0.0144	0.0389	1	06/03/2019 22:00	WG1288937
1,2,4-Trichlorobenzene	U		0.0102	0.389	1	06/03/2019 22:00	WG1288937
4-Chloro-3-methylphenol	U		0.00557	0.389	1	06/03/2019 22:00	WG1288937
2-Chlorophenol	U		0.00971	0.389	1	06/03/2019 22:00	WG1288937
2,4-Dichlorophenol	U		0.00872	0.389	1	06/03/2019 22:00	WG1288937
2,4-Dimethylphenol	U		0.0550	0.389	1	06/03/2019 22:00	WG1288937
4,6-Dinitro-2-methylphenol	U		0.145	0.389	1	06/03/2019 22:00	WG1288937
2,4-Dinitrophenol	U		0.115	0.389	1	06/03/2019 22:00	WG1288937
2-Nitrophenol	U		0.0152	0.389	1	06/03/2019 22:00	WG1288937
4-Nitrophenol	U		0.0614	0.389	1	06/03/2019 22:00	WG1288937
Pentachlorophenol	U		0.0561	0.389	1	06/03/2019 22:00	WG1288937
Phenol	U		0.00812	0.389	1	06/03/2019 22:00	WG1288937
2,4,6-Trichlorophenol	U		0.00910	0.389	1	06/03/2019 22:00	WG1288937
(S) 2-Fluorophenol	*77.6*			*12.0-120*		*06/03/2019 22:00*	WG1288937
(S) Phenol-d5	*67.0*			*10.0-120*		*06/03/2019 22:00*	WG1288937
(S) Nitrobenzene-d5	*55.5*			*10.0-122*		*06/03/2019 22:00*	WG1288937
(S) 2-Fluorobiphenyl	*62.9*			*15.0-120*		*06/03/2019 22:00*	WG1288937
(S) 2,4,6-Tribromophenol	*64.3*			*10.0-127*		*06/03/2019 22:00*	WG1288937
(S) p-Terphenyl-d14	*71.5*			*10.0-120*		*06/03/2019 22:00*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.7		1	05/31/2019 10:30	WG1289005

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00156	0.0231	1	06/02/2019 22:19	WG1289730
Alpha BHC	U		0.00157	0.0231	1	06/02/2019 22:19	WG1289730
Beta BHC	U		0.00185	0.0231	1	06/02/2019 22:19	WG1289730
Delta BHC	U		0.00165	0.0231	1	06/02/2019 22:19	WG1289730
Gamma BHC	U		0.00167	0.0231	1	06/02/2019 22:19	WG1289730
Chlordane	U		0.0450	0.231	1	06/02/2019 22:19	WG1289730
4,4-DDD	U		0.00180	0.0231	1	06/02/2019 22:19	WG1289730
4,4-DDE	U		0.00178	0.0231	1	06/02/2019 22:19	WG1289730
4,4-DDT	U		0.00231	0.0231	1	06/02/2019 22:19	WG1289730
Dieldrin	U		0.00175	0.0231	1	06/02/2019 22:19	WG1289730
Endosulfan I	U		0.00172	0.0231	1	06/02/2019 22:19	WG1289730
Endosulfan II	U		0.00185	0.0231	1	06/02/2019 22:19	WG1289730
Endosulfan sulfate	U		0.00174	0.0231	1	06/02/2019 22:19	WG1289730
Endrin	U		0.00181	0.0231	1	06/02/2019 22:19	WG1289730
Endrin aldehyde	U		0.00149	0.0231	1	06/02/2019 22:19	WG1289730
Endrin ketone	U		0.00190	0.0231	1	06/02/2019 22:19	WG1289730
Hexachlorobenzene	U		0.00143	0.0231	1	06/02/2019 22:19	WG1289730
Heptachlor	U		0.00178	0.0231	1	06/02/2019 22:19	WG1289730
Heptachlor epoxide	U		0.00186	0.0231	1	06/02/2019 22:19	WG1289730
Methoxychlor	U		0.00205	0.0231	1	06/02/2019 22:19	WG1289730
Toxaphene	U		0.0415	0.461	1	06/02/2019 22:19	WG1289730
(S) Decachlorobiphenyl	*92.4*			*10.0-135*		*06/02/2019 22:19*	WG1289730
(S) Tetrachloro-m-xylene	*68.1*			*10.0-139*		*06/02/2019 22:19*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00740	0.0384	1	06/03/2019 23:16	WG1288937
Acenaphthylene	U		0.00774	0.0384	1	06/03/2019 23:16	WG1288937
Anthracene	U		0.00729	0.0384	1	06/03/2019 23:16	WG1288937
Benzidine	U		0.0735	0.384	1	06/03/2019 23:16	WG1288937
Benzo(a)anthracene	U		0.00494	0.0384	1	06/03/2019 23:16	WG1288937
Benzo(b)fluoranthene	U		0.00801	0.0384	1	06/03/2019 23:16	WG1288937
Benzo(k)fluoranthene	U		0.00671	0.0384	1	06/03/2019 23:16	WG1288937
Benzo(g,h,i)perylene	U		0.00831	0.0384	1	06/03/2019 23:16	WG1288937
Benzo(a)pyrene	U		0.00632	0.0384	1	06/03/2019 23:16	WG1288937
Bis(2-chlorethoxy)methane	U		0.00888	0.384	1	06/03/2019 23:16	WG1288937
Bis(2-chloroethyl)ether	U		0.0103	0.384	1	06/03/2019 23:16	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00876	0.384	1	06/03/2019 23:16	WG1288937
4-Bromophenyl-phenylether	U		0.0131	0.384	1	06/03/2019 23:16	WG1288937
2-Chloronaphthalene	U		0.00737	0.0384	1	06/03/2019 23:16	WG1288937
4-Chlorophenyl-phenylether	U		0.00723	0.384	1	06/03/2019 23:16	WG1288937
Chrysene	U		0.00640	0.0384	1	06/03/2019 23:16	WG1288937
Dibenz(a,h)anthracene	U		0.00947	0.0384	1	06/03/2019 23:16	WG1288937
3,3-Dichlorobenzidine	U		0.0916	0.384	1	06/03/2019 23:16	WG1288937
2,4-Dinitrotoluene	U		0.00700	0.384	1	06/03/2019 23:16	WG1288937
2,6-Dinitrotoluene	U		0.00850	0.384	1	06/03/2019 23:16	WG1288937
Fluoranthene	0.0127	J	0.00572	0.0384	1	06/03/2019 23:16	WG1288937
Fluorene	U		0.00786	0.0384	1	06/03/2019 23:16	WG1288937
Hexachlorobenzene	U		0.00987	0.384	1	06/03/2019 23:16	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0115	0.384	1	06/03/2019 23:16	WG1288937
Hexachlorocyclopentadiene	U		0.0677	0.384	1	06/03/2019 23:16	WG1288937
Hexachloroethane	U		0.0155	0.384	1	06/03/2019 23:16	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00890	0.0384	1	06/03/2019 23:16	WG1288937
Isophorone	U		0.00602	0.384	1	06/03/2019 23:16	WG1288937
Naphthalene	U		0.0103	0.0384	1	06/03/2019 23:16	WG1288937
Nitrobenzene	U		0.00801	0.384	1	06/03/2019 23:16	WG1288937
n-Nitrosodimethylamine	U		0.0746	0.384	1	06/03/2019 23:16	WG1288937
n-Nitrosodiphenylamine	U		0.104	0.384	1	06/03/2019 23:16	WG1288937
n-Nitrosodi-n-propylamine	U		0.0104	0.384	1	06/03/2019 23:16	WG1288937
Phenanthrene	U		0.00609	0.0384	1	06/03/2019 23:16	WG1288937
Benzylbutyl phthalate	U		0.0119	0.384	1	06/03/2019 23:16	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0138	0.384	1	06/03/2019 23:16	WG1288937
Di-n-butyl phthalate	U		0.0126	0.384	1	06/03/2019 23:16	WG1288937
Diethyl phthalate	U		0.00797	0.384	1	06/03/2019 23:16	WG1288937
Dimethyl phthalate	U		0.00623	0.384	1	06/03/2019 23:16	WG1288937
Di-n-octyl phthalate	U		0.0105	0.384	1	06/03/2019 23:16	WG1288937
Pyrene	U		0.0142	0.0384	1	06/03/2019 23:16	WG1288937
1,2,4-Trichlorobenzene	U		0.0101	0.384	1	06/03/2019 23:16	WG1288937
4-Chloro-3-methylphenol	U		0.00550	0.384	1	06/03/2019 23:16	WG1288937
2-Chlorophenol	U		0.00958	0.384	1	06/03/2019 23:16	WG1288937
2,4-Dichlorophenol	U		0.00860	0.384	1	06/03/2019 23:16	WG1288937
2,4-Dimethylphenol	U		0.0543	0.384	1	06/03/2019 23:16	WG1288937
4,6-Dinitro-2-methylphenol	U		0.143	0.384	1	06/03/2019 23:16	WG1288937
2,4-Dinitrophenol	U		0.113	0.384	1	06/03/2019 23:16	WG1288937
2-Nitrophenol	U		0.0150	0.384	1	06/03/2019 23:16	WG1288937
4-Nitrophenol	U		0.0605	0.384	1	06/03/2019 23:16	WG1288937
Pentachlorophenol	U		0.0554	0.384	1	06/03/2019 23:16	WG1288937
Phenol	U		0.00801	0.384	1	06/03/2019 23:16	WG1288937
2,4,6-Trichlorophenol	U		0.00898	0.384	1	06/03/2019 23:16	WG1288937
(S) 2-Fluorophenol	*76.3*			*12.0-120*		*06/03/2019 23:16*	WG1288937
(S) Phenol-d5	*67.6*			*10.0-120*		*06/03/2019 23:16*	WG1288937
(S) Nitrobenzene-d5	*53.8*			*10.0-122*		*06/03/2019 23:16*	WG1288937
(S) 2-Fluorobiphenyl	*63.6*			*15.0-120*		*06/03/2019 23:16*	WG1288937
(S) 2,4,6-Tribromophenol	*62.7*			*10.0-127*		*06/03/2019 23:16*	WG1288937
(S) p-Terphenyl-d14	*72.5*			*10.0-120*		*06/03/2019 23:16*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.7		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00161	0.0239	1	06/02/2019 22:31	WG1289730
Alpha BHC	U		0.00163	0.0239	1	06/02/2019 22:31	WG1289730
Beta BHC	U		0.00191	0.0239	1	06/02/2019 22:31	WG1289730
Delta BHC	U		0.00171	0.0239	1	06/02/2019 22:31	WG1289730
Gamma BHC	U		0.00173	0.0239	1	06/02/2019 22:31	WG1289730
Chlordane	U		0.0466	0.239	1	06/02/2019 22:31	WG1289730
4,4-DDD	U		0.00186	0.0239	1	06/02/2019 22:31	WG1289730
4,4-DDE	U		0.00184	0.0239	1	06/02/2019 22:31	WG1289730
4,4-DDT	U		0.00239	0.0239	1	06/02/2019 22:31	WG1289730
Dieldrin	U		0.00182	0.0239	1	06/02/2019 22:31	WG1289730
Endosulfan I	U		0.00178	0.0239	1	06/02/2019 22:31	WG1289730
Endosulfan II	U		0.00191	0.0239	1	06/02/2019 22:31	WG1289730
Endosulfan sulfate	U		0.00180	0.0239	1	06/02/2019 22:31	WG1289730
Endrin	U		0.00188	0.0239	1	06/02/2019 22:31	WG1289730
Endrin aldehyde	U		0.00154	0.0239	1	06/02/2019 22:31	WG1289730
Endrin ketone	U		0.00197	0.0239	1	06/02/2019 22:31	WG1289730
Hexachlorobenzene	U		0.00148	0.0239	1	06/02/2019 22:31	WG1289730
Heptachlor	U		0.00184	0.0239	1	06/02/2019 22:31	WG1289730
Heptachlor epoxide	U		0.00192	0.0239	1	06/02/2019 22:31	WG1289730
Methoxychlor	U		0.00213	0.0239	1	06/02/2019 22:31	WG1289730
Toxaphene	U		0.0430	0.478	1	06/02/2019 22:31	WG1289730
(S) Decachlorobiphenyl	*77.7*			*10.0-135*		*06/02/2019 22:31*	WG1289730
(S) Tetrachloro-m-xylene	*61.8*			*10.0-139*		*06/02/2019 22:31*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00767	0.0398	1	06/04/2019 00:33	WG1288937
Acenaphthylene	U		0.00802	0.0398	1	06/04/2019 00:33	WG1288937
Anthracene	U		0.00755	0.0398	1	06/04/2019 00:33	WG1288937
Benzidine	U		0.0761	0.398	1	06/04/2019 00:33	WG1288937
Benzo(a)anthracene	U		0.00511	0.0398	1	06/04/2019 00:33	WG1288937
Benzo(b)fluoranthene	U		0.00830	0.0398	1	06/04/2019 00:33	WG1288937
Benzo(k)fluoranthene	U		0.00695	0.0398	1	06/04/2019 00:33	WG1288937
Benzo(g,h,i)perylene	U		0.00862	0.0398	1	06/04/2019 00:33	WG1288937
Benzo(a)pyrene	U		0.00655	0.0398	1	06/04/2019 00:33	WG1288937
Bis(2-chlorethoxy)methane	U		0.00920	0.398	1	06/04/2019 00:33	WG1288937
Bis(2-chloroethyl)ether	U		0.0107	0.398	1	06/04/2019 00:33	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00908	0.398	1	06/04/2019 00:33	WG1288937
4-Bromophenyl-phenylether	U		0.0136	0.398	1	06/04/2019 00:33	WG1288937
2-Chloronaphthalene	U		0.00764	0.0398	1	06/04/2019 00:33	WG1288937
4-Chlorophenyl-phenylether	U		0.00749	0.398	1	06/04/2019 00:33	WG1288937
Chrysene	U		0.00663	0.0398	1	06/04/2019 00:33	WG1288937
Dibenz(a,h)anthracene	U		0.00981	0.0398	1	06/04/2019 00:33	WG1288937
3,3-Dichlorobenzidine	U		0.0949	0.398	1	06/04/2019 00:33	WG1288937
2,4-Dinitrotoluene	U		0.00725	0.398	1	06/04/2019 00:33	WG1288937
2,6-Dinitrotoluene	U		0.00881	0.398	1	06/04/2019 00:33	WG1288937
Fluoranthene	0.00648	J	0.00593	0.0398	1	06/04/2019 00:33	WG1288937
Fluorene	U		0.00815	0.0398	1	06/04/2019 00:33	WG1288937
Hexachlorobenzene	U		0.0102	0.398	1	06/04/2019 00:33	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.398	1	06/04/2019 00:33	WG1288937
Hexachlorocyclopentadiene	U		0.0701	0.398	1	06/04/2019 00:33	WG1288937
Hexachloroethane	U		0.0160	0.398	1	06/04/2019 00:33	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00922	0.0398	1	06/04/2019 00:33	WG1288937
Isophorone	U		0.00624	0.398	1	06/04/2019 00:33	WG1288937
Naphthalene	U		0.0106	0.0398	1	06/04/2019 00:33	WG1288937
Nitrobenzene	U		0.00830	0.398	1	06/04/2019 00:33	WG1288937
n-Nitrosodimethylamine	U		0.0773	0.398	1	06/04/2019 00:33	WG1288937
n-Nitrosodiphenylamine	U		0.108	0.398	1	06/04/2019 00:33	WG1288937
n-Nitrosodi-n-propylamine	U		0.0108	0.398	1	06/04/2019 00:33	WG1288937
Phenanthrene	U		0.00631	0.0398	1	06/04/2019 00:33	WG1288937
Benzylbutyl phthalate	U		0.0123	0.398	1	06/04/2019 00:33	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0143	0.398	1	06/04/2019 00:33	WG1288937
Di-n-butyl phthalate	U		0.0130	0.398	1	06/04/2019 00:33	WG1288937
Diethyl phthalate	U		0.00826	0.398	1	06/04/2019 00:33	WG1288937
Dimethyl phthalate	U		0.00645	0.398	1	06/04/2019 00:33	WG1288937
Di-n-octyl phthalate	U		0.0108	0.398	1	06/04/2019 00:33	WG1288937
Pyrene	U		0.0147	0.0398	1	06/04/2019 00:33	WG1288937
1,2,4-Trichlorobenzene	U		0.0105	0.398	1	06/04/2019 00:33	WG1288937
4-Chloro-3-methylphenol	U		0.00570	0.398	1	06/04/2019 00:33	WG1288937
2-Chlorophenol	U		0.00993	0.398	1	06/04/2019 00:33	WG1288937
2,4-Dichlorophenol	U		0.00891	0.398	1	06/04/2019 00:33	WG1288937
2,4-Dimethylphenol	U		0.0563	0.398	1	06/04/2019 00:33	WG1288937
4,6-Dinitro-2-methylphenol	U		0.148	0.398	1	06/04/2019 00:33	WG1288937
2,4-Dinitrophenol	U		0.117	0.398	1	06/04/2019 00:33	WG1288937
2-Nitrophenol	U		0.0155	0.398	1	06/04/2019 00:33	WG1288937
4-Nitrophenol	U		0.0627	0.398	1	06/04/2019 00:33	WG1288937
Pentachlorophenol	U		0.0574	0.398	1	06/04/2019 00:33	WG1288937
Phenol	U		0.00830	0.398	1	06/04/2019 00:33	WG1288937
2,4,6-Trichlorophenol	U		0.00931	0.398	1	06/04/2019 00:33	WG1288937
(S) 2-Fluorophenol	*80.2*			*12.0-120*		*06/04/2019 00:33*	WG1288937
(S) Phenol-d5	*72.2*			*10.0-120*		*06/04/2019 00:33*	WG1288937
(S) Nitrobenzene-d5	*55.5*			*10.0-122*		*06/04/2019 00:33*	WG1288937
(S) 2-Fluorobiphenyl	*62.3*			*15.0-120*		*06/04/2019 00:33*	WG1288937
(S) 2,4,6-Tribromophenol	*67.0*			*10.0-127*		*06/04/2019 00:33*	WG1288937
(S) p-Terphenyl-d14	*69.6*			*10.0-120*		*06/04/2019 00:33*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.0		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00157	0.0233	1	06/02/2019 22:44	WG1289730
Alpha BHC	U		0.00158	0.0233	1	06/02/2019 22:44	WG1289730
Beta BHC	U		0.00186	0.0233	1	06/02/2019 22:44	WG1289730
Delta BHC	U		0.00166	0.0233	1	06/02/2019 22:44	WG1289730
Gamma BHC	U		0.00169	0.0233	1	06/02/2019 22:44	WG1289730
Chlordane	U		0.0454	0.233	1	06/02/2019 22:44	WG1289730
4,4-DDD	U		0.00181	0.0233	1	06/02/2019 22:44	WG1289730
4,4-DDE	U		0.00179	0.0233	1	06/02/2019 22:44	WG1289730
4,4-DDT	U		0.00233	0.0233	1	06/02/2019 22:44	WG1289730
Dieldrin	U		0.00177	0.0233	1	06/02/2019 22:44	WG1289730
Endosulfan I	U		0.00173	0.0233	1	06/02/2019 22:44	WG1289730
Endosulfan II	U		0.00186	0.0233	1	06/02/2019 22:44	WG1289730
Endosulfan sulfate	U		0.00176	0.0233	1	06/02/2019 22:44	WG1289730
Endrin	U		0.00183	0.0233	1	06/02/2019 22:44	WG1289730
Endrin aldehyde	U		0.00150	0.0233	1	06/02/2019 22:44	WG1289730
Endrin ketone	U		0.00192	0.0233	1	06/02/2019 22:44	WG1289730
Hexachlorobenzene	U		0.00144	0.0233	1	06/02/2019 22:44	WG1289730
Heptachlor	U		0.00179	0.0233	1	06/02/2019 22:44	WG1289730
Heptachlor epoxide	U		0.00187	0.0233	1	06/02/2019 22:44	WG1289730
Methoxychlor	U		0.00207	0.0233	1	06/02/2019 22:44	WG1289730
Toxaphene	U		0.0419	0.465	1	06/02/2019 22:44	WG1289730
(S) Decachlorobiphenyl	*92.5*			*10.0-135*		*06/02/2019 22:44*	WG1289730
(S) Tetrachloro-m-xylene	*69.6*			*10.0-139*		*06/02/2019 22:44*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00747	0.0387	1	06/03/2019 22:18	WG1288937
Acenaphthylene	U		0.00780	0.0387	1	06/03/2019 22:18	WG1288937
Anthracene	U		0.00735	0.0387	1	06/03/2019 22:18	WG1288937
Benzidine	U		0.0741	0.387	1	06/03/2019 22:18	WG1288937
Benzo(a)anthracene	U		0.00498	0.0387	1	06/03/2019 22:18	WG1288937
Benzo(b)fluoranthene	U		0.00808	0.0387	1	06/03/2019 22:18	WG1288937
Benzo(k)fluoranthene	U		0.00677	0.0387	1	06/03/2019 22:18	WG1288937
Benzo(g,h,i)perylene	U		0.00838	0.0387	1	06/03/2019 22:18	WG1288937
Benzo(a)pyrene	U		0.00637	0.0387	1	06/03/2019 22:18	WG1288937
Bis(2-chlorethoxy)methane	U		0.00895	0.387	1	06/03/2019 22:18	WG1288937
Bis(2-chloroethyl)ether	U		0.0104	0.387	1	06/03/2019 22:18	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00884	0.387	1	06/03/2019 22:18	WG1288937
4-Bromophenyl-phenylether	U		0.0133	0.387	1	06/03/2019 22:18	WG1288937
2-Chloronaphthalene	U		0.00743	0.0387	1	06/03/2019 22:18	WG1288937
4-Chlorophenyl-phenylether	U		0.00729	0.387	1	06/03/2019 22:18	WG1288937
Chrysene	U		0.00645	0.0387	1	06/03/2019 22:18	WG1288937
Dibenz(a,h)anthracene	U		0.00955	0.0387	1	06/03/2019 22:18	WG1288937
3,3-Dichlorobenzidine	U		0.0923	0.387	1	06/03/2019 22:18	WG1288937
2,4-Dinitrotoluene	U		0.00706	0.387	1	06/03/2019 22:18	WG1288937
2,6-Dinitrotoluene	U		0.00857	0.387	1	06/03/2019 22:18	WG1288937
Fluoranthene	U		0.00577	0.0387	1	06/03/2019 22:18	WG1288937
Fluorene	U		0.00793	0.0387	1	06/03/2019 22:18	WG1288937
Hexachlorobenzene	U		0.00995	0.387	1	06/03/2019 22:18	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0116	0.387	1	06/03/2019 22:18	WG1288937
Hexachlorocyclopentadiene	U		0.0683	0.387	1	06/03/2019 22:18	WG1288937
Hexachloroethane	U		0.0156	0.387	1	06/03/2019 22:18	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00898	0.0387	1	06/03/2019 22:18	WG1288937
Isophorone	U		0.00607	0.387	1	06/03/2019 22:18	WG1288937
Naphthalene	U		0.0103	0.0387	1	06/03/2019 22:18	WG1288937
Nitrobenzene	U		0.00808	0.387	1	06/03/2019 22:18	WG1288937
n-Nitrosodimethylamine	U		0.0752	0.387	1	06/03/2019 22:18	WG1288937
n-Nitrosodiphenylamine	U		0.105	0.387	1	06/03/2019 22:18	WG1288937
n-Nitrosodi-n-propylamine	U		0.0105	0.387	1	06/03/2019 22:18	WG1288937
Phenanthrene	U		0.00614	0.0387	1	06/03/2019 22:18	WG1288937
Benzylbutyl phthalate	U		0.0120	0.387	1	06/03/2019 22:18	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0140	0.387	1	06/03/2019 22:18	WG1288937
Di-n-butyl phthalate	U		0.0127	0.387	1	06/03/2019 22:18	WG1288937
Diethyl phthalate	U		0.00804	0.387	1	06/03/2019 22:18	WG1288937
Dimethyl phthalate	U		0.00628	0.387	1	06/03/2019 22:18	WG1288937
Di-n-octyl phthalate	U		0.0105	0.387	1	06/03/2019 22:18	WG1288937
Pyrene	U		0.0143	0.0387	1	06/03/2019 22:18	WG1288937
1,2,4-Trichlorobenzene	U		0.0102	0.387	1	06/03/2019 22:18	WG1288937
4-Chloro-3-methylphenol	U		0.00555	0.387	1	06/03/2019 22:18	WG1288937
2-Chlorophenol	U		0.00966	0.387	1	06/03/2019 22:18	WG1288937
2,4-Dichlorophenol	U		0.00867	0.387	1	06/03/2019 22:18	WG1288937
2,4-Dimethylphenol	U		0.0548	0.387	1	06/03/2019 22:18	WG1288937
4,6-Dinitro-2-methylphenol	U		0.144	0.387	1	06/03/2019 22:18	WG1288937
2,4-Dinitrophenol	U		0.114	0.387	1	06/03/2019 22:18	WG1288937
2-Nitrophenol	U		0.0151	0.387	1	06/03/2019 22:18	WG1288937
4-Nitrophenol	U		0.0610	0.387	1	06/03/2019 22:18	WG1288937
Pentachlorophenol	U		0.0558	0.387	1	06/03/2019 22:18	WG1288937
Phenol	U		0.00808	0.387	1	06/03/2019 22:18	WG1288937
2,4,6-Trichlorophenol	U		0.00906	0.387	1	06/03/2019 22:18	WG1288937
(S) 2-Fluorophenol	*75.2*			*12.0-120*		*06/03/2019 22:18*	WG1288937
(S) Phenol-d5	*64.3*			*10.0-120*		*06/03/2019 22:18*	WG1288937
(S) Nitrobenzene-d5	*52.0*			*10.0-122*		*06/03/2019 22:18*	WG1288937
(S) 2-Fluorobiphenyl	*59.8*			*15.0-120*		*06/03/2019 22:18*	WG1288937
(S) 2,4,6-Tribromophenol	*62.0*			*10.0-127*		*06/03/2019 22:18*	WG1288937
(S) p-Terphenyl-d14	*66.4*			*10.0-120*		*06/03/2019 22:18*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.0		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0235	1	06/02/2019 22:56	WG1289730
Alpha BHC	U		0.00160	0.0235	1	06/02/2019 22:56	WG1289730
Beta BHC	U		0.00188	0.0235	1	06/02/2019 22:56	WG1289730
Delta BHC	U		0.00168	0.0235	1	06/02/2019 22:56	WG1289730
Gamma BHC	U		0.00171	0.0235	1	06/02/2019 22:56	WG1289730
Chlordane	U		0.0459	0.235	1	06/02/2019 22:56	WG1289730
4,4-DDD	U		0.00184	0.0235	1	06/02/2019 22:56	WG1289730
4,4-DDE	U		0.00181	0.0235	1	06/02/2019 22:56	WG1289730
4,4-DDT	U		0.00235	0.0235	1	06/02/2019 22:56	WG1289730
Dieldrin	U		0.00179	0.0235	1	06/02/2019 22:56	WG1289730
Endosulfan I	U		0.00175	0.0235	1	06/02/2019 22:56	WG1289730
Endosulfan II	U		0.00188	0.0235	1	06/02/2019 22:56	WG1289730
Endosulfan sulfate	U		0.00178	0.0235	1	06/02/2019 22:56	WG1289730
Endrin	U		0.00185	0.0235	1	06/02/2019 22:56	WG1289730
Endrin aldehyde	U		0.00152	0.0235	1	06/02/2019 22:56	WG1289730
Endrin ketone	U		0.00194	0.0235	1	06/02/2019 22:56	WG1289730
Hexachlorobenzene	U		0.00146	0.0235	1	06/02/2019 22:56	WG1289730
Heptachlor	U		0.00181	0.0235	1	06/02/2019 22:56	WG1289730
Heptachlor epoxide	U		0.00189	0.0235	1	06/02/2019 22:56	WG1289730
Methoxychlor	U		0.00209	0.0235	1	06/02/2019 22:56	WG1289730
Toxaphene	U		0.0423	0.471	1	06/02/2019 22:56	WG1289730
(S) Decachlorobiphenyl	*87.9*			*10.0-135*		*06/02/2019 22:56*	WG1289730
(S) Tetrachloro-m-xylene	*66.4*			*10.0-139*		*06/02/2019 22:56*	WG1289730

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00755	0.0392	1	06/03/2019 22:37	WG1288937
Acenaphthylene	U		0.00789	0.0392	1	06/03/2019 22:37	WG1288937
Anthracene	U		0.00743	0.0392	1	06/03/2019 22:37	WG1288937
Benzidine	U		0.0749	0.392	1	06/03/2019 22:37	WG1288937
Benzo(a)anthracene	U		0.00503	0.0392	1	06/03/2019 22:37	WG1288937
Benzo(b)fluoranthene	U		0.00818	0.0392	1	06/03/2019 22:37	WG1288937
Benzo(k)fluoranthene	U		0.00685	0.0392	1	06/03/2019 22:37	WG1288937
Benzo(g,h,i)perylene	U		0.00848	0.0392	1	06/03/2019 22:37	WG1288937
Benzo(a)pyrene	U		0.00645	0.0392	1	06/03/2019 22:37	WG1288937
Bis(2-chlorethoxy)methane	U		0.00906	0.392	1	06/03/2019 22:37	WG1288937
Bis(2-chloroethyl)ether	U		0.0105	0.392	1	06/03/2019 22:37	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00894	0.392	1	06/03/2019 22:37	WG1288937
4-Bromophenyl-phenylether	U		0.0134	0.392	1	06/03/2019 22:37	WG1288937
2-Chloronaphthalene	U		0.00752	0.0392	1	06/03/2019 22:37	WG1288937
4-Chlorophenyl-phenylether	U		0.00738	0.392	1	06/03/2019 22:37	WG1288937
Chrysene	U		0.00653	0.0392	1	06/03/2019 22:37	WG1288937
Dibenz(a,h)anthracene	U		0.00966	0.0392	1	06/03/2019 22:37	WG1288937
3,3-Dichlorobenzidine	U		0.0934	0.392	1	06/03/2019 22:37	WG1288937
2,4-Dinitrotoluene	U		0.00714	0.392	1	06/03/2019 22:37	WG1288937
2,6-Dinitrotoluene	U		0.00867	0.392	1	06/03/2019 22:37	WG1288937
Fluoranthene	U		0.00583	0.0392	1	06/03/2019 22:37	WG1288937
Fluorene	U		0.00802	0.0392	1	06/03/2019 22:37	WG1288937
Hexachlorobenzene	U		0.0101	0.392	1	06/03/2019 22:37	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.392	1	06/03/2019 22:37	WG1288937
Hexachlorocyclopentadiene	U		0.0690	0.392	1	06/03/2019 22:37	WG1288937
Hexachloroethane	U		0.0158	0.392	1	06/03/2019 22:37	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00908	0.0392	1	06/03/2019 22:37	WG1288937
Isophorone	U		0.00614	0.392	1	06/03/2019 22:37	WG1288937
Naphthalene	U		0.0105	0.0392	1	06/03/2019 22:37	WG1288937
Nitrobenzene	U		0.00818	0.392	1	06/03/2019 22:37	WG1288937
n-Nitrosodimethylamine	U		0.0761	0.392	1	06/03/2019 22:37	WG1288937
n-Nitrosodiphenylamine	U		0.106	0.392	1	06/03/2019 22:37	WG1288937
n-Nitrosodi-n-propylamine	U		0.0107	0.392	1	06/03/2019 22:37	WG1288937
Phenanthrene	U		0.00621	0.0392	1	06/03/2019 22:37	WG1288937
Benzylbutyl phthalate	U		0.0121	0.392	1	06/03/2019 22:37	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0141	0.392	1	06/03/2019 22:37	WG1288937
Di-n-butyl phthalate	U		0.0128	0.392	1	06/03/2019 22:37	WG1288937
Diethyl phthalate	U		0.00813	0.392	1	06/03/2019 22:37	WG1288937
Dimethyl phthalate	U		0.00635	0.392	1	06/03/2019 22:37	WG1288937
Di-n-octyl phthalate	U		0.0107	0.392	1	06/03/2019 22:37	WG1288937
Pyrene	U		0.0145	0.0392	1	06/03/2019 22:37	WG1288937
1,2,4-Trichlorobenzene	U		0.0103	0.392	1	06/03/2019 22:37	WG1288937
4-Chloro-3-methylphenol	U		0.00561	0.392	1	06/03/2019 22:37	WG1288937
2-Chlorophenol	U		0.00978	0.392	1	06/03/2019 22:37	WG1288937
2,4-Dichlorophenol	U		0.00878	0.392	1	06/03/2019 22:37	WG1288937
2,4-Dimethylphenol	U		0.0554	0.392	1	06/03/2019 22:37	WG1288937
4,6-Dinitro-2-methylphenol	U		0.146	0.392	1	06/03/2019 22:37	WG1288937
2,4-Dinitrophenol	U		0.115	0.392	1	06/03/2019 22:37	WG1288937
2-Nitrophenol	U		0.0153	0.392	1	06/03/2019 22:37	WG1288937
4-Nitrophenol	U		0.0618	0.392	1	06/03/2019 22:37	WG1288937
Pentachlorophenol	U		0.0565	0.392	1	06/03/2019 22:37	WG1288937
Phenol	U		0.00818	0.392	1	06/03/2019 22:37	WG1288937
2,4,6-Trichlorophenol	U		0.00916	0.392	1	06/03/2019 22:37	WG1288937
(S) 2-Fluorophenol	*76.9*			*12.0-120*		*06/03/2019 22:37*	WG1288937
(S) Phenol-d5	*66.9*			*10.0-120*		*06/03/2019 22:37*	WG1288937
(S) Nitrobenzene-d5	*52.9*			*10.0-122*		*06/03/2019 22:37*	WG1288937
(S) 2-Fluorobiphenyl	*60.7*			*15.0-120*		*06/03/2019 22:37*	WG1288937
(S) 2,4,6-Tribromophenol	*64.1*			*10.0-127*		*06/03/2019 22:37*	WG1288937
(S) p-Terphenyl-d14	*73.7*			*10.0-120*		*06/03/2019 22:37*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.0		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0235	1	06/03/2019 09:07	WG1289788
Alpha BHC	U		0.00160	0.0235	1	06/03/2019 09:07	WG1289788
Beta BHC	U		0.00188	0.0235	1	06/03/2019 09:07	WG1289788
Delta BHC	U		0.00168	0.0235	1	06/03/2019 09:07	WG1289788
Gamma BHC	U		0.00170	0.0235	1	06/03/2019 09:07	WG1289788
Chlordane	U		0.0459	0.235	1	06/03/2019 09:07	WG1289788
4,4-DDD	U		0.00183	0.0235	1	06/03/2019 09:07	WG1289788
4,4-DDE	U		0.00181	0.0235	1	06/03/2019 09:07	WG1289788
4,4-DDT	U		0.00235	0.0235	1	06/03/2019 09:07	WG1289788
Dieldrin	U		0.00179	0.0235	1	06/03/2019 09:07	WG1289788
Endosulfan I	U		0.00175	0.0235	1	06/03/2019 09:07	WG1289788
Endosulfan II	U		0.00188	0.0235	1	06/03/2019 09:07	WG1289788
Endosulfan sulfate	U		0.00178	0.0235	1	06/03/2019 09:07	WG1289788
Endrin	U		0.00185	0.0235	1	06/03/2019 09:07	WG1289788
Endrin aldehyde	U		0.00152	0.0235	1	06/03/2019 09:07	WG1289788
Endrin ketone	U		0.00194	0.0235	1	06/03/2019 09:07	WG1289788
Hexachlorobenzene	U		0.00146	0.0235	1	06/03/2019 09:07	WG1289788
Heptachlor	U		0.00181	0.0235	1	06/03/2019 09:07	WG1289788
Heptachlor epoxide	U		0.00189	0.0235	1	06/03/2019 09:07	WG1289788
Methoxychlor	U		0.00209	0.0235	1	06/03/2019 09:07	WG1289788
Toxaphene	U		0.0423	0.470	1	06/03/2019 09:07	WG1289788
(S) Decachlorobiphenyl	*41.2*			*10.0-135*		*06/03/2019 09:07*	WG1289788
(S) Tetrachloro-m-xylene	*52.8*			*10.0-139*		*06/03/2019 09:07*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00755	0.0392	1	06/03/2019 22:56	WG1288937
Acenaphthylene	U		0.00789	0.0392	1	06/03/2019 22:56	WG1288937
Anthracene	U		0.00743	0.0392	1	06/03/2019 22:56	WG1288937
Benzidine	U		0.0749	0.392	1	06/03/2019 22:56	WG1288937
Benzo(a)anthracene	U		0.00503	0.0392	1	06/03/2019 22:56	WG1288937
Benzo(b)fluoranthene	U		0.00817	0.0392	1	06/03/2019 22:56	WG1288937
Benzo(k)fluoranthene	U		0.00684	0.0392	1	06/03/2019 22:56	WG1288937
Benzo(g,h,i)perylene	U		0.00848	0.0392	1	06/03/2019 22:56	WG1288937
Benzo(a)pyrene	U		0.00644	0.0392	1	06/03/2019 22:56	WG1288937
Bis(2-chlorethoxy)methane	U		0.00905	0.392	1	06/03/2019 22:56	WG1288937
Bis(2-chloroethyl)ether	U		0.0105	0.392	1	06/03/2019 22:56	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00894	0.392	1	06/03/2019 22:56	WG1288937
4-Bromophenyl-phenylether	U		0.0134	0.392	1	06/03/2019 22:56	WG1288937
2-Chloronaphthalene	U		0.00751	0.0392	1	06/03/2019 22:56	WG1288937
4-Chlorophenyl-phenylether	U		0.00737	0.392	1	06/03/2019 22:56	WG1288937
Chrysene	U		0.00653	0.0392	1	06/03/2019 22:56	WG1288937
Dibenz(a,h)anthracene	U		0.00965	0.0392	1	06/03/2019 22:56	WG1288937
3,3-Dichlorobenzidine	U		0.0934	0.392	1	06/03/2019 22:56	WG1288937
2,4-Dinitrotoluene	U		0.00714	0.392	1	06/03/2019 22:56	WG1288937
2,6-Dinitrotoluene	U		0.00867	0.392	1	06/03/2019 22:56	WG1288937
Fluoranthene	U		0.00583	0.0392	1	06/03/2019 22:56	WG1288937
Fluorene	U		0.00802	0.0392	1	06/03/2019 22:56	WG1288937
Hexachlorobenzene	U		0.0101	0.392	1	06/03/2019 22:56	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.392	1	06/03/2019 22:56	WG1288937
Hexachlorocyclopentadiene	U		0.0690	0.392	1	06/03/2019 22:56	WG1288937
Hexachloroethane	U		0.0158	0.392	1	06/03/2019 22:56	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00908	0.0392	1	06/03/2019 22:56	WG1288937
Isophorone	U		0.00614	0.392	1	06/03/2019 22:56	WG1288937
Naphthalene	U		0.0105	0.0392	1	06/03/2019 22:56	WG1288937
Nitrobenzene	U		0.00817	0.392	1	06/03/2019 22:56	WG1288937
n-Nitrosodimethylamine	U		0.0761	0.392	1	06/03/2019 22:56	WG1288937
n-Nitrosodiphenylamine	U		0.106	0.392	1	06/03/2019 22:56	WG1288937
n-Nitrosodi-n-propylamine	U		0.0107	0.392	1	06/03/2019 22:56	WG1288937
Phenanthrene	U		0.00621	0.0392	1	06/03/2019 22:56	WG1288937
Benzylbutyl phthalate	U		0.0121	0.392	1	06/03/2019 22:56	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0141	0.392	1	06/03/2019 22:56	WG1288937
Di-n-butyl phthalate	U		0.0128	0.392	1	06/03/2019 22:56	WG1288937
Diethyl phthalate	U		0.00813	0.392	1	06/03/2019 22:56	WG1288937
Dimethyl phthalate	U		0.00635	0.392	1	06/03/2019 22:56	WG1288937
Di-n-octyl phthalate	U		0.0107	0.392	1	06/03/2019 22:56	WG1288937
Pyrene	U		0.0145	0.0392	1	06/03/2019 22:56	WG1288937
1,2,4-Trichlorobenzene	U		0.0103	0.392	1	06/03/2019 22:56	WG1288937
4-Chloro-3-methylphenol	U		0.00561	0.392	1	06/03/2019 22:56	WG1288937
2-Chlorophenol	U		0.00977	0.392	1	06/03/2019 22:56	WG1288937
2,4-Dichlorophenol	U		0.00877	0.392	1	06/03/2019 22:56	WG1288937
2,4-Dimethylphenol	U		0.0554	0.392	1	06/03/2019 22:56	WG1288937
4,6-Dinitro-2-methylphenol	U		0.146	0.392	1	06/03/2019 22:56	WG1288937
2,4-Dinitrophenol	U		0.115	0.392	1	06/03/2019 22:56	WG1288937
2-Nitrophenol	U		0.0153	0.392	1	06/03/2019 22:56	WG1288937
4-Nitrophenol	U		0.0617	0.392	1	06/03/2019 22:56	WG1288937
Pentachlorophenol	U		0.0564	0.392	1	06/03/2019 22:56	WG1288937
Phenol	U		0.00817	0.392	1	06/03/2019 22:56	WG1288937
2,4,6-Trichlorophenol	U		0.00916	0.392	1	06/03/2019 22:56	WG1288937
(S) 2-Fluorophenol	*77.4*			*12.0-120*		*06/03/2019 22:56*	WG1288937
(S) Phenol-d5	*67.2*			*10.0-120*		*06/03/2019 22:56*	WG1288937
(S) Nitrobenzene-d5	*53.2*			*10.0-122*		*06/03/2019 22:56*	WG1288937
(S) 2-Fluorobiphenyl	*63.6*			*15.0-120*		*06/03/2019 22:56*	WG1288937
(S) 2,4,6-Tribromophenol	*61.4*			*10.0-127*		*06/03/2019 22:56*	WG1288937
(S) p-Terphenyl-d14	*70.9*			*10.0-120*		*06/03/2019 22:56*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.6		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00160	0.0236	1	06/03/2019 09:22	WG1289788
Alpha BHC	U		0.00161	0.0236	1	06/03/2019 09:22	WG1289788
Beta BHC	U		0.00189	0.0236	1	06/03/2019 09:22	WG1289788
Delta BHC	U		0.00169	0.0236	1	06/03/2019 09:22	WG1289788
Gamma BHC	U		0.00171	0.0236	1	06/03/2019 09:22	WG1289788
Chlordane	U		0.0461	0.236	1	06/03/2019 09:22	WG1289788
4,4-DDD	U		0.00184	0.0236	1	06/03/2019 09:22	WG1289788
4,4-DDE	U		0.00182	0.0236	1	06/03/2019 09:22	WG1289788
4,4-DDT	U		0.00236	0.0236	1	06/03/2019 09:22	WG1289788
Dieldrin	U		0.00180	0.0236	1	06/03/2019 09:22	WG1289788
Endosulfan I	U		0.00176	0.0236	1	06/03/2019 09:22	WG1289788
Endosulfan II	U		0.00189	0.0236	1	06/03/2019 09:22	WG1289788
Endosulfan sulfate	U		0.00178	0.0236	1	06/03/2019 09:22	WG1289788
Endrin	U		0.00186	0.0236	1	06/03/2019 09:22	WG1289788
Endrin aldehyde	U		0.00152	0.0236	1	06/03/2019 09:22	WG1289788
Endrin ketone	U		0.00195	0.0236	1	06/03/2019 09:22	WG1289788
Hexachlorobenzene	U		0.00147	0.0236	1	06/03/2019 09:22	WG1289788
Heptachlor	U		0.00182	0.0236	1	06/03/2019 09:22	WG1289788
Heptachlor epoxide	U		0.00190	0.0236	1	06/03/2019 09:22	WG1289788
Methoxychlor	U		0.00210	0.0236	1	06/03/2019 09:22	WG1289788
Toxaphene	U		0.0425	0.473	1	06/03/2019 09:22	WG1289788
(S) Decachlorobiphenyl	*68.4*			*10.0-135*		*06/03/2019 09:22*	WG1289788
(S) Tetrachloro-m-xylene	*81.4*			*10.0-139*		*06/03/2019 09:22*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.0379	0.197	5	06/04/2019 01:30	WG1288937
Acenaphthylene	U		0.0396	0.197	5	06/04/2019 01:30	WG1288937
Anthracene	U		0.0373	0.197	5	06/04/2019 01:30	WG1288937
Benzidine	U		0.377	1.97	5	06/04/2019 01:30	WG1288937
Benzo(a)anthracene	0.0329	J	0.0253	0.197	5	06/04/2019 01:30	WG1288937
Benzo(b)fluoranthene	0.0435	J	0.0410	0.197	5	06/04/2019 01:30	WG1288937
Benzo(k)fluoranthene	U		0.0344	0.197	5	06/04/2019 01:30	WG1288937
Benzo(g,h,i)perylene	U		0.0427	0.197	5	06/04/2019 01:30	WG1288937
Benzo(a)pyrene	U		0.0324	0.197	5	06/04/2019 01:30	WG1288937
Bis(2-chlorethoxy)methane	U		0.0455	1.97	5	06/04/2019 01:30	WG1288937
Bis(2-chloroethyl)ether	U		0.0529	1.97	5	06/04/2019 01:30	WG1288937
Bis(2-chloroisopropyl)ether	U		0.0449	1.97	5	06/04/2019 01:30	WG1288937
4-Bromophenyl-phenylether	U		0.0674	1.97	5	06/04/2019 01:30	WG1288937
2-Chloronaphthalene	U		0.0378	0.197	5	06/04/2019 01:30	WG1288937
4-Chlorophenyl-phenylether	U		0.0371	1.97	5	06/04/2019 01:30	WG1288937
Chrysene	U		0.0329	0.197	5	06/04/2019 01:30	WG1288937
Dibenz(a,h)anthracene	U		0.0486	0.197	5	06/04/2019 01:30	WG1288937
3,3-Dichlorobenzidine	U		0.469	1.97	5	06/04/2019 01:30	WG1288937
2,4-Dinitrotoluene	U		0.0359	1.97	5	06/04/2019 01:30	WG1288937
2,6-Dinitrotoluene	U		0.0436	1.97	5	06/04/2019 01:30	WG1288937
Fluoranthene	0.0765	J	0.0293	0.197	5	06/04/2019 01:30	WG1288937
Fluorene	U		0.0403	0.197	5	06/04/2019 01:30	WG1288937
Hexachlorobenzene	U		0.0506	1.97	5	06/04/2019 01:30	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0591	1.97	5	06/04/2019 01:30	WG1288937
Hexachlorocyclopentadiene	U		0.346	1.97	5	06/04/2019 01:30	WG1288937
Hexachloroethane	U		0.0792	1.97	5	06/04/2019 01:30	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.0456	0.197	5	06/04/2019 01:30	WG1288937
Isophorone	U		0.0308	1.97	5	06/04/2019 01:30	WG1288937
Naphthalene	U		0.0526	0.197	5	06/04/2019 01:30	WG1288937
Nitrobenzene	U		0.0410	1.97	5	06/04/2019 01:30	WG1288937
n-Nitrosodimethylamine	U		0.382	1.97	5	06/04/2019 01:30	WG1288937
n-Nitrosodiphenylamine	U		0.532	1.97	5	06/04/2019 01:30	WG1288937
n-Nitrosodi-n-propylamine	U		0.0535	1.97	5	06/04/2019 01:30	WG1288937
Phenanthrene	0.0603	J	0.0312	0.197	5	06/04/2019 01:30	WG1288937
Benzylbutyl phthalate	U		0.0609	1.97	5	06/04/2019 01:30	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0709	1.97	5	06/04/2019 01:30	WG1288937
Di-n-butyl phthalate	U		0.0644	1.97	5	06/04/2019 01:30	WG1288937
Diethyl phthalate	U		0.0409	1.97	5	06/04/2019 01:30	WG1288937
Dimethyl phthalate	U		0.0319	1.97	5	06/04/2019 01:30	WG1288937
Di-n-octyl phthalate	0.103	J	0.0537	1.97	5	06/04/2019 01:30	WG1288937
Pyrene	U		0.0727	0.197	5	06/04/2019 01:30	WG1288937
1,2,4-Trichlorobenzene	U		0.0518	1.97	5	06/04/2019 01:30	WG1288937
4-Chloro-3-methylphenol	U		0.0282	1.97	5	06/04/2019 01:30	WG1288937
2-Chlorophenol	U		0.0490	1.97	5	06/04/2019 01:30	WG1288937
2,4-Dichlorophenol	U		0.0441	1.97	5	06/04/2019 01:30	WG1288937
2,4-Dimethylphenol	U		0.279	1.97	5	06/04/2019 01:30	WG1288937
4,6-Dinitro-2-methylphenol	U		0.733	1.97	5	06/04/2019 01:30	WG1288937
2,4-Dinitrophenol	U		0.579	1.97	5	06/04/2019 01:30	WG1288937
2-Nitrophenol	U		0.0768	1.97	5	06/04/2019 01:30	WG1288937
4-Nitrophenol	U		0.311	1.97	5	06/04/2019 01:30	WG1288937
Pentachlorophenol	U		0.284	1.97	5	06/04/2019 01:30	WG1288937
Phenol	U		0.0410	1.97	5	06/04/2019 01:30	WG1288937
2,4,6-Trichlorophenol	U		0.0460	1.97	5	06/04/2019 01:30	WG1288937
(S) 2-Fluorophenol	*64.8*			*12.0-120*		*06/04/2019 01:30*	WG1288937
(S) Phenol-d5	*57.5*			*10.0-120*		*06/04/2019 01:30*	WG1288937
(S) Nitrobenzene-d5	*47.8*			*10.0-122*		*06/04/2019 01:30*	WG1288937
(S) 2-Fluorobiphenyl	*52.2*			*15.0-120*		*06/04/2019 01:30*	WG1288937
(S) 2,4,6-Tribromophenol	*51.3*			*10.0-127*		*06/04/2019 01:30*	WG1288937
(S) p-Terphenyl-d14	*56.6*			*10.0-120*		*06/04/2019 01:30*	WG1288937

Sample Narrative:

L1102111-18 WG1288937: Dilution due to viscosity.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.2		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0235	1	06/03/2019 09:37	WG1289788
Alpha BHC	U		0.00160	0.0235	1	06/03/2019 09:37	WG1289788
Beta BHC	U		0.00188	0.0235	1	06/03/2019 09:37	WG1289788
Delta BHC	U		0.00168	0.0235	1	06/03/2019 09:37	WG1289788
Gamma BHC	U		0.00170	0.0235	1	06/03/2019 09:37	WG1289788
Chlordane	U		0.0458	0.235	1	06/03/2019 09:37	WG1289788
4,4-DDD	U		0.00183	0.0235	1	06/03/2019 09:37	WG1289788
4,4-DDE	U		0.00181	0.0235	1	06/03/2019 09:37	WG1289788
4,4-DDT	U		0.00235	0.0235	1	06/03/2019 09:37	WG1289788
Dieldrin	U		0.00178	0.0235	1	06/03/2019 09:37	WG1289788
Endosulfan I	U		0.00175	0.0235	1	06/03/2019 09:37	WG1289788
Endosulfan II	U		0.00188	0.0235	1	06/03/2019 09:37	WG1289788
Endosulfan sulfate	U		0.00177	0.0235	1	06/03/2019 09:37	WG1289788
Endrin	U		0.00184	0.0235	1	06/03/2019 09:37	WG1289788
Endrin aldehyde	U		0.00151	0.0235	1	06/03/2019 09:37	WG1289788
Endrin ketone	U		0.00194	0.0235	1	06/03/2019 09:37	WG1289788
Hexachlorobenzene	U		0.00146	0.0235	1	06/03/2019 09:37	WG1289788
Heptachlor	U		0.00181	0.0235	1	06/03/2019 09:37	WG1289788
Heptachlor epoxide	U		0.00189	0.0235	1	06/03/2019 09:37	WG1289788
Methoxychlor	U		0.00209	0.0235	1	06/03/2019 09:37	WG1289788
Toxaphene	U		0.0423	0.470	1	06/03/2019 09:37	WG1289788
(S) Decachlorobiphenyl	*56.5*			*10.0-135*		*06/03/2019 09:37*	WG1289788
(S) Tetrachloro-m-xylene	*67.3*			*10.0-139*		*06/03/2019 09:37*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00754	0.0391	1	06/03/2019 19:46	WG1288938
Acenaphthylene	U		0.00788	0.0391	1	06/03/2019 19:46	WG1288938
Anthracene	U		0.00742	0.0391	1	06/03/2019 19:46	WG1288938
Benzidine	U		0.0748	0.391	1	06/03/2019 19:46	WG1288938
Benzo(a)anthracene	U		0.00503	0.0391	1	06/03/2019 19:46	WG1288938
Benzo(b)fluoranthene	U		0.00816	0.0391	1	06/03/2019 19:46	WG1288938
Benzo(k)fluoranthene	U		0.00683	0.0391	1	06/03/2019 19:46	WG1288938
Benzo(g,h,i)perylene	U		0.00847	0.0391	1	06/03/2019 19:46	WG1288938
Benzo(a)pyrene	U		0.00643	0.0391	1	06/03/2019 19:46	WG1288938
Bis(2-chlorethoxy)methane	U		0.00904	0.391	1	06/03/2019 19:46	WG1288938
Bis(2-chloroethyl)ether	U		0.0105	0.391	1	06/03/2019 19:46	WG1288938
Bis(2-chloroisopropyl)ether	U		0.00892	0.391	1	06/03/2019 19:46	WG1288938
4-Bromophenyl-phenylether	U		0.0134	0.391	1	06/03/2019 19:46	WG1288938
2-Chloronaphthalene	U		0.00750	0.0391	1	06/03/2019 19:46	WG1288938
4-Chlorophenyl-phenylether	U		0.00736	0.391	1	06/03/2019 19:46	WG1288938
Chrysene	U		0.00652	0.0391	1	06/03/2019 19:46	WG1288938
Dibenz(a,h)anthracene	U		0.00964	0.0391	1	06/03/2019 19:46	WG1288938
3,3-Dichlorobenzidine	U		0.0932	0.391	1	06/03/2019 19:46	WG1288938
2,4-Dinitrotoluene	U		0.00713	0.391	1	06/03/2019 19:46	WG1288938
2,6-Dinitrotoluene	U		0.00865	0.391	1	06/03/2019 19:46	WG1288938
Fluoranthene	U		0.00582	0.0391	1	06/03/2019 19:46	WG1288938
Fluorene	U		0.00801	0.0391	1	06/03/2019 19:46	WG1288938
Hexachlorobenzene	U		0.0101	0.391	1	06/03/2019 19:46	WG1288938

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0117	0.391	1	06/03/2019 19:46	WG1288938
Hexachlorocyclopentadiene	U	J0	0.0689	0.391	1	06/03/2019 19:46	WG1288938
Hexachloroethane	U		0.0157	0.391	1	06/03/2019 19:46	WG1288938
Indeno(1,2,3-cd)pyrene	U		0.00907	0.0391	1	06/03/2019 19:46	WG1288938
Isophorone	U		0.00613	0.391	1	06/03/2019 19:46	WG1288938
Naphthalene	U		0.0104	0.0391	1	06/03/2019 19:46	WG1288938
Nitrobenzene	U		0.00816	0.391	1	06/03/2019 19:46	WG1288938
n-Nitrosodimethylamine	U		0.0760	0.391	1	06/03/2019 19:46	WG1288938
n-Nitrosodiphenylamine	U		0.106	0.391	1	06/03/2019 19:46	WG1288938
n-Nitrosodi-n-propylamine	U		0.0106	0.391	1	06/03/2019 19:46	WG1288938
Phenanthrene	U		0.00620	0.0391	1	06/03/2019 19:46	WG1288938
Benzylbutyl phthalate	U		0.0121	0.391	1	06/03/2019 19:46	WG1288938
Bis(2-ethylhexyl)phthalate	U		0.0141	0.391	1	06/03/2019 19:46	WG1288938
Di-n-butyl phthalate	U		0.0128	0.391	1	06/03/2019 19:46	WG1288938
Diethyl phthalate	U		0.00811	0.391	1	06/03/2019 19:46	WG1288938
Dimethyl phthalate	U		0.00634	0.391	1	06/03/2019 19:46	WG1288938
Di-n-octyl phthalate	U		0.0107	0.391	1	06/03/2019 19:46	WG1288938
Pyrene	U		0.0144	0.0391	1	06/03/2019 19:46	WG1288938
1,2,4-Trichlorobenzene	U		0.0103	0.391	1	06/03/2019 19:46	WG1288938
4-Chloro-3-methylphenol	U		0.00560	0.391	1	06/03/2019 19:46	WG1288938
2-Chlorophenol	U		0.00976	0.391	1	06/03/2019 19:46	WG1288938
2,4-Dichlorophenol	U		0.00876	0.391	1	06/03/2019 19:46	WG1288938
2,4-Dimethylphenol	U		0.0553	0.391	1	06/03/2019 19:46	WG1288938
4,6-Dinitro-2-methylphenol	U		0.146	0.391	1	06/03/2019 19:46	WG1288938
2,4-Dinitrophenol	U		0.115	0.391	1	06/03/2019 19:46	WG1288938
2-Nitrophenol	U		0.0153	0.391	1	06/03/2019 19:46	WG1288938
4-Nitrophenol	U		0.0616	0.391	1	06/03/2019 19:46	WG1288938
Pentachlorophenol	U		0.0564	0.391	1	06/03/2019 19:46	WG1288938
Phenol	U		0.00816	0.391	1	06/03/2019 19:46	WG1288938
2,4,6-Trichlorophenol	U		0.00915	0.391	1	06/03/2019 19:46	WG1288938
(S) 2-Fluorophenol	*73.0*			*12.0-120*		*06/03/2019 19:46*	WG1288938
(S) Phenol-d5	*64.6*			*10.0-120*		*06/03/2019 19:46*	WG1288938
(S) Nitrobenzene-d5	*59.9*			*10.0-122*		*06/03/2019 19:46*	WG1288938
(S) 2-Fluorobiphenyl	*63.4*			*15.0-120*		*06/03/2019 19:46*	WG1288938
(S) 2,4,6-Tribromophenol	*61.0*			*10.0-127*		*06/03/2019 19:46*	WG1288938
(S) p-Terphenyl-d14	*68.3*			*10.0-120*		*06/03/2019 19:46*	WG1288938

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.3		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00160	0.0237	1	06/03/2019 10:21	WG1289788
Alpha BHC	U		0.00161	0.0237	1	06/03/2019 10:21	WG1289788
Beta BHC	U		0.00190	0.0237	1	06/03/2019 10:21	WG1289788
Delta BHC	U		0.00170	0.0237	1	06/03/2019 10:21	WG1289788
Gamma BHC	U		0.00172	0.0237	1	06/03/2019 10:21	WG1289788
Chlordane	U		0.0462	0.237	1	06/03/2019 10:21	WG1289788
4,4-DDD	U		0.00185	0.0237	1	06/03/2019 10:21	WG1289788
4,4-DDE	U		0.00183	0.0237	1	06/03/2019 10:21	WG1289788
4,4-DDT	U		0.00237	0.0237	1	06/03/2019 10:21	WG1289788
Dieldrin	U		0.00180	0.0237	1	06/03/2019 10:21	WG1289788
Endosulfan I	U		0.00177	0.0237	1	06/03/2019 10:21	WG1289788
Endosulfan II	U		0.00190	0.0237	1	06/03/2019 10:21	WG1289788
Endosulfan sulfate	U		0.00179	0.0237	1	06/03/2019 10:21	WG1289788
Endrin	U		0.00186	0.0237	1	06/03/2019 10:21	WG1289788
Endrin aldehyde	U		0.00153	0.0237	1	06/03/2019 10:21	WG1289788
Endrin ketone	U		0.00196	0.0237	1	06/03/2019 10:21	WG1289788
Hexachlorobenzene	U		0.00147	0.0237	1	06/03/2019 10:21	WG1289788
Heptachlor	U		0.00183	0.0237	1	06/03/2019 10:21	WG1289788
Heptachlor epoxide	U		0.00191	0.0237	1	06/03/2019 10:21	WG1289788
Methoxychlor	U		0.00211	0.0237	1	06/03/2019 10:21	WG1289788
Toxaphene	U		0.0427	0.474	1	06/03/2019 10:21	WG1289788
(S) Decachlorobiphenyl	*49.1*			*10.0-135*		*06/03/2019 10:21*	WG1289788
(S) Tetrachloro-m-xylene	*59.6*			*10.0-139*		*06/03/2019 10:21*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00761	0.0395	1	06/03/2019 23:35	WG1288937
Acenaphthylene	U		0.00796	0.0395	1	06/03/2019 23:35	WG1288937
Anthracene	U		0.00749	0.0395	1	06/03/2019 23:35	WG1288937
Benzidine	U		0.0755	0.395	1	06/03/2019 23:35	WG1288937
Benzo(a)anthracene	U		0.00508	0.0395	1	06/03/2019 23:35	WG1288937
Benzo(b)fluoranthene	U		0.00824	0.0395	1	06/03/2019 23:35	WG1288937
Benzo(k)fluoranthene	U		0.00690	0.0395	1	06/03/2019 23:35	WG1288937
Benzo(g,h,i)perylene	U		0.00855	0.0395	1	06/03/2019 23:35	WG1288937
Benzo(a)pyrene	U		0.00650	0.0395	1	06/03/2019 23:35	WG1288937
Bis(2-chlorethoxy)methane	U		0.00913	0.395	1	06/03/2019 23:35	WG1288937
Bis(2-chloroethyl)ether	U		0.0106	0.395	1	06/03/2019 23:35	WG1288937
Bis(2-chloroisopropyl)ether	U		0.00901	0.395	1	06/03/2019 23:35	WG1288937
4-Bromophenyl-phenylether	U		0.0135	0.395	1	06/03/2019 23:35	WG1288937
2-Chloronaphthalene	U		0.00758	0.0395	1	06/03/2019 23:35	WG1288937
4-Chlorophenyl-phenylether	U		0.00744	0.395	1	06/03/2019 23:35	WG1288937
Chrysene	U		0.00658	0.0395	1	06/03/2019 23:35	WG1288937
Dibenz(a,h)anthracene	U		0.00974	0.0395	1	06/03/2019 23:35	WG1288937
3,3-Dichlorobenzidine	U		0.0942	0.395	1	06/03/2019 23:35	WG1288937
2,4-Dinitrotoluene	U		0.00720	0.395	1	06/03/2019 23:35	WG1288937
2,6-Dinitrotoluene	U		0.00874	0.395	1	06/03/2019 23:35	WG1288937
Fluoranthene	U		0.00588	0.0395	1	06/03/2019 23:35	WG1288937
Fluorene	U		0.00809	0.0395	1	06/03/2019 23:35	WG1288937
Hexachlorobenzene	U		0.0102	0.395	1	06/03/2019 23:35	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.395	1	06/03/2019 23:35	WG1288937
Hexachlorocyclopentadiene	U		0.0696	0.395	1	06/03/2019 23:35	WG1288937
Hexachloroethane	U		0.0159	0.395	1	06/03/2019 23:35	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.00916	0.0395	1	06/03/2019 23:35	WG1288937
Isophorone	U		0.00619	0.395	1	06/03/2019 23:35	WG1288937
Naphthalene	U		0.0105	0.0395	1	06/03/2019 23:35	WG1288937
Nitrobenzene	U		0.00824	0.395	1	06/03/2019 23:35	WG1288937
n-Nitrosodimethylamine	U		0.0767	0.395	1	06/03/2019 23:35	WG1288937
n-Nitrosodiphenylamine	U		0.107	0.395	1	06/03/2019 23:35	WG1288937
n-Nitrosodi-n-propylamine	U		0.0107	0.395	1	06/03/2019 23:35	WG1288937
Phenanthrene	U		0.00626	0.0395	1	06/03/2019 23:35	WG1288937
Benzylbutyl phthalate	U		0.0122	0.395	1	06/03/2019 23:35	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0142	0.395	1	06/03/2019 23:35	WG1288937
Di-n-butyl phthalate	U		0.0129	0.395	1	06/03/2019 23:35	WG1288937
Diethyl phthalate	U		0.00819	0.395	1	06/03/2019 23:35	WG1288937
Dimethyl phthalate	U		0.00640	0.395	1	06/03/2019 23:35	WG1288937
Di-n-octyl phthalate	U		0.0108	0.395	1	06/03/2019 23:35	WG1288937
Pyrene	U		0.0146	0.0395	1	06/03/2019 23:35	WG1288937
1,2,4-Trichlorobenzene	U		0.0104	0.395	1	06/03/2019 23:35	WG1288937
4-Chloro-3-methylphenol	U		0.00566	0.395	1	06/03/2019 23:35	WG1288937
2-Chlorophenol	U		0.00985	0.395	1	06/03/2019 23:35	WG1288937
2,4-Dichlorophenol	U		0.00885	0.395	1	06/03/2019 23:35	WG1288937
2,4-Dimethylphenol	U		0.0559	0.395	1	06/03/2019 23:35	WG1288937
4,6-Dinitro-2-methylphenol	U		0.147	0.395	1	06/03/2019 23:35	WG1288937
2,4-Dinitrophenol	U		0.116	0.395	1	06/03/2019 23:35	WG1288937
2-Nitrophenol	U		0.0154	0.395	1	06/03/2019 23:35	WG1288937
4-Nitrophenol	U		0.0623	0.395	1	06/03/2019 23:35	WG1288937
Pentachlorophenol	U		0.0569	0.395	1	06/03/2019 23:35	WG1288937
Phenol	U		0.00824	0.395	1	06/03/2019 23:35	WG1288937
2,4,6-Trichlorophenol	U		0.00924	0.395	1	06/03/2019 23:35	WG1288937
(S) 2-Fluorophenol	*74.1*			*12.0-120*		*06/03/2019 23:35*	WG1288937
(S) Phenol-d5	*65.0*			*10.0-120*		*06/03/2019 23:35*	WG1288937
(S) Nitrobenzene-d5	*53.0*			*10.0-122*		*06/03/2019 23:35*	WG1288937
(S) 2-Fluorobiphenyl	*61.5*			*15.0-120*		*06/03/2019 23:35*	WG1288937
(S) 2,4,6-Tribromophenol	*64.5*			*10.0-127*		*06/03/2019 23:35*	WG1288937
(S) p-Terphenyl-d14	*71.8*			*10.0-120*		*06/03/2019 23:35*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.3		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00164	0.0243	1	06/03/2019 10:36	WG1289788
Alpha BHC	U		0.00165	0.0243	1	06/03/2019 10:36	WG1289788
Beta BHC	U		0.00194	0.0243	1	06/03/2019 10:36	WG1289788
Delta BHC	U		0.00174	0.0243	1	06/03/2019 10:36	WG1289788
Gamma BHC	U		0.00176	0.0243	1	06/03/2019 10:36	WG1289788
Chlordane	U		0.0474	0.243	1	06/03/2019 10:36	WG1289788
4,4-DDD	U		0.00190	0.0243	1	06/03/2019 10:36	WG1289788
4,4-DDE	U		0.00187	0.0243	1	06/03/2019 10:36	WG1289788
4,4-DDT	U		0.00243	0.0243	1	06/03/2019 10:36	WG1289788
Dieldrin	U		0.00185	0.0243	1	06/03/2019 10:36	WG1289788
Endosulfan I	U		0.00181	0.0243	1	06/03/2019 10:36	WG1289788
Endosulfan II	U		0.00194	0.0243	1	06/03/2019 10:36	WG1289788
Endosulfan sulfate	U		0.00183	0.0243	1	06/03/2019 10:36	WG1289788
Endrin	U		0.00191	0.0243	1	06/03/2019 10:36	WG1289788
Endrin aldehyde	U		0.00157	0.0243	1	06/03/2019 10:36	WG1289788
Endrin ketone	U		0.00200	0.0243	1	06/03/2019 10:36	WG1289788
Hexachlorobenzene	U		0.00151	0.0243	1	06/03/2019 10:36	WG1289788
Heptachlor	U		0.00187	0.0243	1	06/03/2019 10:36	WG1289788
Heptachlor epoxide	U		0.00196	0.0243	1	06/03/2019 10:36	WG1289788
Methoxychlor	U		0.00216	0.0243	1	06/03/2019 10:36	WG1289788
Toxaphene	U		0.0437	0.486	1	06/03/2019 10:36	WG1289788
(S) Decachlorobiphenyl	*42.6*			*10.0-135*		*06/03/2019 10:36*	WG1289788
(S) Tetrachloro-m-xylene	*56.3*			*10.0-139*		*06/03/2019 10:36*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.0390	0.203	5	06/04/2019 00:52	WG1288937
Acenaphthylene	U		0.0407	0.203	5	06/04/2019 00:52	WG1288937
Anthracene	U		0.0384	0.203	5	06/04/2019 00:52	WG1288937
Benzidine	U		0.388	2.03	5	06/04/2019 00:52	WG1288937
Benzo(a)anthracene	U		0.0260	0.203	5	06/04/2019 00:52	WG1288937
Benzo(b)fluoranthene	U		0.0422	0.203	5	06/04/2019 00:52	WG1288937
Benzo(k)fluoranthene	U		0.0353	0.203	5	06/04/2019 00:52	WG1288937
Benzo(g,h,i)perylene	U		0.0439	0.203	5	06/04/2019 00:52	WG1288937
Benzo(a)pyrene	U		0.0333	0.203	5	06/04/2019 00:52	WG1288937
Bis(2-chlorethoxy)methane	U		0.0468	2.03	5	06/04/2019 00:52	WG1288937
Bis(2-chloroethyl)ether	U		0.0544	2.03	5	06/04/2019 00:52	WG1288937
Bis(2-chloroisopropyl)ether	U		0.0462	2.03	5	06/04/2019 00:52	WG1288937
4-Bromophenyl-phenylether	U		0.0692	2.03	5	06/04/2019 00:52	WG1288937
2-Chloronaphthalene	U		0.0389	0.203	5	06/04/2019 00:52	WG1288937
4-Chlorophenyl-phenylether	U		0.0381	2.03	5	06/04/2019 00:52	WG1288937
Chrysene	U		0.0338	0.203	5	06/04/2019 00:52	WG1288937
Dibenz(a,h)anthracene	U		0.0499	0.203	5	06/04/2019 00:52	WG1288937
3,3-Dichlorobenzidine	U		0.482	2.03	5	06/04/2019 00:52	WG1288937
2,4-Dinitrotoluene	U		0.0369	2.03	5	06/04/2019 00:52	WG1288937
2,6-Dinitrotoluene	U		0.0448	2.03	5	06/04/2019 00:52	WG1288937
Fluoranthene	U		0.0301	0.203	5	06/04/2019 00:52	WG1288937
Fluorene	U		0.0414	0.203	5	06/04/2019 00:52	WG1288937
Hexachlorobenzene	U		0.0520	2.03	5	06/04/2019 00:52	WG1288937

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0607	2.03	5	06/04/2019 00:52	WG1288937
Hexachlorocyclopentadiene	U		0.356	2.03	5	06/04/2019 00:52	WG1288937
Hexachloroethane	U		0.0814	2.03	5	06/04/2019 00:52	WG1288937
Indeno(1,2,3-cd)pyrene	U		0.0469	0.203	5	06/04/2019 00:52	WG1288937
Isophorone	U		0.0317	2.03	5	06/04/2019 00:52	WG1288937
Naphthalene	U		0.0541	0.203	5	06/04/2019 00:52	WG1288937
Nitrobenzene	U		0.0422	2.03	5	06/04/2019 00:52	WG1288937
n-Nitrosodimethylamine	U		0.392	2.03	5	06/04/2019 00:52	WG1288937
n-Nitrosodiphenylamine	U		0.547	2.03	5	06/04/2019 00:52	WG1288937
n-Nitrosodi-n-propylamine	U		0.0550	2.03	5	06/04/2019 00:52	WG1288937
Phenanthrene	U		0.0321	0.203	5	06/04/2019 00:52	WG1288937
Benzylbutyl phthalate	U		0.0626	2.03	5	06/04/2019 00:52	WG1288937
Bis(2-ethylhexyl)phthalate	U		0.0729	2.03	5	06/04/2019 00:52	WG1288937
Di-n-butyl phthalate	U		0.0662	2.03	5	06/04/2019 00:52	WG1288937
Diethyl phthalate	U		0.0420	2.03	5	06/04/2019 00:52	WG1288937
Dimethyl phthalate	U		0.0328	2.03	5	06/04/2019 00:52	WG1288937
Di-n-octyl phthalate	U		0.0551	2.03	5	06/04/2019 00:52	WG1288937
Pyrene	U		0.0747	0.203	5	06/04/2019 00:52	WG1288937
1,2,4-Trichlorobenzene	U		0.0532	2.03	5	06/04/2019 00:52	WG1288937
4-Chloro-3-methylphenol	U		0.0290	2.03	5	06/04/2019 00:52	WG1288937
2-Chlorophenol	U		0.0504	2.03	5	06/04/2019 00:52	WG1288937
2,4-Dichlorophenol	U		0.0453	2.03	5	06/04/2019 00:52	WG1288937
2,4-Dimethylphenol	U		0.287	2.03	5	06/04/2019 00:52	WG1288937
4,6-Dinitro-2-methylphenol	U		0.753	2.03	5	06/04/2019 00:52	WG1288937
2,4-Dinitrophenol	U		0.595	2.03	5	06/04/2019 00:52	WG1288937
2-Nitrophenol	U		0.0790	2.03	5	06/04/2019 00:52	WG1288937
4-Nitrophenol	U		0.319	2.03	5	06/04/2019 00:52	WG1288937
Pentachlorophenol	U		0.292	2.03	5	06/04/2019 00:52	WG1288937
Phenol	U		0.0422	2.03	5	06/04/2019 00:52	WG1288937
2,4,6-Trichlorophenol	U		0.0473	2.03	5	06/04/2019 00:52	WG1288937
(S) 2-Fluorophenol	*73.5*			*12.0-120*		*06/04/2019 00:52*	WG1288937
(S) Phenol-d5	*65.3*			*10.0-120*		*06/04/2019 00:52*	WG1288937
(S) Nitrobenzene-d5	*51.1*			*10.0-122*		*06/04/2019 00:52*	WG1288937
(S) 2-Fluorobiphenyl	*57.4*			*15.0-120*		*06/04/2019 00:52*	WG1288937
(S) 2,4,6-Tribromophenol	*65.0*			*10.0-127*		*06/04/2019 00:52*	WG1288937
(S) p-Terphenyl-d14	*72.2*			*10.0-120*		*06/04/2019 00:52*	WG1288937

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.5		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00162	0.0240	1	06/03/2019 10:50	WG1289788
Alpha BHC	U		0.00163	0.0240	1	06/03/2019 10:50	WG1289788
Beta BHC	U		0.00192	0.0240	1	06/03/2019 10:50	WG1289788
Delta BHC	U		0.00171	0.0240	1	06/03/2019 10:50	WG1289788
Gamma BHC	U		0.00174	0.0240	1	06/03/2019 10:50	WG1289788
Chlordane	U		0.0467	0.240	1	06/03/2019 10:50	WG1289788
4,4-DDD	U		0.00187	0.0240	1	06/03/2019 10:50	WG1289788
4,4-DDE	U		0.00184	0.0240	1	06/03/2019 10:50	WG1289788
4,4-DDT	U		0.00240	0.0240	1	06/03/2019 10:50	WG1289788
Dieldrin	U		0.00182	0.0240	1	06/03/2019 10:50	WG1289788
Endosulfan I	U		0.00178	0.0240	1	06/03/2019 10:50	WG1289788
Endosulfan II	U		0.00192	0.0240	1	06/03/2019 10:50	WG1289788
Endosulfan sulfate	U		0.00181	0.0240	1	06/03/2019 10:50	WG1289788
Endrin	U		0.00188	0.0240	1	06/03/2019 10:50	WG1289788
Endrin aldehyde	U		0.00155	0.0240	1	06/03/2019 10:50	WG1289788
Endrin ketone	U		0.00198	0.0240	1	06/03/2019 10:50	WG1289788
Hexachlorobenzene	U		0.00149	0.0240	1	06/03/2019 10:50	WG1289788
Heptachlor	U		0.00184	0.0240	1	06/03/2019 10:50	WG1289788
Heptachlor epoxide	U		0.00193	0.0240	1	06/03/2019 10:50	WG1289788
Methoxychlor	U		0.00213	0.0240	1	06/03/2019 10:50	WG1289788
Toxaphene	U		0.0431	0.479	1	06/03/2019 10:50	WG1289788
(S) Decachlorobiphenyl	*58.5*			*10.0-135*		*06/03/2019 10:50*	WG1289788
(S) Tetrachloro-m-xylene	*68.4*			*10.0-139*		*06/03/2019 10:50*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00769	0.0399	1	06/03/2019 20:45	WG1288938
Acenaphthylene	U		0.00804	0.0399	1	06/03/2019 20:45	WG1288938
Anthracene	U		0.00757	0.0399	1	06/03/2019 20:45	WG1288938
Benzidine	U		0.0763	0.399	1	06/03/2019 20:45	WG1288938
Benzo(a)anthracene	U		0.00513	0.0399	1	06/03/2019 20:45	WG1288938
Benzo(b)fluoranthene	U		0.00832	0.0399	1	06/03/2019 20:45	WG1288938
Benzo(k)fluoranthene	U		0.00697	0.0399	1	06/03/2019 20:45	WG1288938
Benzo(g,h,i)perylene	U		0.00864	0.0399	1	06/03/2019 20:45	WG1288938
Benzo(a)pyrene	U		0.00656	0.0399	1	06/03/2019 20:45	WG1288938
Bis(2-chlorethoxy)methane	U		0.00922	0.399	1	06/03/2019 20:45	WG1288938
Bis(2-chloroethyl)ether	U		0.0107	0.399	1	06/03/2019 20:45	WG1288938
Bis(2-chloroisopropyl)ether	U		0.00910	0.399	1	06/03/2019 20:45	WG1288938
4-Bromophenyl-phenylether	U		0.0137	0.399	1	06/03/2019 20:45	WG1288938
2-Chloronaphthalene	U		0.00765	0.0399	1	06/03/2019 20:45	WG1288938
4-Chlorophenyl-phenylether	U		0.00751	0.399	1	06/03/2019 20:45	WG1288938
Chrysene	U		0.00665	0.0399	1	06/03/2019 20:45	WG1288938
Dibenz(a,h)anthracene	U		0.00983	0.0399	1	06/03/2019 20:45	WG1288938
3,3-Dichlorobenzidine	U		0.0951	0.399	1	06/03/2019 20:45	WG1288938
2,4-Dinitrotoluene	U		0.00727	0.399	1	06/03/2019 20:45	WG1288938
2,6-Dinitrotoluene	U		0.00883	0.399	1	06/03/2019 20:45	WG1288938
Fluoranthene	U		0.00594	0.0399	1	06/03/2019 20:45	WG1288938
Fluorene	U		0.00817	0.0399	1	06/03/2019 20:45	WG1288938
Hexachlorobenzene	U		0.0103	0.399	1	06/03/2019 20:45	WG1288938

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0120	0.399	1	06/03/2019 20:45	WG1288938
Hexachlorocyclopentadiene	U	J0	0.0703	0.399	1	06/03/2019 20:45	WG1288938
Hexachloroethane	U		0.0161	0.399	1	06/03/2019 20:45	WG1288938
Indeno(1,2,3-cd)pyrene	U		0.00925	0.0399	1	06/03/2019 20:45	WG1288938
Isophorone	U		0.00625	0.399	1	06/03/2019 20:45	WG1288938
Naphthalene	U		0.0106	0.0399	1	06/03/2019 20:45	WG1288938
Nitrobenzene	U		0.00832	0.399	1	06/03/2019 20:45	WG1288938
n-Nitrosodimethylamine	U		0.0775	0.399	1	06/03/2019 20:45	WG1288938
n-Nitrosodiphenylamine	U		0.108	0.399	1	06/03/2019 20:45	WG1288938
n-Nitrosodi-n-propylamine	U		0.0109	0.399	1	06/03/2019 20:45	WG1288938
Phenanthrene	U		0.00632	0.0399	1	06/03/2019 20:45	WG1288938
Benzylbutyl phthalate	U		0.0123	0.399	1	06/03/2019 20:45	WG1288938
Bis(2-ethylhexyl)phthalate	U		0.0144	0.399	1	06/03/2019 20:45	WG1288938
Di-n-butyl phthalate	U		0.0131	0.399	1	06/03/2019 20:45	WG1288938
Diethyl phthalate	U		0.00828	0.399	1	06/03/2019 20:45	WG1288938
Dimethyl phthalate	U		0.00647	0.399	1	06/03/2019 20:45	WG1288938
Di-n-octyl phthalate	U		0.0109	0.399	1	06/03/2019 20:45	WG1288938
Pyrene	U		0.0147	0.0399	1	06/03/2019 20:45	WG1288938
1,2,4-Trichlorobenzene	U		0.0105	0.399	1	06/03/2019 20:45	WG1288938
4-Chloro-3-methylphenol	U		0.00571	0.399	1	06/03/2019 20:45	WG1288938
2-Chlorophenol	U		0.00995	0.399	1	06/03/2019 20:45	WG1288938
2,4-Dichlorophenol	U		0.00894	0.399	1	06/03/2019 20:45	WG1288938
2,4-Dimethylphenol	U		0.0564	0.399	1	06/03/2019 20:45	WG1288938
4,6-Dinitro-2-methylphenol	U		0.149	0.399	1	06/03/2019 20:45	WG1288938
2,4-Dinitrophenol	U		0.117	0.399	1	06/03/2019 20:45	WG1288938
2-Nitrophenol	U		0.0156	0.399	1	06/03/2019 20:45	WG1288938
4-Nitrophenol	U		0.0629	0.399	1	06/03/2019 20:45	WG1288938
Pentachlorophenol	U		0.0575	0.399	1	06/03/2019 20:45	WG1288938
Phenol	U		0.00832	0.399	1	06/03/2019 20:45	WG1288938
2,4,6-Trichlorophenol	U		0.00933	0.399	1	06/03/2019 20:45	WG1288938
(S) 2-Fluorophenol	*76.5*			*12.0-120*		*06/03/2019 20:45*	WG1288938
(S) Phenol-d5	*67.1*			*10.0-120*		*06/03/2019 20:45*	WG1288938
(S) Nitrobenzene-d5	*63.4*			*10.0-122*		*06/03/2019 20:45*	WG1288938
(S) 2-Fluorobiphenyl	*64.0*			*15.0-120*		*06/03/2019 20:45*	WG1288938
(S) 2,4,6-Tribromophenol	*69.8*			*10.0-127*		*06/03/2019 20:45*	WG1288938
(S) p-Terphenyl-d14	*73.8*			*10.0-120*		*06/03/2019 20:45*	WG1288938

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.6		1	05/31/2019 10:18	WG1289006

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00163	0.0242	1	06/03/2019 11:05	WG1289788
Alpha BHC	U		0.00165	0.0242	1	06/03/2019 11:05	WG1289788
Beta BHC	U		0.00194	0.0242	1	06/03/2019 11:05	WG1289788
Delta BHC	U		0.00173	0.0242	1	06/03/2019 11:05	WG1289788
Gamma BHC	U		0.00176	0.0242	1	06/03/2019 11:05	WG1289788
Chlordane	U		0.0472	0.242	1	06/03/2019 11:05	WG1289788
4,4-DDD	U		0.00189	0.0242	1	06/03/2019 11:05	WG1289788
4,4-DDE	U		0.00186	0.0242	1	06/03/2019 11:05	WG1289788
4,4-DDT	U		0.00242	0.0242	1	06/03/2019 11:05	WG1289788
Dieldrin	U		0.00184	0.0242	1	06/03/2019 11:05	WG1289788
Endosulfan I	U		0.00180	0.0242	1	06/03/2019 11:05	WG1289788
Endosulfan II	U		0.00194	0.0242	1	06/03/2019 11:05	WG1289788
Endosulfan sulfate	U		0.00183	0.0242	1	06/03/2019 11:05	WG1289788
Endrin	U		0.00190	0.0242	1	06/03/2019 11:05	WG1289788
Endrin aldehyde	U		0.00156	0.0242	1	06/03/2019 11:05	WG1289788
Endrin ketone	U		0.00200	0.0242	1	06/03/2019 11:05	WG1289788
Hexachlorobenzene	U		0.00150	0.0242	1	06/03/2019 11:05	WG1289788
Heptachlor	U		0.00186	0.0242	1	06/03/2019 11:05	WG1289788
Heptachlor epoxide	U		0.00195	0.0242	1	06/03/2019 11:05	WG1289788
Methoxychlor	U		0.00215	0.0242	1	06/03/2019 11:05	WG1289788
Toxaphene	U		0.0436	0.484	1	06/03/2019 11:05	WG1289788
(S) Decachlorobiphenyl	*47.1*			*10.0-135*		*06/03/2019 11:05*	WG1289788
(S) Tetrachloro-m-xylene	*64.0*			*10.0-139*		*06/03/2019 11:05*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00777	0.0403	1	06/03/2019 21:05	WG1288938
Acenaphthylene	U		0.00812	0.0403	1	06/03/2019 21:05	WG1288938
Anthracene	U		0.00765	0.0403	1	06/03/2019 21:05	WG1288938
Benzidine	U		0.0771	0.403	1	06/03/2019 21:05	WG1288938
Benzo(a)anthracene	U		0.00518	0.0403	1	06/03/2019 21:05	WG1288938
Benzo(b)fluoranthene	U		0.00841	0.0403	1	06/03/2019 21:05	WG1288938
Benzo(k)fluoranthene	U		0.00705	0.0403	1	06/03/2019 21:05	WG1288938
Benzo(g,h,i)perylene	U		0.00873	0.0403	1	06/03/2019 21:05	WG1288938
Benzo(a)pyrene	U		0.00663	0.0403	1	06/03/2019 21:05	WG1288938
Bis(2-chlorethoxy)methane	U		0.00932	0.403	1	06/03/2019 21:05	WG1288938
Bis(2-chloroethyl)ether	U		0.0108	0.403	1	06/03/2019 21:05	WG1288938
Bis(2-chloroisopropyl)ether	U		0.00920	0.403	1	06/03/2019 21:05	WG1288938
4-Bromophenyl-phenylether	U		0.0138	0.403	1	06/03/2019 21:05	WG1288938
2-Chloronaphthalene	U		0.00774	0.0403	1	06/03/2019 21:05	WG1288938
4-Chlorophenyl-phenylether	U		0.00759	0.403	1	06/03/2019 21:05	WG1288938
Chrysene	U		0.00672	0.0403	1	06/03/2019 21:05	WG1288938
Dibenz(a,h)anthracene	U		0.00994	0.0403	1	06/03/2019 21:05	WG1288938
3,3-Dichlorobenzidine	U		0.0961	0.403	1	06/03/2019 21:05	WG1288938
2,4-Dinitrotoluene	U		0.00735	0.403	1	06/03/2019 21:05	WG1288938
2,6-Dinitrotoluene	U		0.00892	0.403	1	06/03/2019 21:05	WG1288938
Fluoranthene	U		0.00600	0.0403	1	06/03/2019 21:05	WG1288938
Fluorene	U		0.00826	0.0403	1	06/03/2019 21:05	WG1288938
Hexachlorobenzene	U		0.0104	0.403	1	06/03/2019 21:05	WG1288938

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0121	0.403	1	06/03/2019 21:05	WG1288938
Hexachlorocyclopentadiene	U	J0	0.0711	0.403	1	06/03/2019 21:05	WG1288938
Hexachloroethane	U		0.0162	0.403	1	06/03/2019 21:05	WG1288938
Indeno(1,2,3-cd)pyrene	U		0.00935	0.0403	1	06/03/2019 21:05	WG1288938
Isophorone	U		0.00632	0.403	1	06/03/2019 21:05	WG1288938
Naphthalene	U		0.0108	0.0403	1	06/03/2019 21:05	WG1288938
Nitrobenzene	U		0.00841	0.403	1	06/03/2019 21:05	WG1288938
n-Nitrosodimethylamine	U		0.0783	0.403	1	06/03/2019 21:05	WG1288938
n-Nitrosodiphenylamine	U		0.109	0.403	1	06/03/2019 21:05	WG1288938
n-Nitrosodi-n-propylamine	U		0.0110	0.403	1	06/03/2019 21:05	WG1288938
Phenanthrene	U		0.00639	0.0403	1	06/03/2019 21:05	WG1288938
Benzylbutyl phthalate	U		0.0125	0.403	1	06/03/2019 21:05	WG1288938
Bis(2-ethylhexyl)phthalate	U		0.0145	0.403	1	06/03/2019 21:05	WG1288938
Di-n-butyl phthalate	U		0.0132	0.403	1	06/03/2019 21:05	WG1288938
Diethyl phthalate	U		0.00836	0.403	1	06/03/2019 21:05	WG1288938
Dimethyl phthalate	U		0.00654	0.403	1	06/03/2019 21:05	WG1288938
Di-n-octyl phthalate	U		0.0110	0.403	1	06/03/2019 21:05	WG1288938
Pyrene	U		0.0149	0.0403	1	06/03/2019 21:05	WG1288938
1,2,4-Trichlorobenzene	U		0.0106	0.403	1	06/03/2019 21:05	WG1288938
4-Chloro-3-methylphenol	U		0.00577	0.403	1	06/03/2019 21:05	WG1288938
2-Chlorophenol	U		0.0101	0.403	1	06/03/2019 21:05	WG1288938
2,4-Dichlorophenol	U		0.00903	0.403	1	06/03/2019 21:05	WG1288938
2,4-Dimethylphenol	U		0.0570	0.403	1	06/03/2019 21:05	WG1288938
4,6-Dinitro-2-methylphenol	U		0.150	0.403	1	06/03/2019 21:05	WG1288938
2,4-Dinitrophenol	U		0.119	0.403	1	06/03/2019 21:05	WG1288938
2-Nitrophenol	U		0.0157	0.403	1	06/03/2019 21:05	WG1288938
4-Nitrophenol	U		0.0636	0.403	1	06/03/2019 21:05	WG1288938
Pentachlorophenol	U		0.0581	0.403	1	06/03/2019 21:05	WG1288938
Phenol	U		0.00841	0.403	1	06/03/2019 21:05	WG1288938
2,4,6-Trichlorophenol	U		0.00943	0.403	1	06/03/2019 21:05	WG1288938
(S) 2-Fluorophenol	*69.5*			*12.0-120*		*06/03/2019 21:05*	WG1288938
(S) Phenol-d5	*61.2*			*10.0-120*		*06/03/2019 21:05*	WG1288938
(S) Nitrobenzene-d5	*58.1*			*10.0-122*		*06/03/2019 21:05*	WG1288938
(S) 2-Fluorobiphenyl	*59.9*			*15.0-120*		*06/03/2019 21:05*	WG1288938
(S) 2,4,6-Tribromophenol	*59.6*			*10.0-127*		*06/03/2019 21:05*	WG1288938
(S) p-Terphenyl-d14	*64.1*			*10.0-120*		*06/03/2019 21:05*	WG1288938

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.4		1	05/31/2019 10:06	WG1289007

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00162	0.0240	1	06/03/2019 11:20	WG1289788
Alpha BHC	U		0.00163	0.0240	1	06/03/2019 11:20	WG1289788
Beta BHC	U		0.00192	0.0240	1	06/03/2019 11:20	WG1289788
Delta BHC	U		0.00171	0.0240	1	06/03/2019 11:20	WG1289788
Gamma BHC	U		0.00174	0.0240	1	06/03/2019 11:20	WG1289788
Chlordane	U		0.0467	0.240	1	06/03/2019 11:20	WG1289788
4,4-DDD	U		0.00187	0.0240	1	06/03/2019 11:20	WG1289788
4,4-DDE	U		0.00185	0.0240	1	06/03/2019 11:20	WG1289788
4,4-DDT	U		0.00240	0.0240	1	06/03/2019 11:20	WG1289788
Dieldrin	U		0.00182	0.0240	1	06/03/2019 11:20	WG1289788
Endosulfan I	U		0.00179	0.0240	1	06/03/2019 11:20	WG1289788
Endosulfan II	U		0.00192	0.0240	1	06/03/2019 11:20	WG1289788
Endosulfan sulfate	U		0.00181	0.0240	1	06/03/2019 11:20	WG1289788
Endrin	U		0.00188	0.0240	1	06/03/2019 11:20	WG1289788
Endrin aldehyde	U		0.00155	0.0240	1	06/03/2019 11:20	WG1289788
Endrin ketone	U		0.00198	0.0240	1	06/03/2019 11:20	WG1289788
Hexachlorobenzene	U		0.00149	0.0240	1	06/03/2019 11:20	WG1289788
Heptachlor	U		0.00185	0.0240	1	06/03/2019 11:20	WG1289788
Heptachlor epoxide	U		0.00193	0.0240	1	06/03/2019 11:20	WG1289788
Methoxychlor	U		0.00213	0.0240	1	06/03/2019 11:20	WG1289788
Toxaphene	U		0.0431	0.479	1	06/03/2019 11:20	WG1289788
(S) Decachlorobiphenyl	*55.1*			*10.0-135*		*06/03/2019 11:20*	WG1289788
(S) Tetrachloro-m-xylene	*66.3*			*10.0-139*		*06/03/2019 11:20*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.0769	0.399	10	06/04/2019 02:32	WG1288938
Acenaphthylene	U		0.0804	0.399	10	06/04/2019 02:32	WG1288938
Anthracene	U		0.0757	0.399	10	06/04/2019 02:32	WG1288938
Benzidine	U		0.763	3.99	10	06/04/2019 02:32	WG1288938
Benzo(a)anthracene	U		0.0513	0.399	10	06/04/2019 02:32	WG1288938
Benzo(b)fluoranthene	U		0.0833	0.399	10	06/04/2019 02:32	WG1288938
Benzo(k)fluoranthene	U		0.0698	0.399	10	06/04/2019 02:32	WG1288938
Benzo(g,h,i)perylene	U		0.0864	0.399	10	06/04/2019 02:32	WG1288938
Benzo(a)pyrene	U		0.0657	0.399	10	06/04/2019 02:32	WG1288938
Bis(2-chlorethoxy)methane	U		0.0923	3.99	10	06/04/2019 02:32	WG1288938
Bis(2-chloroethyl)ether	U		0.107	3.99	10	06/04/2019 02:32	WG1288938
Bis(2-chloroisopropyl)ether	U		0.0911	3.99	10	06/04/2019 02:32	WG1288938
4-Bromophenyl-phenylether	U		0.137	3.99	10	06/04/2019 02:32	WG1288938
2-Chloronaphthalene	U		0.0766	0.399	10	06/04/2019 02:32	WG1288938
4-Chlorophenyl-phenylether	U		0.0751	3.99	10	06/04/2019 02:32	WG1288938
Chrysene	U		0.0665	0.399	10	06/04/2019 02:32	WG1288938
Dibenz(a,h)anthracene	U		0.0984	0.399	10	06/04/2019 02:32	WG1288938
3,3-Dichlorobenzidine	U		0.952	3.99	10	06/04/2019 02:32	WG1288938
2,4-Dinitrotoluene	U		0.0728	3.99	10	06/04/2019 02:32	WG1288938
2,6-Dinitrotoluene	U		0.0883	3.99	10	06/04/2019 02:32	WG1288938
Fluoranthene	U		0.0594	0.399	10	06/04/2019 02:32	WG1288938
Fluorene	U		0.0817	0.399	10	06/04/2019 02:32	WG1288938
Hexachlorobenzene	U		0.103	3.99	10	06/04/2019 02:32	WG1288938

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.120	3.99	10	06/04/2019 02:32	WG1288938
Hexachlorocyclopentadiene	U	J0	0.704	3.99	10	06/04/2019 02:32	WG1288938
Hexachloroethane	U		0.161	3.99	10	06/04/2019 02:32	WG1288938
Indeno(1,2,3-cd)pyrene	U		0.0925	0.399	10	06/04/2019 02:32	WG1288938
Isophorone	U		0.0626	3.99	10	06/04/2019 02:32	WG1288938
Naphthalene	U		0.107	0.399	10	06/04/2019 02:32	WG1288938
Nitrobenzene	U		0.0833	3.99	10	06/04/2019 02:32	WG1288938
n-Nitrosodimethylamine	U		0.775	3.99	10	06/04/2019 02:32	WG1288938
n-Nitrosodiphenylamine	U		1.08	3.99	10	06/04/2019 02:32	WG1288938
n-Nitrosodi-n-propylamine	U		0.109	3.99	10	06/04/2019 02:32	WG1288938
Phenanthrene	U		0.0633	0.399	10	06/04/2019 02:32	WG1288938
Benzylbutyl phthalate	U		0.123	3.99	10	06/04/2019 02:32	WG1288938
Bis(2-ethylhexyl)phthalate	U		0.144	3.99	10	06/04/2019 02:32	WG1288938
Di-n-butyl phthalate	U		0.131	3.99	10	06/04/2019 02:32	WG1288938
Diethyl phthalate	U		0.0828	3.99	10	06/04/2019 02:32	WG1288938
Dimethyl phthalate	U		0.0647	3.99	10	06/04/2019 02:32	WG1288938
Di-n-octyl phthalate	U		0.109	3.99	10	06/04/2019 02:32	WG1288938
Pyrene	U		0.147	0.399	10	06/04/2019 02:32	WG1288938
1,2,4-Trichlorobenzene	U		0.105	3.99	10	06/04/2019 02:32	WG1288938
4-Chloro-3-methylphenol	U		0.0572	3.99	10	06/04/2019 02:32	WG1288938
2-Chlorophenol	U		0.0996	3.99	10	06/04/2019 02:32	WG1288938
2,4-Dichlorophenol	U		0.0894	3.99	10	06/04/2019 02:32	WG1288938
2,4-Dimethylphenol	U		0.565	3.99	10	06/04/2019 02:32	WG1288938
4,6-Dinitro-2-methylphenol	U		1.49	3.99	10	06/04/2019 02:32	WG1288938
2,4-Dinitrophenol	U		1.17	3.99	10	06/04/2019 02:32	WG1288938
2-Nitrophenol	U		0.156	3.99	10	06/04/2019 02:32	WG1288938
4-Nitrophenol	U		0.629	3.99	10	06/04/2019 02:32	WG1288938
Pentachlorophenol	U		0.575	3.99	10	06/04/2019 02:32	WG1288938
Phenol	U		0.0833	3.99	10	06/04/2019 02:32	WG1288938
2,4,6-Trichlorophenol	U		0.0934	3.99	10	06/04/2019 02:32	WG1288938
(S) 2-Fluorophenol	*84.3*			*12.0-120*		*06/04/2019 02:32*	WG1288938
(S) Phenol-d5	*74.8*			*10.0-120*		*06/04/2019 02:32*	WG1288938
(S) Nitrobenzene-d5	*70.9*			*10.0-122*		*06/04/2019 02:32*	WG1288938
(S) 2-Fluorobiphenyl	*73.4*			*15.0-120*		*06/04/2019 02:32*	WG1288938
(S) 2,4,6-Tribromophenol	*67.3*			*10.0-127*		*06/04/2019 02:32*	WG1288938
(S) p-Terphenyl-d14	*74.0*			*10.0-120*		*06/04/2019 02:32*	WG1288938

Sample Narrative:

L1102111-24 WG1288938: Dilution due to viscosity.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.3		1	05/31/2019 10:06	WG1289007

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00158	0.0234	1	06/03/2019 11:35	WG1289788
Alpha BHC	U		0.00159	0.0234	1	06/03/2019 11:35	WG1289788
Beta BHC	U		0.00188	0.0234	1	06/03/2019 11:35	WG1289788
Delta BHC	U		0.00168	0.0234	1	06/03/2019 11:35	WG1289788
Gamma BHC	U		0.00170	0.0234	1	06/03/2019 11:35	WG1289788
Chlordane	U		0.0457	0.234	1	06/03/2019 11:35	WG1289788
4,4-DDD	U		0.00183	0.0234	1	06/03/2019 11:35	WG1289788
4,4-DDE	U		0.00181	0.0234	1	06/03/2019 11:35	WG1289788
4,4-DDT	U		0.00234	0.0234	1	06/03/2019 11:35	WG1289788
Dieldrin	U		0.00178	0.0234	1	06/03/2019 11:35	WG1289788
Endosulfan I	U		0.00175	0.0234	1	06/03/2019 11:35	WG1289788
Endosulfan II	U		0.00188	0.0234	1	06/03/2019 11:35	WG1289788
Endosulfan sulfate	U		0.00177	0.0234	1	06/03/2019 11:35	WG1289788
Endrin	U		0.00184	0.0234	1	06/03/2019 11:35	WG1289788
Endrin aldehyde	U		0.00151	0.0234	1	06/03/2019 11:35	WG1289788
Endrin ketone	U		0.00193	0.0234	1	06/03/2019 11:35	WG1289788
Hexachlorobenzene	U		0.00145	0.0234	1	06/03/2019 11:35	WG1289788
Heptachlor	U		0.00181	0.0234	1	06/03/2019 11:35	WG1289788
Heptachlor epoxide	U		0.00189	0.0234	1	06/03/2019 11:35	WG1289788
Methoxychlor	U		0.00209	0.0234	1	06/03/2019 11:35	WG1289788
Toxaphene	U		0.0422	0.469	1	06/03/2019 11:35	WG1289788
(S) Decachlorobiphenyl	*55.8*			*10.0-135*		*06/03/2019 11:35*	WG1289788
(S) Tetrachloro-m-xylene	*67.3*			*10.0-139*		*06/03/2019 11:35*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00753	0.0390	1	06/03/2019 21:43	WG1288938
Acenaphthylene	U		0.00787	0.0390	1	06/03/2019 21:43	WG1288938
Anthracene	U		0.00741	0.0390	1	06/03/2019 21:43	WG1288938
Benzidine	U		0.0747	0.390	1	06/03/2019 21:43	WG1288938
Benzo(a)anthracene	U		0.00502	0.0390	1	06/03/2019 21:43	WG1288938
Benzo(b)fluoranthene	U		0.00815	0.0390	1	06/03/2019 21:43	WG1288938
Benzo(k)fluoranthene	U		0.00682	0.0390	1	06/03/2019 21:43	WG1288938
Benzo(g,h,i)perylene	U		0.00845	0.0390	1	06/03/2019 21:43	WG1288938
Benzo(a)pyrene	U		0.00643	0.0390	1	06/03/2019 21:43	WG1288938
Bis(2-chlorethoxy)methane	U		0.00903	0.390	1	06/03/2019 21:43	WG1288938
Bis(2-chloroethyl)ether	U		0.0105	0.390	1	06/03/2019 21:43	WG1288938
Bis(2-chloroisopropyl)ether	U		0.00891	0.390	1	06/03/2019 21:43	WG1288938
4-Bromophenyl-phenylether	U		0.0134	0.390	1	06/03/2019 21:43	WG1288938
2-Chloronaphthalene	U		0.00749	0.0390	1	06/03/2019 21:43	WG1288938
4-Chlorophenyl-phenylether	U		0.00735	0.390	1	06/03/2019 21:43	WG1288938
Chrysene	U		0.00651	0.0390	1	06/03/2019 21:43	WG1288938
Dibenz(a,h)anthracene	U		0.00963	0.0390	1	06/03/2019 21:43	WG1288938
3,3-Dichlorobenzidine	U		0.0931	0.390	1	06/03/2019 21:43	WG1288938
2,4-Dinitrotoluene	U		0.00712	0.390	1	06/03/2019 21:43	WG1288938
2,6-Dinitrotoluene	U		0.00864	0.390	1	06/03/2019 21:43	WG1288938
Fluoranthene	U		0.00582	0.0390	1	06/03/2019 21:43	WG1288938
Fluorene	U		0.00800	0.0390	1	06/03/2019 21:43	WG1288938
Hexachlorobenzene	U		0.0100	0.390	1	06/03/2019 21:43	WG1288938

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0117	0.390	1	06/03/2019 21:43	WG1288938
Hexachlorocyclopentadiene	U	J0	0.0688	0.390	1	06/03/2019 21:43	WG1288938
Hexachloroethane	U		0.0157	0.390	1	06/03/2019 21:43	WG1288938
Indeno(1,2,3-cd)pyrene	U		0.00905	0.0390	1	06/03/2019 21:43	WG1288938
Isophorone	U		0.00612	0.390	1	06/03/2019 21:43	WG1288938
Naphthalene	U		0.0104	0.0390	1	06/03/2019 21:43	WG1288938
Nitrobenzene	U		0.00815	0.390	1	06/03/2019 21:43	WG1288938
n-Nitrosodimethylamine	U		0.0759	0.390	1	06/03/2019 21:43	WG1288938
n-Nitrosodiphenylamine	U		0.106	0.390	1	06/03/2019 21:43	WG1288938
n-Nitrosodi-n-propylamine	U		0.0106	0.390	1	06/03/2019 21:43	WG1288938
Phenanthrene	U		0.00619	0.0390	1	06/03/2019 21:43	WG1288938
Benzylbutyl phthalate	U		0.0121	0.390	1	06/03/2019 21:43	WG1288938
Bis(2-ethylhexyl)phthalate	U		0.0141	0.390	1	06/03/2019 21:43	WG1288938
Di-n-butyl phthalate	U		0.0128	0.390	1	06/03/2019 21:43	WG1288938
Diethyl phthalate	U		0.00810	0.390	1	06/03/2019 21:43	WG1288938
Dimethyl phthalate	U		0.00633	0.390	1	06/03/2019 21:43	WG1288938
Di-n-octyl phthalate	U		0.0106	0.390	1	06/03/2019 21:43	WG1288938
Pyrene	U		0.0144	0.0390	1	06/03/2019 21:43	WG1288938
1,2,4-Trichlorobenzene	U		0.0103	0.390	1	06/03/2019 21:43	WG1288938
4-Chloro-3-methylphenol	U		0.00559	0.390	1	06/03/2019 21:43	WG1288938
2-Chlorophenol	U		0.00974	0.390	1	06/03/2019 21:43	WG1288938
2,4-Dichlorophenol	U		0.00875	0.390	1	06/03/2019 21:43	WG1288938
2,4-Dimethylphenol	U		0.0552	0.390	1	06/03/2019 21:43	WG1288938
4,6-Dinitro-2-methylphenol	U		0.145	0.390	1	06/03/2019 21:43	WG1288938
2,4-Dinitrophenol	U		0.115	0.390	1	06/03/2019 21:43	WG1288938
2-Nitrophenol	U		0.0152	0.390	1	06/03/2019 21:43	WG1288938
4-Nitrophenol	U		0.0616	0.390	1	06/03/2019 21:43	WG1288938
Pentachlorophenol	U		0.0563	0.390	1	06/03/2019 21:43	WG1288938
Phenol	U		0.00815	0.390	1	06/03/2019 21:43	WG1288938
2,4,6-Trichlorophenol	U		0.00913	0.390	1	06/03/2019 21:43	WG1288938
(S) 2-Fluorophenol	*77.3*			*12.0-120*		*06/03/2019 21:43*	WG1288938
(S) Phenol-d5	*68.0*			*10.0-120*		*06/03/2019 21:43*	WG1288938
(S) Nitrobenzene-d5	*61.2*			*10.0-122*		*06/03/2019 21:43*	WG1288938
(S) 2-Fluorobiphenyl	*66.4*			*15.0-120*		*06/03/2019 21:43*	WG1288938
(S) 2,4,6-Tribromophenol	*63.8*			*10.0-127*		*06/03/2019 21:43*	WG1288938
(S) p-Terphenyl-d14	*70.6*			*10.0-120*		*06/03/2019 21:43*	WG1288938

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.5		1	05/31/2019 10:06	WG1289007

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00168	0.0248	1	06/03/2019 11:49	WG1289788
Alpha BHC	U		0.00169	0.0248	1	06/03/2019 11:49	WG1289788
Beta BHC	U		0.00199	0.0248	1	06/03/2019 11:49	WG1289788
Delta BHC	U		0.00178	0.0248	1	06/03/2019 11:49	WG1289788
Gamma BHC	U		0.00180	0.0248	1	06/03/2019 11:49	WG1289788
Chlordane	U		0.0484	0.248	1	06/03/2019 11:49	WG1289788
4,4-DDD	U		0.00194	0.0248	1	06/03/2019 11:49	WG1289788
4,4-DDE	U		0.00191	0.0248	1	06/03/2019 11:49	WG1289788
4,4-DDT	U		0.00248	0.0248	1	06/03/2019 11:49	WG1289788
Dieldrin	U		0.00189	0.0248	1	06/03/2019 11:49	WG1289788
Endosulfan I	U		0.00185	0.0248	1	06/03/2019 11:49	WG1289788
Endosulfan II	U		0.00199	0.0248	1	06/03/2019 11:49	WG1289788
Endosulfan sulfate	U		0.00187	0.0248	1	06/03/2019 11:49	WG1289788
Endrin	U		0.00195	0.0248	1	06/03/2019 11:49	WG1289788
Endrin aldehyde	U		0.00160	0.0248	1	06/03/2019 11:49	WG1289788
Endrin ketone	U		0.00205	0.0248	1	06/03/2019 11:49	WG1289788
Hexachlorobenzene	U		0.00154	0.0248	1	06/03/2019 11:49	WG1289788
Heptachlor	U		0.00191	0.0248	1	06/03/2019 11:49	WG1289788
Heptachlor epoxide	U		0.00200	0.0248	1	06/03/2019 11:49	WG1289788
Methoxychlor	U		0.00221	0.0248	1	06/03/2019 11:49	WG1289788
Toxaphene	U		0.0447	0.497	1	06/03/2019 11:49	WG1289788
(S) Decachlorobiphenyl	*62.7*			*10.0-135*		*06/03/2019 11:49*	WG1289788
(S) Tetrachloro-m-xylene	*73.3*			*10.0-139*		*06/03/2019 11:49*	WG1289788

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00797	0.0413	1	06/03/2019 21:24	WG1288938
Acenaphthylene	U		0.00833	0.0413	1	06/03/2019 21:24	WG1288938
Anthracene	U		0.00785	0.0413	1	06/03/2019 21:24	WG1288938
Benzidine	U		0.0791	0.413	1	06/03/2019 21:24	WG1288938
Benzo(a)anthracene	U		0.00531	0.0413	1	06/03/2019 21:24	WG1288938
Benzo(b)fluoranthene	U		0.00863	0.0413	1	06/03/2019 21:24	WG1288938
Benzo(k)fluoranthene	U		0.00723	0.0413	1	06/03/2019 21:24	WG1288938
Benzo(g,h,i)perylene	U		0.00895	0.0413	1	06/03/2019 21:24	WG1288938
Benzo(a)pyrene	U		0.00680	0.0413	1	06/03/2019 21:24	WG1288938
Bis(2-chlorethoxy)methane	U		0.00956	0.413	1	06/03/2019 21:24	WG1288938
Bis(2-chloroethyl)ether	U		0.0111	0.413	1	06/03/2019 21:24	WG1288938
Bis(2-chloroisopropyl)ether	U		0.00944	0.413	1	06/03/2019 21:24	WG1288938
4-Bromophenyl-phenylether	U		0.0142	0.413	1	06/03/2019 21:24	WG1288938
2-Chloronaphthalene	U		0.00793	0.0413	1	06/03/2019 21:24	WG1288938
4-Chlorophenyl-phenylether	U		0.00779	0.413	1	06/03/2019 21:24	WG1288938
Chrysene	U		0.00689	0.0413	1	06/03/2019 21:24	WG1288938
Dibenz(a,h)anthracene	U		0.0102	0.0413	1	06/03/2019 21:24	WG1288938
3,3-Dichlorobenzidine	U		0.0986	0.413	1	06/03/2019 21:24	WG1288938
2,4-Dinitrotoluene	U		0.00754	0.413	1	06/03/2019 21:24	WG1288938
2,6-Dinitrotoluene	U		0.00915	0.413	1	06/03/2019 21:24	WG1288938
Fluoranthene	U		0.00616	0.0413	1	06/03/2019 21:24	WG1288938
Fluorene	U		0.00847	0.0413	1	06/03/2019 21:24	WG1288938
Hexachlorobenzene	U		0.0106	0.413	1	06/03/2019 21:24	WG1288938

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0124	0.413	1	06/03/2019 21:24	WG1288938
Hexachlorocyclopentadiene	U	J0	0.0729	0.413	1	06/03/2019 21:24	WG1288938
Hexachloroethane	U		0.0166	0.413	1	06/03/2019 21:24	WG1288938
Indeno(1,2,3-cd)pyrene	U		0.00959	0.0413	1	06/03/2019 21:24	WG1288938
Isophorone	U		0.00648	0.413	1	06/03/2019 21:24	WG1288938
Naphthalene	U		0.0110	0.0413	1	06/03/2019 21:24	WG1288938
Nitrobenzene	U		0.00863	0.413	1	06/03/2019 21:24	WG1288938
n-Nitrosodimethylamine	U		0.0803	0.413	1	06/03/2019 21:24	WG1288938
n-Nitrosodiphenylamine	U		0.112	0.413	1	06/03/2019 21:24	WG1288938
n-Nitrosodi-n-propylamine	U		0.0112	0.413	1	06/03/2019 21:24	WG1288938
Phenanthrene	U		0.00656	0.0413	1	06/03/2019 21:24	WG1288938
Benzylbutyl phthalate	U		0.0128	0.413	1	06/03/2019 21:24	WG1288938
Bis(2-ethylhexyl)phthalate	U		0.0149	0.413	1	06/03/2019 21:24	WG1288938
Di-n-butyl phthalate	U		0.0135	0.413	1	06/03/2019 21:24	WG1288938
Diethyl phthalate	U		0.00858	0.413	1	06/03/2019 21:24	WG1288938
Dimethyl phthalate	U		0.00670	0.413	1	06/03/2019 21:24	WG1288938
Di-n-octyl phthalate	U		0.0113	0.413	1	06/03/2019 21:24	WG1288938
Pyrene	U		0.0153	0.0413	1	06/03/2019 21:24	WG1288938
1,2,4-Trichlorobenzene	U		0.0109	0.413	1	06/03/2019 21:24	WG1288938
4-Chloro-3-methylphenol	U		0.00592	0.413	1	06/03/2019 21:24	WG1288938
2-Chlorophenol	U		0.0103	0.413	1	06/03/2019 21:24	WG1288938
2,4-Dichlorophenol	U		0.00926	0.413	1	06/03/2019 21:24	WG1288938
2,4-Dimethylphenol	U		0.0585	0.413	1	06/03/2019 21:24	WG1288938
4,6-Dinitro-2-methylphenol	U		0.154	0.413	1	06/03/2019 21:24	WG1288938
2,4-Dinitrophenol	U		0.122	0.413	1	06/03/2019 21:24	WG1288938
2-Nitrophenol	U		0.0161	0.413	1	06/03/2019 21:24	WG1288938
4-Nitrophenol	U		0.0652	0.413	1	06/03/2019 21:24	WG1288938
Pentachlorophenol	U		0.0596	0.413	1	06/03/2019 21:24	WG1288938
Phenol	U		0.00863	0.413	1	06/03/2019 21:24	WG1288938
2,4,6-Trichlorophenol	U		0.00967	0.413	1	06/03/2019 21:24	WG1288938
(S) 2-Fluorophenol	*74.4*			*12.0-120*		*06/03/2019 21:24*	WG1288938
(S) Phenol-d5	*65.9*			*10.0-120*		*06/03/2019 21:24*	WG1288938
(S) Nitrobenzene-d5	*62.2*			*10.0-122*		*06/03/2019 21:24*	WG1288938
(S) 2-Fluorobiphenyl	*65.1*			*15.0-120*		*06/03/2019 21:24*	WG1288938
(S) 2,4,6-Tribromophenol	*63.2*			*10.0-127*		*06/03/2019 21:24*	WG1288938
(S) p-Terphenyl-d14	*70.2*			*10.0-120*		*06/03/2019 21:24*	WG1288938

Pesticides (GC) by Method 8081A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Aldrin	U		0.0000163	0.000100	2	05/26/2019 16:04	WG1286409
Alpha BHC	U		0.0000332	0.000100	2	05/26/2019 16:04	WG1286409
Beta BHC	U		0.0000368	0.000100	2	05/26/2019 16:04	WG1286409
Delta BHC	U		0.0000394	0.000100	2	05/26/2019 16:04	WG1286409
Gamma BHC	U		0.0000352	0.000100	2	05/26/2019 16:04	WG1286409
Chlordane	U		0.000195	0.00100	2	05/26/2019 16:04	WG1286409
4,4-DDD	U		0.0000340	0.000100	2	05/26/2019 16:04	WG1286409
4,4-DDE	U		0.0000328	0.000100	2	05/26/2019 16:04	WG1286409
4,4-DDT	U		0.0000354	0.000100	2	05/26/2019 16:04	WG1286409
Dieldrin	U		0.0000150	0.000100	2	05/26/2019 16:04	WG1286409
Endosulfan I	U		0.0000358	0.000100	2	05/26/2019 16:04	WG1286409
Endosulfan II	U		0.0000352	0.000100	2	05/26/2019 16:04	WG1286409
Endosulfan sulfate	U		0.0000392	0.000100	2	05/26/2019 16:04	WG1286409
Endrin	U		0.0000378	0.000100	2	05/26/2019 16:04	WG1286409
Endrin aldehyde	U		0.0000284	0.000100	2	05/26/2019 16:04	WG1286409
Endrin ketone	U		0.0000340	0.000100	2	05/26/2019 16:04	WG1286409
Hexachlorobenzene	U		0.0000268	0.000100	2	05/26/2019 16:04	WG1286409
Heptachlor	U		0.0000216	0.000100	2	05/26/2019 16:04	WG1286409
Heptachlor epoxide	U		0.0000350	0.000100	2	05/26/2019 16:04	WG1286409
Methoxychlor	U		0.0000386	0.000100	2	05/26/2019 16:04	WG1286409
Toxaphene	U		0.000336	0.00100	2	05/26/2019 16:04	WG1286409
(S) Decachlorobiphenyl	*70.0*			*10.0-128*		*05/26/2019 16:04*	WG1286409
(S) Tetrachloro-m-xylene	*80.0*			*10.0-127*		*05/26/2019 16:04*	WG1286409

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.000790	0.00250	2.5	05/28/2019 01:15	WG1286400
Acenaphthylene	U		0.000772	0.00250	2.5	05/28/2019 01:15	WG1286400
Anthracene	U		0.000728	0.00250	2.5	05/28/2019 01:15	WG1286400
Benzidine	U	J0 J4	0.0108	0.0250	2.5	05/28/2019 01:15	WG1286400
Benzo(a)anthracene	U		0.000244	0.00250	2.5	05/28/2019 01:15	WG1286400
Benzo(b)fluoranthene	U		0.000224	0.00250	2.5	05/28/2019 01:15	WG1286400
Benzo(k)fluoranthene	U		0.000888	0.00250	2.5	05/28/2019 01:15	WG1286400
Benzo(g,h,i)perylene	U		0.000403	0.00250	2.5	05/28/2019 01:15	WG1286400
Benzo(a)pyrene	U		0.000850	0.00250	2.5	05/28/2019 01:15	WG1286400
Bis(2-chlorethoxy)methane	U		0.000823	0.0250	2.5	05/28/2019 01:15	WG1286400
Bis(2-chloroethyl)ether	U		0.00405	0.0250	2.5	05/28/2019 01:15	WG1286400
Bis(2-chloroisopropyl)ether	U		0.00111	0.0250	2.5	05/28/2019 01:15	WG1286400
4-Bromophenyl-phenylether	U		0.000838	0.0250	2.5	05/28/2019 01:15	WG1286400
2-Chloronaphthalene	U		0.000825	0.00250	2.5	05/28/2019 01:15	WG1286400
4-Chlorophenyl-phenylether	U		0.000757	0.0250	2.5	05/28/2019 01:15	WG1286400
Chrysene	U		0.000830	0.00250	2.5	05/28/2019 01:15	WG1286400
Dibenz(a,h)anthracene	U		0.000698	0.00250	2.5	05/28/2019 01:15	WG1286400
3,3-Dichlorobenzidine	U		0.00505	0.0250	2.5	05/28/2019 01:15	WG1286400
2,4-Dinitrotoluene	U		0.00413	0.0250	2.5	05/28/2019 01:15	WG1286400
2,6-Dinitrotoluene	U		0.000698	0.0250	2.5	05/28/2019 01:15	WG1286400
Fluoranthene	U		0.000775	0.00250	2.5	05/28/2019 01:15	WG1286400
Fluorene	U		0.000807	0.00250	2.5	05/28/2019 01:15	WG1286400
Hexachlorobenzene	U		0.000852	0.00250	2.5	05/28/2019 01:15	WG1286400
Hexachloro-1,3-butadiene	U		0.000823	0.0250	2.5	05/28/2019 01:15	WG1286400
Hexachlorocyclopentadiene	U	J0	0.00583	0.0250	2.5	05/28/2019 01:15	WG1286400
Hexachloroethane	U		0.000913	0.0250	2.5	05/28/2019 01:15	WG1286400
Indeno(1,2,3-cd)pyrene	U		0.000698	0.00250	2.5	05/28/2019 01:15	WG1286400
Isophorone	U		0.000680	0.0250	2.5	05/28/2019 01:15	WG1286400

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.000930	0.00250	2.5	05/28/2019 01:15	WG1286400
Nitrobenzene	U		0.000918	0.0250	2.5	05/28/2019 01:15	WG1286400
n-Nitrosodimethylamine	U		0.00315	0.0250	2.5	05/28/2019 01:15	WG1286400
n-Nitrosodiphenylamine	U		0.00298	0.0250	2.5	05/28/2019 01:15	WG1286400
n-Nitrosodi-n-propylamine	U		0.00101	0.0250	2.5	05/28/2019 01:15	WG1286400
Phenanthrene	U		0.000915	0.00250	2.5	05/28/2019 01:15	WG1286400
Benzylbutyl phthalate	U		0.000688	0.00750	2.5	05/28/2019 01:15	WG1286400
Bis(2-ethylhexyl)phthalate	U		0.00177	0.00750	2.5	05/28/2019 01:15	WG1286400
Di-n-butyl phthalate	U		0.000665	0.00750	2.5	05/28/2019 01:15	WG1286400
Diethyl phthalate	U		0.000705	0.00750	2.5	05/28/2019 01:15	WG1286400
Dimethyl phthalate	U		0.000707	0.00750	2.5	05/28/2019 01:15	WG1286400
Di-n-octyl phthalate	U		0.000695	0.00750	2.5	05/28/2019 01:15	WG1286400
Pyrene	U		0.000825	0.00250	2.5	05/28/2019 01:15	WG1286400
1,2,4-Trichlorobenzene	U		0.000888	0.0250	2.5	05/28/2019 01:15	WG1286400
4-Chloro-3-methylphenol	U		0.000657	0.0250	2.5	05/28/2019 01:15	WG1286400
2-Chlorophenol	U		0.000707	0.0250	2.5	05/28/2019 01:15	WG1286400
2,4-Dichlorophenol	U		0.000710	0.0250	2.5	05/28/2019 01:15	WG1286400
2,4-Dimethylphenol	U		0.000660	0.0250	2.5	05/28/2019 01:15	WG1286400
4,6-Dinitro-2-methylphenol	U		0.00655	0.0250	2.5	05/28/2019 01:15	WG1286400
2,4-Dinitrophenol	U		0.00813	0.0250	2.5	05/28/2019 01:15	WG1286400
2-Nitrophenol	U		0.000800	0.0250	2.5	05/28/2019 01:15	WG1286400
4-Nitrophenol	U		0.00503	0.0250	2.5	05/28/2019 01:15	WG1286400
Pentachlorophenol	U		0.000782	0.0250	2.5	05/28/2019 01:15	WG1286400
Phenol	0.00104	J	0.000835	0.0250	2.5	05/28/2019 01:15	WG1286400
2,4,6-Trichlorophenol	U		0.000742	0.0250	2.5	05/28/2019 01:15	WG1286400
(S) 2-Fluorophenol	*27.4*			*10.0-120*		*05/28/2019 01:15*	WG1286400
(S) Phenol-d5	*18.4*			*10.0-120*		*05/28/2019 01:15*	WG1286400
(S) Nitrobenzene-d5	*40.4*			*10.0-127*		*05/28/2019 01:15*	WG1286400
(S) 2-Fluorobiphenyl	*29.9*			*10.0-130*		*05/28/2019 01:15*	WG1286400
(S) 2,4,6-Tribromophenol	*51.8*			*10.0-155*		*05/28/2019 01:15*	WG1286400
(S) p-Terphenyl-d14	*57.2*			*10.0-128*		*05/28/2019 01:15*	WG1286400

Pesticides (GC) by Method 8081A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Aldrin	U		0.0000113	0.0000695	1.39	05/26/2019 16:17	WG1286409
Alpha BHC	U		0.0000231	0.0000695	1.39	05/26/2019 16:17	WG1286409
Beta BHC	U		0.0000256	0.0000695	1.39	05/26/2019 16:17	WG1286409
Delta BHC	U		0.0000274	0.0000695	1.39	05/26/2019 16:17	WG1286409
Gamma BHC	U		0.0000245	0.0000695	1.39	05/26/2019 16:17	WG1286409
Chlordane	U		0.000136	0.000695	1.39	05/26/2019 16:17	WG1286409
4,4-DDD	U		0.0000236	0.0000695	1.39	05/26/2019 16:17	WG1286409
4,4-DDE	U		0.0000228	0.0000695	1.39	05/26/2019 16:17	WG1286409
4,4-DDT	U		0.0000246	0.0000695	1.39	05/26/2019 16:17	WG1286409
Dieldrin	U		0.0000104	0.0000695	1.39	05/26/2019 16:17	WG1286409
Endosulfan I	U		0.0000249	0.0000695	1.39	05/26/2019 16:17	WG1286409
Endosulfan II	U		0.0000245	0.0000695	1.39	05/26/2019 16:17	WG1286409
Endosulfan sulfate	U		0.0000272	0.0000695	1.39	05/26/2019 16:17	WG1286409
Endrin	U		0.0000263	0.0000695	1.39	05/26/2019 16:17	WG1286409
Endrin aldehyde	U		0.0000197	0.0000695	1.39	05/26/2019 16:17	WG1286409
Endrin ketone	U		0.0000236	0.0000695	1.39	05/26/2019 16:17	WG1286409
Hexachlorobenzene	U		0.0000186	0.0000695	1.39	05/26/2019 16:17	WG1286409
Heptachlor	U		0.0000150	0.0000695	1.39	05/26/2019 16:17	WG1286409
Heptachlor epoxide	U		0.0000243	0.0000695	1.39	05/26/2019 16:17	WG1286409
Methoxychlor	U		0.0000268	0.0000695	1.39	05/26/2019 16:17	WG1286409
Toxaphene	U		0.000234	0.000695	1.39	05/26/2019 16:17	WG1286409
(S) Decachlorobiphenyl	*60.1*			*10.0-128*		*05/26/2019 16:17*	WG1286409
(S) Tetrachloro-m-xylene	*79.9*			*10.0-127*		*05/26/2019 16:17*	WG1286409

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.000790	0.00250	2.5	05/28/2019 01:35	WG1286400
Acenaphthylene	U		0.000772	0.00250	2.5	05/28/2019 01:35	WG1286400
Anthracene	U		0.000728	0.00250	2.5	05/28/2019 01:35	WG1286400
Benzidine	U	J0 J4	0.0108	0.0250	2.5	05/28/2019 01:35	WG1286400
Benzo(a)anthracene	U		0.000244	0.00250	2.5	05/28/2019 01:35	WG1286400
Benzo(b)fluoranthene	U		0.000224	0.00250	2.5	05/28/2019 01:35	WG1286400
Benzo(k)fluoranthene	U		0.000888	0.00250	2.5	05/28/2019 01:35	WG1286400
Benzo(g,h,i)perylene	U		0.000403	0.00250	2.5	05/28/2019 01:35	WG1286400
Benzo(a)pyrene	U		0.000850	0.00250	2.5	05/28/2019 01:35	WG1286400
Bis(2-chlorethoxy)methane	U		0.000823	0.0250	2.5	05/28/2019 01:35	WG1286400
Bis(2-chloroethyl)ether	U		0.00405	0.0250	2.5	05/28/2019 01:35	WG1286400
Bis(2-chloroisopropyl)ether	U		0.00111	0.0250	2.5	05/28/2019 01:35	WG1286400
4-Bromophenyl-phenylether	U		0.000838	0.0250	2.5	05/28/2019 01:35	WG1286400
2-Chloronaphthalene	U		0.000825	0.00250	2.5	05/28/2019 01:35	WG1286400
4-Chlorophenyl-phenylether	U		0.000757	0.0250	2.5	05/28/2019 01:35	WG1286400
Chrysene	U		0.000830	0.00250	2.5	05/28/2019 01:35	WG1286400
Dibenz(a,h)anthracene	U		0.000698	0.00250	2.5	05/28/2019 01:35	WG1286400
3,3-Dichlorobenzidine	U		0.00505	0.0250	2.5	05/28/2019 01:35	WG1286400
2,4-Dinitrotoluene	U		0.00413	0.0250	2.5	05/28/2019 01:35	WG1286400
2,6-Dinitrotoluene	U		0.000698	0.0250	2.5	05/28/2019 01:35	WG1286400
Fluoranthene	U		0.000775	0.00250	2.5	05/28/2019 01:35	WG1286400
Fluorene	U		0.000807	0.00250	2.5	05/28/2019 01:35	WG1286400
Hexachlorobenzene	U		0.000852	0.00250	2.5	05/28/2019 01:35	WG1286400
Hexachloro-1,3-butadiene	U		0.000823	0.0250	2.5	05/28/2019 01:35	WG1286400
Hexachlorocyclopentadiene	U	J0	0.00583	0.0250	2.5	05/28/2019 01:35	WG1286400
Hexachloroethane	U		0.000913	0.0250	2.5	05/28/2019 01:35	WG1286400
Indeno(1,2,3-cd)pyrene	U		0.000698	0.00250	2.5	05/28/2019 01:35	WG1286400
Isophorone	U		0.000680	0.0250	2.5	05/28/2019 01:35	WG1286400

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Naphthalene	U		0.000930	0.00250	2.5	05/28/2019 01:35	WG1286400
Nitrobenzene	U		0.000918	0.0250	2.5	05/28/2019 01:35	WG1286400
n-Nitrosodimethylamine	U		0.00315	0.0250	2.5	05/28/2019 01:35	WG1286400
n-Nitrosodiphenylamine	U		0.00298	0.0250	2.5	05/28/2019 01:35	WG1286400
n-Nitrosodi-n-propylamine	U		0.00101	0.0250	2.5	05/28/2019 01:35	WG1286400
Phenanthrene	U		0.000915	0.00250	2.5	05/28/2019 01:35	WG1286400
Benzylbutyl phthalate	U		0.000688	0.00750	2.5	05/28/2019 01:35	WG1286400
Bis(2-ethylhexyl)phthalate	U		0.00177	0.00750	2.5	05/28/2019 01:35	WG1286400
Di-n-butyl phthalate	U		0.000665	0.00750	2.5	05/28/2019 01:35	WG1286400
Diethyl phthalate	U		0.000705	0.00750	2.5	05/28/2019 01:35	WG1286400
Dimethyl phthalate	U		0.000707	0.00750	2.5	05/28/2019 01:35	WG1286400
Di-n-octyl phthalate	U		0.000695	0.00750	2.5	05/28/2019 01:35	WG1286400
Pyrene	U		0.000825	0.00250	2.5	05/28/2019 01:35	WG1286400
1,2,4-Trichlorobenzene	U		0.000888	0.0250	2.5	05/28/2019 01:35	WG1286400
4-Chloro-3-methylphenol	U		0.000657	0.0250	2.5	05/28/2019 01:35	WG1286400
2-Chlorophenol	U		0.000707	0.0250	2.5	05/28/2019 01:35	WG1286400
2,4-Dichlorophenol	U		0.000710	0.0250	2.5	05/28/2019 01:35	WG1286400
2,4-Dimethylphenol	U		0.000660	0.0250	2.5	05/28/2019 01:35	WG1286400
4,6-Dinitro-2-methylphenol	U		0.00655	0.0250	2.5	05/28/2019 01:35	WG1286400
2,4-Dinitrophenol	U		0.00813	0.0250	2.5	05/28/2019 01:35	WG1286400
2-Nitrophenol	U		0.000800	0.0250	2.5	05/28/2019 01:35	WG1286400
4-Nitrophenol	U		0.00503	0.0250	2.5	05/28/2019 01:35	WG1286400
Pentachlorophenol	U		0.000782	0.0250	2.5	05/28/2019 01:35	WG1286400
Phenol	0.0524		0.000835	0.0250	2.5	05/28/2019 01:35	WG1286400
2,4,6-Trichlorophenol	U		0.000742	0.0250	2.5	05/28/2019 01:35	WG1286400
(S) 2-Fluorophenol	*29.8*			*10.0-120*		*05/28/2019 01:35*	WG1286400
(S) Phenol-d5	*18.2*			*10.0-120*		*05/28/2019 01:35*	WG1286400
(S) Nitrobenzene-d5	*51.6*			*10.0-127*		*05/28/2019 01:35*	WG1286400
(S) 2-Fluorobiphenyl	*36.7*			*10.0-130*		*05/28/2019 01:35*	WG1286400
(S) 2,4,6-Tribromophenol	*56.0*			*10.0-155*		*05/28/2019 01:35*	WG1286400
(S) p-Terphenyl-d14	*57.2*			*10.0-128*		*05/28/2019 01:35*	WG1286400

Pesticides (GC) by Method 8081A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Aldrin	U		0.0000102	0.0000625	1.25	05/26/2019 16:29	WG1286409
Alpha BHC	U		0.0000208	0.0000625	1.25	05/26/2019 16:29	WG1286409
Beta BHC	U		0.0000230	0.0000625	1.25	05/26/2019 16:29	WG1286409
Delta BHC	U		0.0000246	0.0000625	1.25	05/26/2019 16:29	WG1286409
Gamma BHC	U		0.0000220	0.0000625	1.25	05/26/2019 16:29	WG1286409
Chlordane	U		0.000122	0.000625	1.25	05/26/2019 16:29	WG1286409
4,4-DDD	U		0.0000213	0.0000625	1.25	05/26/2019 16:29	WG1286409
4,4-DDE	U		0.0000205	0.0000625	1.25	05/26/2019 16:29	WG1286409
4,4-DDT	U		0.0000221	0.0000625	1.25	05/26/2019 16:29	WG1286409
Dieldrin	U		0.00000939	0.0000625	1.25	05/26/2019 16:29	WG1286409
Endosulfan I	U		0.0000224	0.0000625	1.25	05/26/2019 16:29	WG1286409
Endosulfan II	U		0.0000220	0.0000625	1.25	05/26/2019 16:29	WG1286409
Endosulfan sulfate	U		0.0000245	0.0000625	1.25	05/26/2019 16:29	WG1286409
Endrin	U		0.0000236	0.0000625	1.25	05/26/2019 16:29	WG1286409
Endrin aldehyde	U		0.0000177	0.0000625	1.25	05/26/2019 16:29	WG1286409
Endrin ketone	U		0.0000213	0.0000625	1.25	05/26/2019 16:29	WG1286409
Hexachlorobenzene	U		0.0000168	0.0000625	1.25	05/26/2019 16:29	WG1286409
Heptachlor	U		0.0000135	0.0000625	1.25	05/26/2019 16:29	WG1286409
Heptachlor epoxide	U		0.0000219	0.0000625	1.25	05/26/2019 16:29	WG1286409
Methoxychlor	U		0.0000241	0.0000625	1.25	05/26/2019 16:29	WG1286409
Toxaphene	U		0.000210	0.000625	1.25	05/26/2019 16:29	WG1286409
(S) Decachlorobiphenyl	*121*			*10.0-128*		*05/26/2019 16:29*	WG1286409
(S) Tetrachloro-m-xylene	*102*			*10.0-127*		*05/26/2019 16:29*	WG1286409

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.000790	0.00250	2.5	05/28/2019 01:56	WG1286400
Acenaphthylene	U		0.000772	0.00250	2.5	05/28/2019 01:56	WG1286400
Anthracene	U		0.000728	0.00250	2.5	05/28/2019 01:56	WG1286400
Benzidine	U	J0 J4	0.0108	0.0250	2.5	05/28/2019 01:56	WG1286400
Benzo(a)anthracene	U		0.000244	0.00250	2.5	05/28/2019 01:56	WG1286400
Benzo(b)fluoranthene	U		0.000224	0.00250	2.5	05/28/2019 01:56	WG1286400
Benzo(k)fluoranthene	U		0.000888	0.00250	2.5	05/28/2019 01:56	WG1286400
Benzo(g,h,i)perylene	U		0.000403	0.00250	2.5	05/28/2019 01:56	WG1286400
Benzo(a)pyrene	U		0.000850	0.00250	2.5	05/28/2019 01:56	WG1286400
Bis(2-chlorethoxy)methane	U		0.000823	0.0250	2.5	05/28/2019 01:56	WG1286400
Bis(2-chloroethyl)ether	U		0.00405	0.0250	2.5	05/28/2019 01:56	WG1286400
Bis(2-chloroisopropyl)ether	U		0.00111	0.0250	2.5	05/28/2019 01:56	WG1286400
4-Bromophenyl-phenylether	U		0.000838	0.0250	2.5	05/28/2019 01:56	WG1286400
2-Chloronaphthalene	U		0.000825	0.00250	2.5	05/28/2019 01:56	WG1286400
4-Chlorophenyl-phenylether	U		0.000757	0.0250	2.5	05/28/2019 01:56	WG1286400
Chrysene	U		0.000830	0.00250	2.5	05/28/2019 01:56	WG1286400
Dibenz(a,h)anthracene	U		0.000698	0.00250	2.5	05/28/2019 01:56	WG1286400
3,3-Dichlorobenzidine	U		0.00505	0.0250	2.5	05/28/2019 01:56	WG1286400
2,4-Dinitrotoluene	U		0.00413	0.0250	2.5	05/28/2019 01:56	WG1286400
2,6-Dinitrotoluene	U		0.000698	0.0250	2.5	05/28/2019 01:56	WG1286400
Fluoranthene	U		0.000775	0.00250	2.5	05/28/2019 01:56	WG1286400
Fluorene	U		0.000807	0.00250	2.5	05/28/2019 01:56	WG1286400
Hexachlorobenzene	U		0.000852	0.00250	2.5	05/28/2019 01:56	WG1286400
Hexachloro-1,3-butadiene	U		0.000823	0.0250	2.5	05/28/2019 01:56	WG1286400
Hexachlorocyclopentadiene	U	J0	0.00583	0.0250	2.5	05/28/2019 01:56	WG1286400
Hexachloroethane	U		0.000913	0.0250	2.5	05/28/2019 01:56	WG1286400
Indeno(1,2,3-cd)pyrene	U		0.000698	0.00250	2.5	05/28/2019 01:56	WG1286400
Isophorone	U		0.000680	0.0250	2.5	05/28/2019 01:56	WG1286400

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Naphthalene	U		0.000930	0.00250	2.5	05/28/2019 01:56	WG1286400
Nitrobenzene	U		0.000918	0.0250	2.5	05/28/2019 01:56	WG1286400
n-Nitrosodimethylamine	U		0.00315	0.0250	2.5	05/28/2019 01:56	WG1286400
n-Nitrosodiphenylamine	U		0.00298	0.0250	2.5	05/28/2019 01:56	WG1286400
n-Nitrosodi-n-propylamine	U		0.00101	0.0250	2.5	05/28/2019 01:56	WG1286400
Phenanthrene	U		0.000915	0.00250	2.5	05/28/2019 01:56	WG1286400
Benzylbutyl phthalate	U		0.000688	0.00750	2.5	05/28/2019 01:56	WG1286400
Bis(2-ethylhexyl)phthalate	U		0.00177	0.00750	2.5	05/28/2019 01:56	WG1286400
Di-n-butyl phthalate	U		0.000665	0.00750	2.5	05/28/2019 01:56	WG1286400
Diethyl phthalate	U		0.000705	0.00750	2.5	05/28/2019 01:56	WG1286400
Dimethyl phthalate	U		0.000707	0.00750	2.5	05/28/2019 01:56	WG1286400
Di-n-octyl phthalate	U		0.000695	0.00750	2.5	05/28/2019 01:56	WG1286400
Pyrene	U		0.000825	0.00250	2.5	05/28/2019 01:56	WG1286400
1,2,4-Trichlorobenzene	U		0.000888	0.0250	2.5	05/28/2019 01:56	WG1286400
4-Chloro-3-methylphenol	U		0.000657	0.0250	2.5	05/28/2019 01:56	WG1286400
2-Chlorophenol	U		0.000707	0.0250	2.5	05/28/2019 01:56	WG1286400
2,4-Dichlorophenol	U		0.000710	0.0250	2.5	05/28/2019 01:56	WG1286400
2,4-Dimethylphenol	U		0.000660	0.0250	2.5	05/28/2019 01:56	WG1286400
4,6-Dinitro-2-methylphenol	U		0.00655	0.0250	2.5	05/28/2019 01:56	WG1286400
2,4-Dinitrophenol	U		0.00813	0.0250	2.5	05/28/2019 01:56	WG1286400
2-Nitrophenol	U		0.000800	0.0250	2.5	05/28/2019 01:56	WG1286400
4-Nitrophenol	U		0.00503	0.0250	2.5	05/28/2019 01:56	WG1286400
Pentachlorophenol	U		0.000782	0.0250	2.5	05/28/2019 01:56	WG1286400
Phenol	0.0504		0.000835	0.0250	2.5	05/28/2019 01:56	WG1286400
2,4,6-Trichlorophenol	U		0.000742	0.0250	2.5	05/28/2019 01:56	WG1286400
(S) 2-Fluorophenol	*33.8*			*10.0-120*		*05/28/2019 01:56*	WG1286400
(S) Phenol-d5	*20.4*			*10.0-120*		*05/28/2019 01:56*	WG1286400
(S) Nitrobenzene-d5	*55.6*			*10.0-127*		*05/28/2019 01:56*	WG1286400
(S) 2-Fluorobiphenyl	*40.8*			*10.0-130*		*05/28/2019 01:56*	WG1286400
(S) 2,4,6-Tribromophenol	*65.2*			*10.0-155*		*05/28/2019 01:56*	WG1286400
(S) p-Terphenyl-d14	*69.2*			*10.0-128*		*05/28/2019 01:56*	WG1286400

Pesticides (GC) by Method 8081A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Aldrin	U		0.00000878	0.0000540	1.08	05/26/2019 16:41	WG1286409
Alpha BHC	U		0.0000179	0.0000540	1.08	05/26/2019 16:41	WG1286409
Beta BHC	U		0.0000199	0.0000540	1.08	05/26/2019 16:41	WG1286409
Delta BHC	U		0.0000213	0.0000540	1.08	05/26/2019 16:41	WG1286409
Gamma BHC	U		0.0000190	0.0000540	1.08	05/26/2019 16:41	WG1286409
Chlordane	U		0.000106	0.000540	1.08	05/26/2019 16:41	WG1286409
4,4-DDD	U		0.0000184	0.0000540	1.08	05/26/2019 16:41	WG1286409
4,4-DDE	U		0.0000177	0.0000540	1.08	05/26/2019 16:41	WG1286409
4,4-DDT	U		0.0000191	0.0000540	1.08	05/26/2019 16:41	WG1286409
Dieldrin	U		0.00000811	0.0000540	1.08	05/26/2019 16:41	WG1286409
Endosulfan I	U		0.0000193	0.0000540	1.08	05/26/2019 16:41	WG1286409
Endosulfan II	U		0.0000190	0.0000540	1.08	05/26/2019 16:41	WG1286409
Endosulfan sulfate	U		0.0000212	0.0000540	1.08	05/26/2019 16:41	WG1286409
Endrin	U		0.0000204	0.0000540	1.08	05/26/2019 16:41	WG1286409
Endrin aldehyde	U		0.0000153	0.0000540	1.08	05/26/2019 16:41	WG1286409
Endrin ketone	U		0.0000184	0.0000540	1.08	05/26/2019 16:41	WG1286409
Hexachlorobenzene	U		0.0000145	0.0000540	1.08	05/26/2019 16:41	WG1286409
Heptachlor	U		0.0000117	0.0000540	1.08	05/26/2019 16:41	WG1286409
Heptachlor epoxide	U		0.0000189	0.0000540	1.08	05/26/2019 16:41	WG1286409
Methoxychlor	U		0.0000208	0.0000540	1.08	05/26/2019 16:41	WG1286409
Toxaphene	U		0.000181	0.000540	1.08	05/26/2019 16:41	WG1286409
(S) Decachlorobiphenyl	*80.6*			*10.0-128*		*05/26/2019 16:41*	WG1286409
(S) Tetrachloro-m-xylene	*87.0*			*10.0-127*		*05/26/2019 16:41*	WG1286409

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acenaphthene	U		0.000420	0.00133	1.33	05/28/2019 02:16	WG1286400
Acenaphthylene	U		0.000411	0.00133	1.33	05/28/2019 02:16	WG1286400
Anthracene	U		0.000387	0.00133	1.33	05/28/2019 02:16	WG1286400
Benzidine	U	J0 J4	0.00575	0.0133	1.33	05/28/2019 02:16	WG1286400
Benzo(a)anthracene	U		0.000130	0.00133	1.33	05/28/2019 02:16	WG1286400
Benzo(b)fluoranthene	U		0.000119	0.00133	1.33	05/28/2019 02:16	WG1286400
Benzo(k)fluoranthene	U		0.000472	0.00133	1.33	05/28/2019 02:16	WG1286400
Benzo(g,h,i)perylene	U		0.000214	0.00133	1.33	05/28/2019 02:16	WG1286400
Benzo(a)pyrene	U		0.000452	0.00133	1.33	05/28/2019 02:16	WG1286400
Bis(2-chlorethoxy)methane	U		0.000438	0.0133	1.33	05/28/2019 02:16	WG1286400
Bis(2-chloroethyl)ether	U		0.00215	0.0133	1.33	05/28/2019 02:16	WG1286400
Bis(2-chloroisopropyl)ether	U		0.000592	0.0133	1.33	05/28/2019 02:16	WG1286400
4-Bromophenyl-phenylether	U		0.000446	0.0133	1.33	05/28/2019 02:16	WG1286400
2-Chloronaphthalene	U		0.000439	0.00133	1.33	05/28/2019 02:16	WG1286400
4-Chlorophenyl-phenylether	U		0.000403	0.0133	1.33	05/28/2019 02:16	WG1286400
Chrysene	U		0.000442	0.00133	1.33	05/28/2019 02:16	WG1286400
Dibenz(a,h)anthracene	U		0.000371	0.00133	1.33	05/28/2019 02:16	WG1286400
3,3-Dichlorobenzidine	U		0.00269	0.0133	1.33	05/28/2019 02:16	WG1286400
2,4-Dinitrotoluene	U		0.00219	0.0133	1.33	05/28/2019 02:16	WG1286400
2,6-Dinitrotoluene	U		0.000371	0.0133	1.33	05/28/2019 02:16	WG1286400
Fluoranthene	U		0.000412	0.00133	1.33	05/28/2019 02:16	WG1286400
Fluorene	U		0.000430	0.00133	1.33	05/28/2019 02:16	WG1286400
Hexachlorobenzene	U		0.000454	0.00133	1.33	05/28/2019 02:16	WG1286400
Hexachloro-1,3-butadiene	U		0.000438	0.0133	1.33	05/28/2019 02:16	WG1286400
Hexachlorocyclopentadiene	U	J0	0.00310	0.0133	1.33	05/28/2019 02:16	WG1286400
Hexachloroethane	U		0.000485	0.0133	1.33	05/28/2019 02:16	WG1286400
Indeno(1,2,3-cd)pyrene	U		0.000371	0.00133	1.33	05/28/2019 02:16	WG1286400
Isophorone	U		0.000362	0.0133	1.33	05/28/2019 02:16	WG1286400

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.000495	0.00133	1.33	05/28/2019 02:16	WG1286400
Nitrobenzene	U		0.000488	0.0133	1.33	05/28/2019 02:16	WG1286400
n-Nitrosodimethylamine	U		0.00168	0.0133	1.33	05/28/2019 02:16	WG1286400
n-Nitrosodiphenylamine	U		0.00158	0.0133	1.33	05/28/2019 02:16	WG1286400
n-Nitrosodi-n-propylamine	U		0.000536	0.0133	1.33	05/28/2019 02:16	WG1286400
Phenanthrene	U		0.000487	0.00133	1.33	05/28/2019 02:16	WG1286400
Benzylbutyl phthalate	U		0.000366	0.00399	1.33	05/28/2019 02:16	WG1286400
Bis(2-ethylhexyl)phthalate	U		0.000943	0.00399	1.33	05/28/2019 02:16	WG1286400
Di-n-butyl phthalate	U		0.000354	0.00399	1.33	05/28/2019 02:16	WG1286400
Diethyl phthalate	U		0.000375	0.00399	1.33	05/28/2019 02:16	WG1286400
Dimethyl phthalate	U		0.000376	0.00399	1.33	05/28/2019 02:16	WG1286400
Di-n-octyl phthalate	U		0.000370	0.00399	1.33	05/28/2019 02:16	WG1286400
Pyrene	U		0.000439	0.00133	1.33	05/28/2019 02:16	WG1286400
1,2,4-Trichlorobenzene	U		0.000472	0.0133	1.33	05/28/2019 02:16	WG1286400
4-Chloro-3-methylphenol	U		0.000350	0.0133	1.33	05/28/2019 02:16	WG1286400
2-Chlorophenol	U		0.000376	0.0133	1.33	05/28/2019 02:16	WG1286400
2,4-Dichlorophenol	U		0.000378	0.0133	1.33	05/28/2019 02:16	WG1286400
2,4-Dimethylphenol	U		0.000351	0.0133	1.33	05/28/2019 02:16	WG1286400
4,6-Dinitro-2-methylphenol	U		0.00348	0.0133	1.33	05/28/2019 02:16	WG1286400
2,4-Dinitrophenol	U		0.00432	0.0133	1.33	05/28/2019 02:16	WG1286400
2-Nitrophenol	U		0.000426	0.0133	1.33	05/28/2019 02:16	WG1286400
4-Nitrophenol	U		0.00267	0.0133	1.33	05/28/2019 02:16	WG1286400
Pentachlorophenol	U		0.000416	0.0133	1.33	05/28/2019 02:16	WG1286400
Phenol	0.00837	J	0.000444	0.0133	1.33	05/28/2019 02:16	WG1286400
2,4,6-Trichlorophenol	U		0.000395	0.0133	1.33	05/28/2019 02:16	WG1286400
(S) 2-Fluorophenol	*29.7*			*10.0-120*		*05/28/2019 02:16*	WG1286400
(S) Phenol-d5	*19.9*			*10.0-120*		*05/28/2019 02:16*	WG1286400
(S) Nitrobenzene-d5	*50.4*			*10.0-127*		*05/28/2019 02:16*	WG1286400
(S) 2-Fluorobiphenyl	*33.8*			*10.0-130*		*05/28/2019 02:16*	WG1286400
(S) 2,4,6-Tribromophenol	*58.4*			*10.0-155*		*05/28/2019 02:16*	WG1286400
(S) p-Terphenyl-d14	*60.6*			*10.0-128*		*05/28/2019 02:16*	WG1286400

Pesticides (GC) by Method 8081A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Aldrin	U		0.0000111	0.0000685	1.37	05/26/2019 16:54	WG1286409
Alpha BHC	U		0.0000227	0.0000685	1.37	05/26/2019 16:54	WG1286409
Beta BHC	U		0.0000252	0.0000685	1.37	05/26/2019 16:54	WG1286409
Delta BHC	U		0.0000270	0.0000685	1.37	05/26/2019 16:54	WG1286409
Gamma BHC	U		0.0000241	0.0000685	1.37	05/26/2019 16:54	WG1286409
Chlordane	U		0.000134	0.000685	1.37	05/26/2019 16:54	WG1286409
4,4-DDD	U		0.0000233	0.0000685	1.37	05/26/2019 16:54	WG1286409
4,4-DDE	U		0.0000225	0.0000685	1.37	05/26/2019 16:54	WG1286409
4,4-DDT	U		0.0000242	0.0000685	1.37	05/26/2019 16:54	WG1286409
Dieldrin	U		0.0000103	0.0000685	1.37	05/26/2019 16:54	WG1286409
Endosulfan I	U		0.0000245	0.0000685	1.37	05/26/2019 16:54	WG1286409
Endosulfan II	U		0.0000241	0.0000685	1.37	05/26/2019 16:54	WG1286409
Endosulfan sulfate	U		0.0000269	0.0000685	1.37	05/26/2019 16:54	WG1286409
Endrin	U		0.0000259	0.0000685	1.37	05/26/2019 16:54	WG1286409
Endrin aldehyde	U		0.0000195	0.0000685	1.37	05/26/2019 16:54	WG1286409
Endrin ketone	U		0.0000233	0.0000685	1.37	05/26/2019 16:54	WG1286409
Hexachlorobenzene	U		0.0000184	0.0000685	1.37	05/26/2019 16:54	WG1286409
Heptachlor	U		0.0000148	0.0000685	1.37	05/26/2019 16:54	WG1286409
Heptachlor epoxide	U		0.0000240	0.0000685	1.37	05/26/2019 16:54	WG1286409
Methoxychlor	U		0.0000264	0.0000685	1.37	05/26/2019 16:54	WG1286409
Toxaphene	U		0.000230	0.000685	1.37	05/26/2019 16:54	WG1286409
(S) Decachlorobiphenyl	*98.5*			*10.0-128*		*05/26/2019 16:54*	WG1286409
(S) Tetrachloro-m-xylene	*94.2*			*10.0-127*		*05/26/2019 16:54*	WG1286409

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.000395	0.00125	1.25	05/28/2019 02:36	WG1286400
Acenaphthylene	U		0.000386	0.00125	1.25	05/28/2019 02:36	WG1286400
Anthracene	U		0.000364	0.00125	1.25	05/28/2019 02:36	WG1286400
Benzidine	U	J0 J4	0.00540	0.0125	1.25	05/28/2019 02:36	WG1286400
Benzo(a)anthracene	U		0.000122	0.00125	1.25	05/28/2019 02:36	WG1286400
Benzo(b)fluoranthene	U		0.000112	0.00125	1.25	05/28/2019 02:36	WG1286400
Benzo(k)fluoranthene	U		0.000444	0.00125	1.25	05/28/2019 02:36	WG1286400
Benzo(g,h,i)perylene	U		0.000201	0.00125	1.25	05/28/2019 02:36	WG1286400
Benzo(a)pyrene	U		0.000425	0.00125	1.25	05/28/2019 02:36	WG1286400
Bis(2-chlorethoxy)methane	U		0.000411	0.0125	1.25	05/28/2019 02:36	WG1286400
Bis(2-chloroethyl)ether	U		0.00202	0.0125	1.25	05/28/2019 02:36	WG1286400
Bis(2-chloroisopropyl)ether	U		0.000556	0.0125	1.25	05/28/2019 02:36	WG1286400
4-Bromophenyl-phenylether	U		0.000419	0.0125	1.25	05/28/2019 02:36	WG1286400
2-Chloronaphthalene	U		0.000413	0.00125	1.25	05/28/2019 02:36	WG1286400
4-Chlorophenyl-phenylether	U		0.000379	0.0125	1.25	05/28/2019 02:36	WG1286400
Chrysene	U		0.000415	0.00125	1.25	05/28/2019 02:36	WG1286400
Dibenz(a,h)anthracene	U		0.000349	0.00125	1.25	05/28/2019 02:36	WG1286400
3,3-Dichlorobenzidine	U		0.00253	0.0125	1.25	05/28/2019 02:36	WG1286400
2,4-Dinitrotoluene	U		0.00206	0.0125	1.25	05/28/2019 02:36	WG1286400
2,6-Dinitrotoluene	U		0.000349	0.0125	1.25	05/28/2019 02:36	WG1286400
Fluoranthene	U		0.000388	0.00125	1.25	05/28/2019 02:36	WG1286400
Fluorene	U		0.000404	0.00125	1.25	05/28/2019 02:36	WG1286400
Hexachlorobenzene	U		0.000426	0.00125	1.25	05/28/2019 02:36	WG1286400
Hexachloro-1,3-butadiene	U		0.000411	0.0125	1.25	05/28/2019 02:36	WG1286400
Hexachlorocyclopentadiene	U	J0	0.00291	0.0125	1.25	05/28/2019 02:36	WG1286400
Hexachloroethane	U		0.000456	0.0125	1.25	05/28/2019 02:36	WG1286400
Indeno(1,2,3-cd)pyrene	U		0.000349	0.00125	1.25	05/28/2019 02:36	WG1286400
Isophorone	U		0.000340	0.0125	1.25	05/28/2019 02:36	WG1286400

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Naphthalene	U		0.000465	0.00125	1.25	05/28/2019 02:36	WG1286400
Nitrobenzene	U		0.000459	0.0125	1.25	05/28/2019 02:36	WG1286400
n-Nitrosodimethylamine	U		0.00158	0.0125	1.25	05/28/2019 02:36	WG1286400
n-Nitrosodiphenylamine	U		0.00149	0.0125	1.25	05/28/2019 02:36	WG1286400
n-Nitrosodi-n-propylamine	U		0.000504	0.0125	1.25	05/28/2019 02:36	WG1286400
Phenanthrene	U		0.000458	0.00125	1.25	05/28/2019 02:36	WG1286400
Benzylbutyl phthalate	U		0.000344	0.00375	1.25	05/28/2019 02:36	WG1286400
Bis(2-ethylhexyl)phthalate	U		0.000886	0.00375	1.25	05/28/2019 02:36	WG1286400
Di-n-butyl phthalate	U		0.000333	0.00375	1.25	05/28/2019 02:36	WG1286400
Diethyl phthalate	U		0.000353	0.00375	1.25	05/28/2019 02:36	WG1286400
Dimethyl phthalate	U		0.000354	0.00375	1.25	05/28/2019 02:36	WG1286400
Di-n-octyl phthalate	U		0.000347	0.00375	1.25	05/28/2019 02:36	WG1286400
Pyrene	U		0.000413	0.00125	1.25	05/28/2019 02:36	WG1286400
1,2,4-Trichlorobenzene	U		0.000444	0.0125	1.25	05/28/2019 02:36	WG1286400
4-Chloro-3-methylphenol	U		0.000329	0.0125	1.25	05/28/2019 02:36	WG1286400
2-Chlorophenol	U		0.000354	0.0125	1.25	05/28/2019 02:36	WG1286400
2,4-Dichlorophenol	U		0.000355	0.0125	1.25	05/28/2019 02:36	WG1286400
2,4-Dimethylphenol	U		0.000330	0.0125	1.25	05/28/2019 02:36	WG1286400
4,6-Dinitro-2-methylphenol	U		0.00328	0.0125	1.25	05/28/2019 02:36	WG1286400
2,4-Dinitrophenol	U		0.00406	0.0125	1.25	05/28/2019 02:36	WG1286400
2-Nitrophenol	U		0.000400	0.0125	1.25	05/28/2019 02:36	WG1286400
4-Nitrophenol	U		0.00251	0.0125	1.25	05/28/2019 02:36	WG1286400
Pentachlorophenol	U		0.000391	0.0125	1.25	05/28/2019 02:36	WG1286400
Phenol	U		0.000418	0.0125	1.25	05/28/2019 02:36	WG1286400
2,4,6-Trichlorophenol	U		0.000371	0.0125	1.25	05/28/2019 02:36	WG1286400
(S) 2-Fluorophenol	*30.4*			*10.0-120*		*05/28/2019 02:36*	WG1286400
(S) Phenol-d5	*21.0*			*10.0-120*		*05/28/2019 02:36*	WG1286400
(S) Nitrobenzene-d5	*52.5*			*10.0-127*		*05/28/2019 02:36*	WG1286400
(S) 2-Fluorobiphenyl	*37.9*			*10.0-130*		*05/28/2019 02:36*	WG1286400
(S) 2,4,6-Tribromophenol	*64.8*			*10.0-155*		*05/28/2019 02:36*	WG1286400
(S) p-Terphenyl-d14	*64.4*			*10.0-128*		*05/28/2019 02:36*	WG1286400

Method Blank (MB)

(MB) R3417157-1 05/31/19 10:41

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1102111-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1102111-01 05/31/19 10:41 • (DUP) R3417157-3 05/31/19 10:41

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.8	84.9	1	0.0901		10

Laboratory Control Sample (LCS)

(LCS) R3417157-2 05/31/19 10:41

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3417155-1 05/31/19 10:30

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1102111-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1102111-09 05/31/19 10:30 • (DUP) R3417155-3 05/31/19 10:30

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	87.1	86.9	1	0.162		10

Laboratory Control Sample (LCS)

(LCS) R3417155-2 05/31/19 10:30

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3417152-1 05/31/19 10:18

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1102111-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1102111-19 05/31/19 10:18 • (DUP) R3417152-3 05/31/19 10:18

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.2	86.3	1	1.38		10

Laboratory Control Sample (LCS)

(LCS) R3417152-2 05/31/19 10:18

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3417151-1 05/31/19 10:06

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1102314-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1102314-03 05/31/19 10:06 • (DUP) R3417151-3 05/31/19 10:06

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	87.9	86.7	1	1.47		10

Laboratory Control Sample (LCS)

(LCS) R3417151-2 05/31/19 10:06

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3415150-2 05/26/19 14:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Aldrin	U		0.00000813	0.0000500
Alpha BHC	U		0.0000166	0.0000500
Beta BHC	U		0.0000184	0.0000500
Delta BHC	U		0.0000197	0.0000500
Gamma BHC	U		0.0000176	0.0000500
4,4-DDD	U		0.0000170	0.0000500
4,4-DDE	U		0.0000164	0.0000500
4,4-DDT	U		0.0000177	0.0000500
Dieldrin	U		0.00000751	0.0000500
Endosulfan I	U		0.0000179	0.0000500
Endosulfan II	U		0.0000176	0.0000500
Endosulfan sulfate	U		0.0000196	0.0000500
Endrin	U		0.0000189	0.0000500
Endrin aldehyde	U		0.0000142	0.0000500
Endrin ketone	U		0.0000170	0.0000500
Heptachlor	U		0.0000108	0.0000500
Heptachlor epoxide	U		0.0000175	0.0000500
Hexachlorobenzene	U		0.0000134	0.0000500
Methoxychlor	U		0.0000193	0.0000500
Chlordane	U		0.0000977	0.000500
Toxaphene	U		0.000168	0.000500
(S) Decachlorobiphenyl	*105*			*10.0-128*
(S) Tetrachloro-m-xylene	*76.6*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3415150-1 05/26/19 14:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.00100	0.000661	66.1	22.0-124	
Alpha BHC	0.00100	0.000702	70.2	54.0-130	
Beta BHC	0.00100	0.000838	83.8	53.0-136	
Delta BHC	0.00100	0.000763	76.3	54.0-133	
Gamma BHC	0.00100	0.000722	72.2	55.0-129	
4,4-DDD	0.00100	0.000785	78.5	56.0-140	
4,4-DDE	0.00100	0.000774	77.4	52.0-128	
4,4-DDT	0.00100	0.000801	80.1	50.0-141	
Dieldrin	0.00100	0.000888	88.8	59.0-133	
Endosulfan I	0.00100	0.000885	88.5	57.0-131	

Laboratory Control Sample (LCS)

(LCS) R3415150-1 05/26/19 14:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.00100	0.000788	78.8	58.0-133	
Endosulfan sulfate	0.00100	0.000820	82.0	58.0-133	
Endrin	0.00100	0.000774	77.4	57.0-134	
Endrin aldehyde	0.00100	0.000841	84.1	53.0-129	
Endrin ketone	0.00100	0.000939	93.9	60.0-145	
Heptachlor	0.00100	0.000752	75.2	27.0-132	
Heptachlor epoxide	0.00100	0.000885	88.5	57.0-130	
Hexachlorobenzene	0.00100	0.000627	62.7	30.0-114	
Methoxychlor	0.00100	0.000847	84.7	54.0-155	
(S) Decachlorobiphenyl			*104*	*10.0-128*	
(S) Tetrachloro-m-xylene			*70.1*	*10.0-127*	

L1100999-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1100999-01 05/26/19 14:25 • (MS) R3415150-3 05/26/19 14:37 • (MSD) R3415150-4 05/26/19 14:50

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.00100	U	0.000704	0.000625	70.4	62.5	1	10.0-141			11.9	40
Alpha BHC	0.00100	U	0.000739	0.000728	73.9	72.8	1	10.0-145			1.50	40
Beta BHC	0.00100	U	0.000956	0.000907	95.6	90.7	1	14.0-146			5.26	35
Delta BHC	0.00100	U	0.000884	0.000844	88.4	84.4	1	17.0-143			4.63	38
Gamma BHC	0.00100	U	0.000804	0.000781	80.4	78.1	1	14.0-141			2.90	40
4,4-DDD	0.00100	U	0.000948	0.000950	94.8	95.0	1	10.0-160			0.211	38
4,4-DDE	0.00100	U	0.000868	0.000850	86.8	85.0	1	10.0-159			2.10	35
4,4-DDT	0.00100	U	0.000936	0.000908	93.6	90.8	1	10.0-160			3.04	38
Dieldrin	0.00100	0.000497	0.00143	0.00141	93.3	91.3	1	10.0-158			1.41	38
Endosulfan I	0.00100	U	0.00106	0.00101	106	101	1	10.0-153			4.83	36
Endosulfan II	0.00100	U	0.000946	0.000907	94.6	90.7	1	10.0-159			4.21	39
Endosulfan sulfate	0.00100	U	0.000962	0.000922	96.2	92.2	1	23.0-147			4.25	35
Endrin	0.00100	U	0.000948	0.000900	94.8	90.0	1	10.0-160			5.19	39
Endrin aldehyde	0.00100	U	0.000963	0.000903	96.3	90.3	1	10.0-148			6.43	38
Endrin ketone	0.00100	0.0000775	0.00112	0.00108	104	100	1	10.0-160			3.64	40
Heptachlor	0.00100	U	0.000811	0.000786	81.1	78.6	1	16.0-136			3.13	40
Heptachlor epoxide	0.00100	U	0.00105	0.00101	105	101	1	10.0-160			3.88	36
Hexachlorobenzene	0.00100	U	0.000667	0.000630	66.7	63.0	1	10.0-130			5.71	40
Methoxychlor	0.00100	U	0.00102	0.000977	102	97.7	1	10.0-160			4.31	34
(S) Decachlorobiphenyl					*109*	*110*		*10.0-128*				
(S) Tetrachloro-m-xylene					*76.9*	*69.1*		*10.0-127*				

Method Blank (MB)

(MB) R3417068-2 06/02/19 18:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00135	0.0200
Alpha BHC	U		0.00136	0.0200
Beta BHC	U		0.00160	0.0200
Delta BHC	U		0.00143	0.0200
Gamma BHC	U		0.00145	0.0200
4,4-DDD	U		0.00156	0.0200
4,4-DDE	U		0.00154	0.0200
4,4-DDT	U		0.00200	0.0200
Dieldrin	U		0.00152	0.0200
Endosulfan I	U		0.00149	0.0200
Endosulfan II	U		0.00160	0.0200
Endosulfan sulfate	U		0.00151	0.0200
Endrin	U		0.00157	0.0200
Endrin aldehyde	U		0.00129	0.0200
Endrin ketone	U		0.00165	0.0200
Heptachlor	U		0.00154	0.0200
Heptachlor epoxide	U		0.00161	0.0200
Hexachlorobenzene	U		0.00124	0.0200
Methoxychlor	U		0.00178	0.0200
Chlordane	U		0.0390	0.200
Toxaphene	U		0.0360	0.400
(S) Decachlorobiphenyl	*94.7*			*10.0-135*
(S) Tetrachloro-m-xylene	*64.3*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3417068-1 06/02/19 18:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0518	77.8	34.0-136	
Alpha BHC	0.0666	0.0537	80.6	34.0-139	
Beta BHC	0.0666	0.0587	88.1	34.0-133	
Delta BHC	0.0666	0.0517	77.6	34.0-135	
Gamma BHC	0.0666	0.0530	79.6	34.0-136	
4,4-DDD	0.0666	0.0526	79.0	33.0-141	
4,4-DDE	0.0666	0.0540	81.1	34.0-134	
4,4-DDT	0.0666	0.0539	80.9	30.0-143	
Dieldrin	0.0666	0.0604	90.7	35.0-137	
Endosulfan I	0.0666	0.0615	92.3	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3417068-1 06/02/19 18:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0529	79.4	35.0-132	
Endosulfan sulfate	0.0666	0.0549	82.4	35.0-132	
Endrin	0.0666	0.0532	79.9	34.0-137	
Endrin aldehyde	0.0666	0.0534	80.2	23.0-121	
Endrin ketone	0.0666	0.0620	93.1	35.0-144	
Heptachlor	0.0666	0.0589	88.4	36.0-141	
Heptachlor epoxide	0.0666	0.0614	92.2	36.0-134	
Hexachlorobenzene	0.0666	0.0543	81.5	33.0-129	
Methoxychlor	0.0666	0.0546	82.0	28.0-150	
(S) Decachlorobiphenyl			*110*	*10.0-135*	
(S) Tetrachloro-m-xylene			*77.8*	*10.0-139*	

L1102111-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102111-09 06/02/19 19:25 • (MS) R3417068-3 06/02/19 19:37 • (MSD) R3417068-4 06/02/19 19:49

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0727	U	0.0488	0.0456	67.1	62.7	1	20.0-135			6.81	37
Alpha BHC	0.0727	U	0.0514	0.0505	70.8	69.5	1	27.0-140			1.80	35
Beta BHC	0.0727	U	0.0563	0.0558	77.4	76.8	1	23.0-141			0.820	37
Delta BHC	0.0727	U	0.0483	0.0487	66.5	67.0	1	21.0-138			0.710	35
Gamma BHC	0.0727	U	0.0509	0.0498	70.0	68.6	1	27.0-137			2.05	36
4,4-DDD	0.0727	U	0.0500	0.0465	68.7	64.0	1	15.0-152			7.14	39
4,4-DDE	0.0727	U	0.0510	0.0470	70.1	64.6	1	10.0-152			8.21	40
4,4-DDT	0.0727	U	0.0509	0.0465	70.0	64.0	1	10.0-151			8.96	40
Dieldrin	0.0727	U	0.0573	0.0544	78.8	74.9	1	17.0-145			5.14	37
Endosulfan I	0.0727	U	0.0587	0.0556	80.7	76.5	1	20.0-137			5.43	36
Endosulfan II	0.0727	U	0.0517	0.0489	71.1	67.3	1	15.0-141			5.48	37
Endosulfan sulfate	0.0727	U	0.0526	0.0511	72.4	70.3	1	15.0-143			2.88	38
Endrin	0.0727	U	0.0520	0.0482	71.6	66.4	1	19.0-143			7.56	37
Endrin aldehyde	0.0727	U	0.0537	0.0520	73.9	71.6	1	10.0-139			3.26	40
Endrin ketone	0.0727	U	0.0595	0.0583	81.8	80.3	1	17.0-149			1.95	38
Heptachlor	0.0727	U	0.0552	0.0527	76.0	72.5	1	22.0-138			4.68	37
Heptachlor epoxide	0.0727	U	0.0578	0.0556	79.5	76.5	1	22.0-138			3.85	36
Hexachlorobenzene	0.0727	U	0.0523	0.0504	71.9	69.4	1	25.0-126			3.58	35
Methoxychlor	0.0727	U	0.0514	0.0477	70.8	65.6	1	10.0-159			7.65	40
(S) Decachlorobiphenyl					*102*	*93.7*		*10.0-135*				
(S) Tetrachloro-m-xylene					*71.2*	*68.7*		*10.0-139*				

Method Blank (MB)

(MB) R3417187-2 06/03/19 08:53

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00135	0.0200
Alpha BHC	U		0.00136	0.0200
Beta BHC	U		0.00160	0.0200
Delta BHC	U		0.00143	0.0200
Gamma BHC	U		0.00145	0.0200
4,4-DDD	U		0.00156	0.0200
4,4-DDE	U		0.00154	0.0200
4,4-DDT	U		0.00200	0.0200
Dieldrin	U		0.00152	0.0200
Endosulfan I	U		0.00149	0.0200
Endosulfan II	U		0.00160	0.0200
Endosulfan sulfate	U		0.00151	0.0200
Endrin	U		0.00157	0.0200
Endrin aldehyde	U		0.00129	0.0200
Endrin ketone	U		0.00165	0.0200
Heptachlor	U		0.00154	0.0200
Heptachlor epoxide	U		0.00161	0.0200
Hexachlorobenzene	U		0.00124	0.0200
Methoxychlor	U		0.00178	0.0200
Chlordane	U		0.0390	0.200
Toxaphene	U		0.0360	0.400
(S) Decachlorobiphenyl	*75.5*			*10.0-135*
(S) Tetrachloro-m-xylene	*84.4*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3417187-1 06/03/19 08:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0344	51.7	34.0-136	
Alpha BHC	0.0666	0.0349	52.4	34.0-139	
Beta BHC	0.0666	0.0319	47.9	34.0-133	
Delta BHC	0.0666	0.0337	50.6	34.0-135	
Gamma BHC	0.0666	0.0336	50.5	34.0-136	
4,4-DDD	0.0666	0.0335	50.3	33.0-141	
4,4-DDE	0.0666	0.0335	50.3	34.0-134	
4,4-DDT	0.0666	0.0407	61.1	30.0-143	
Dieldrin	0.0666	0.0339	50.9	35.0-137	
Endosulfan I	0.0666	0.0330	49.5	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3417187-1 06/03/19 08:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0313	47.0	35.0-132	
Endosulfan sulfate	0.0666	0.0353	53.0	35.0-132	
Endrin	0.0666	0.0339	50.9	34.0-137	
Endrin aldehyde	0.0666	0.0320	48.0	23.0-121	
Endrin ketone	0.0666	0.0430	64.6	35.0-144	
Heptachlor	0.0666	0.0374	56.2	36.0-141	
Heptachlor epoxide	0.0666	0.0341	51.2	36.0-134	
Hexachlorobenzene	0.0666	0.0315	47.3	33.0-129	
Methoxychlor	0.0666	0.0472	70.9	28.0-150	
(S) Decachlorobiphenyl			*53.9*	*10.0-135*	
(S) Tetrachloro-m-xylene			*61.1*	*10.0-139*	

L1102111-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102111-19 06/03/19 09:37 • (MS) R3417187-3 06/03/19 09:52 • (MSD) R3417187-4 06/03/19 10:06

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0782	U	0.0555	0.0601	71.0	76.9	1	20.0-135			7.92	37
Alpha BHC	0.0782	U	0.0640	0.0652	81.8	83.3	1	27.0-140			1.82	35
Beta BHC	0.0782	U	0.0577	0.0589	73.7	75.4	1	23.0-141			2.22	37
Delta BHC	0.0782	U	0.0628	0.0633	80.3	80.9	1	21.0-138			0.745	35
Gamma BHC	0.0782	U	0.0625	0.0635	79.9	81.2	1	27.0-137			1.68	36
4,4-DDD	0.0782	U	0.0560	0.0613	71.6	78.4	1	15.0-152			9.01	39
4,4-DDE	0.0782	U	0.0532	0.0579	68.0	74.0	1	10.0-152			8.46	40
4,4-DDT	0.0782	U	0.0613	0.0663	78.4	84.8	1	10.0-151			7.91	40
Dieldrin	0.0782	U	0.0571	0.0607	73.0	77.6	1	17.0-145			6.18	37
Endosulfan I	0.0782	U	0.0553	0.0587	70.7	75.1	1	20.0-137			5.97	36
Endosulfan II	0.0782	U	0.0544	0.0572	69.5	73.1	1	15.0-141			5.05	37
Endosulfan sulfate	0.0782	U	0.0626	0.0654	80.0	83.6	1	15.0-143			4.40	38
Endrin	0.0782	U	0.0561	0.0593	71.8	75.8	1	19.0-143			5.49	37
Endrin aldehyde	0.0782	U	0.0578	0.0601	73.9	76.9	1	10.0-139			3.98	40
Endrin ketone	0.0782	U	0.0749	0.0763	95.8	97.6	1	17.0-149			1.86	38
Heptachlor	0.0782	U	0.0608	0.0646	77.8	82.6	1	22.0-138			5.99	37
Heptachlor epoxide	0.0782	U	0.0572	0.0602	73.1	77.0	1	22.0-138			5.20	36
Hexachlorobenzene	0.0782	U	0.0519	0.0542	66.4	69.4	1	25.0-126			4.42	35
Methoxychlor	0.0782	U	0.0727	0.0801	92.9	102	1	10.0-159			9.68	40
(S) Decachlorobiphenyl					*57.4*	*61.0*		*10.0-135*				
(S) Tetrachloro-m-xylene					*69.1*	*70.1*		*10.0-139*				

Method Blank (MB)

(MB) R3415557-2 05/27/19 22:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000316	0.00100
Acenaphthylene	U		0.000309	0.00100
Anthracene	U		0.000291	0.00100
Benzidine	U		0.00432	0.0100
Benzo(a)anthracene	U		0.0000975	0.00100
Benzo(b)fluoranthene	U		0.0000896	0.00100
Benzo(k)fluoranthene	U		0.000355	0.00100
Benzo(g,h,i)perylene	U		0.000161	0.00100
Benzo(a)pyrene	U		0.000340	0.00100
Bis(2-chlorethoxy)methane	U		0.000329	0.0100
Bis(2-chloroethyl)ether	U		0.00162	0.0100
Bis(2-chloroisopropyl)ether	U		0.000445	0.0100
4-Bromophenyl-phenylether	U		0.000335	0.0100
2-Chloronaphthalene	U		0.000330	0.00100
4-Chlorophenyl-phenylether	U		0.000303	0.0100
Chrysene	U		0.000332	0.00100
Dibenz(a,h)anthracene	U		0.000279	0.00100
3,3-Dichlorobenzidine	U		0.00202	0.0100
2,4-Dinitrotoluene	U		0.00165	0.0100
2,6-Dinitrotoluene	U		0.000279	0.0100
Fluoranthene	U		0.000310	0.00100
Fluorene	U		0.000323	0.00100
Hexachlorobenzene	U		0.000341	0.00100
Hexachloro-1,3-butadiene	U		0.000329	0.0100
Hexachlorocyclopentadiene	U		0.00233	0.0100
Hexachloroethane	U		0.000365	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000272	0.0100
Naphthalene	U		0.000372	0.00100
Nitrobenzene	U		0.000367	0.0100
n-Nitrosodimethylamine	U		0.00126	0.0100
n-Nitrosodiphenylamine	U		0.00119	0.0100
n-Nitrosodi-n-propylamine	U		0.000403	0.0100
Phenanthrene	U		0.000366	0.00100
Benzylbutyl phthalate	U		0.000275	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000709	0.00300
Di-n-butyl phthalate	U		0.000266	0.00300
Diethyl phthalate	U		0.000282	0.00300
Dimethyl phthalate	U		0.000283	0.00300
Di-n-octyl phthalate	U		0.000278	0.00300

Method Blank (MB)

(MB) R3415557-2 05/27/19 22:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Pyrene	U		0.000330	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.0100
4-Chloro-3-methylphenol	U		0.000263	0.0100
2-Chlorophenol	U		0.000283	0.0100
2,4-Dichlorophenol	U		0.000284	0.0100
2,4-Dimethylphenol	U		0.000264	0.0100
4,6-Dinitro-2-methylphenol	U		0.00262	0.0100
2,4-Dinitrophenol	U		0.00325	0.0100
2-Nitrophenol	U		0.000320	0.0100
4-Nitrophenol	U		0.00201	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.000334	0.0100
2,4,6-Trichlorophenol	U		0.000297	0.0100
(S) Nitrobenzene-d5	*54.8*			*10.0-127*
(S) 2-Fluorobiphenyl	*35.5*			*10.0-130*
(S) p-Terphenyl-d14	*61.6*			*10.0-128*
(S) Phenol-d5	*18.5*			*10.0-120*
(S) 2-Fluorophenol	*29.6*			*10.0-120*
(S) 2,4,6-Tribromophenol	*55.5*			*10.0-155*

Laboratory Control Sample (LCS)

(LCS) R3415557-1 05/27/19 21:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0500	0.0304	60.8	41.0-120	
Acenaphthylene	0.0500	0.0315	63.0	43.0-120	
Anthracene	0.0500	0.0334	66.8	45.0-120	
Benzidine	0.100	ND	0.000	1.00-120	J4
Benzo(a)anthracene	0.0500	0.0374	74.8	47.0-120	
Benzo(b)fluoranthene	0.0500	0.0353	70.6	46.0-120	
Benzo(k)fluoranthene	0.0500	0.0355	71.0	46.0-120	
Benzo(g,h,i)perylene	0.0500	0.0347	69.4	48.0-121	
Benzo(a)pyrene	0.0500	0.0359	71.8	47.0-120	
Bis(2-chlorethoxy)methane	0.0500	0.0299	59.8	33.0-120	
Bis(2-chloroethyl)ether	0.0500	0.0315	63.0	23.0-120	
Bis(2-chloroisopropyl)ether	0.0500	0.0290	58.0	28.0-120	
4-Bromophenyl-phenylether	0.0500	0.0340	68.0	45.0-120	
2-Chloronaphthalene	0.0500	0.0287	57.4	37.0-120	

Laboratory Control Sample (LCS)

(LCS) R3415557-1 05/27/19 21:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Chlorophenyl-phenylether	0.0500	0.0353	70.6	44.0-120	
Chrysene	0.0500	0.0339	67.8	48.0-120	
Dibenz(a,h)anthracene	0.0500	0.0365	73.0	47.0-120	
3,3-Dichlorobenzidine	0.100	0.0627	62.7	44.0-120	
2,4-Dinitrotoluene	0.0500	0.0390	78.0	49.0-124	
2,6-Dinitrotoluene	0.0500	0.0369	73.8	46.0-120	
Fluoranthene	0.0500	0.0357	71.4	51.0-120	
Fluorene	0.0500	0.0347	69.4	47.0-120	
Hexachlorobenzene	0.0500	0.0346	69.2	44.0-120	
Hexachloro-1,3-butadiene	0.0500	0.0175	35.0	19.0-120	
Hexachlorocyclopentadiene	0.0500	0.0242	48.4	15.0-120	
Hexachloroethane	0.0500	0.0175	35.0	15.0-120	
Indeno(1,2,3-cd)pyrene	0.0500	0.0361	72.2	49.0-122	
Isophorone	0.0500	0.0302	60.4	36.0-120	
Naphthalene	0.0500	0.0233	46.6	27.0-120	
Nitrobenzene	0.0500	0.0302	60.4	27.0-120	
n-Nitrosodimethylamine	0.0500	0.0175	35.0	10.0-120	
n-Nitrosodiphenylamine	0.0500	0.0315	63.0	47.0-120	
n-Nitrosodi-n-propylamine	0.0500	0.0341	68.2	31.0-120	
Phenanthrene	0.0500	0.0322	64.4	46.0-120	
Benzylbutyl phthalate	0.0500	0.0369	73.8	43.0-121	
Bis(2-ethylhexyl)phthalate	0.0500	0.0372	74.4	43.0-122	
Di-n-butyl phthalate	0.0500	0.0378	75.6	49.0-121	
Diethyl phthalate	0.0500	0.0386	77.2	48.0-122	
Dimethyl phthalate	0.0500	0.0358	71.6	48.0-120	
Di-n-octyl phthalate	0.0500	0.0386	77.2	42.0-125	
Pyrene	0.0500	0.0326	65.2	47.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0216	43.2	24.0-120	
4-Chloro-3-methylphenol	0.0500	0.0312	62.4	40.0-120	
2-Chlorophenol	0.0500	0.0276	55.2	25.0-120	
2,4-Dichlorophenol	0.0500	0.0290	58.0	36.0-120	
2,4-Dimethylphenol	0.0500	0.0275	55.0	33.0-120	
4,6-Dinitro-2-methylphenol	0.0500	0.0458	91.6	38.0-138	
2,4-Dinitrophenol	0.0500	0.0471	94.2	10.0-120	
2-Nitrophenol	0.0500	0.0320	64.0	31.0-120	
4-Nitrophenol	0.0500	0.0163	32.6	10.0-120	
Pentachlorophenol	0.0500	0.0371	74.2	23.0-120	
Phenol	0.0500	0.0119	23.8	10.0-120	
2,4,6-Trichlorophenol	0.0500	0.0336	67.2	42.0-120	
(S) Nitrobenzene-d5			*46.3*	*10.0-127*	

Laboratory Control Sample (LCS)

(LCS) R3415557-1 05/27/19 21:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) 2-Fluorobiphenyl			*50.3*	*10.0-130*	
(S) p-Terphenyl-d14			*57.7*	*10.0-128*	
(S) Phenol-d5			*18.6*	*10.0-120*	
(S) 2-Fluorophenol			*31.7*	*10.0-120*	
(S) 2,4,6-Tribromophenol			*65.5*	*10.0-155*	

L1102115-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-47 05/27/19 22:34 • (MS) R3415557-3 05/27/19 22:54 • (MSD) R3415557-4 05/27/19 23:14

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0556	U	0.0283	0.0334	50.9	60.1	1.11	28.0-120			16.5	25
Acenaphthylene	0.0556	U	0.0293	0.0344	52.7	61.9	1.11	31.0-121			16.0	25
Anthracene	0.0556	U	0.0304	0.0367	54.7	66.0	1.11	36.0-120			18.8	23
Benzidine	0.111	U	ND	ND	0.000	0.000	1.11	1.00-120	J6	J6	0.000	37
Benzo(a)anthracene	0.0556	U	0.0342	0.0422	61.5	75.9	1.11	39.0-120			20.9	23
Benzo(b)fluoranthene	0.0556	U	0.0323	0.0392	58.1	70.5	1.11	37.0-120			19.3	23
Benzo(k)fluoranthene	0.0556	U	0.0322	0.0395	57.9	71.0	1.11	37.0-120			20.4	26
Benzo(g,h,i)perylene	0.0556	U	0.0317	0.0392	57.0	70.5	1.11	37.0-123			21.2	25
Benzo(a)pyrene	0.0556	U	0.0321	0.0394	57.7	70.9	1.11	37.0-120			20.4	24
Bis(2-chlorethoxy)methane	0.0556	U	0.0274	0.0324	49.3	58.3	1.11	17.0-120			16.7	31
Bis(2-chloroethyl)ether	0.0556	U	0.0275	0.0329	49.5	59.2	1.11	14.0-120			17.9	33
Bis(2-chloroisopropyl)ether	0.0556	U	0.0252	0.0304	45.3	54.7	1.11	18.0-120			18.7	34
4-Bromophenyl-phenylether	0.0556	U	0.0311	0.0382	55.9	68.7	1.11	37.0-120			20.5	24
2-Chloronaphthalene	0.0556	U	0.0258	0.0303	46.4	54.5	1.11	29.0-120			16.0	28
4-Chlorophenyl-phenylether	0.0556	U	0.0332	0.0394	59.7	70.9	1.11	36.0-120			17.1	23
Chrysene	0.0556	U	0.0314	0.0384	56.5	69.1	1.11	38.0-120			20.1	23
Dibenz(a,h)anthracene	0.0556	U	0.0335	0.0401	60.3	72.1	1.11	36.0-121			17.9	24
3,3-Dichlorobenzidine	0.111	U	0.0532	0.0613	47.9	55.2	1.11	10.0-134			14.1	30
2,4-Dinitrotoluene	0.0556	U	0.0376	0.0429	67.6	77.2	1.11	39.0-125			13.2	25
2,6-Dinitrotoluene	0.0556	U	0.0354	0.0418	63.7	75.2	1.11	36.0-120			16.6	27
Fluoranthene	0.0556	U	0.0335	0.0407	60.3	73.2	1.11	41.0-121			19.4	22
Fluorene	0.0556	U	0.0324	0.0382	58.3	68.7	1.11	37.0-120			16.4	24
Hexachlorobenzene	0.0556	U	0.0315	0.0385	56.7	69.2	1.11	35.0-122			20.0	24
Hexachloro-1,3-butadiene	0.0556	U	0.0153	0.0171	27.5	30.8	1.11	12.0-120			11.1	34
Hexachlorocyclopentadiene	0.0556	U	0.0214	0.0243	38.5	43.7	1.11	10.0-120			12.7	33
Hexachloroethane	0.0556	U	0.0150	0.0165	27.0	29.7	1.11	10.0-120			9.52	40
Indeno(1,2,3-cd)pyrene	0.0556	U	0.0328	0.0407	59.0	73.2	1.11	38.0-125			21.5	24
Isophorone	0.0556	U	0.0278	0.0329	50.0	59.2	1.11	21.0-120			16.8	27

L1102115-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-47 05/27/19 22:34 • (MS) R3415557-3 05/27/19 22:54 • (MSD) R3415557-4 05/27/19 23:14

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.0556	U	0.0212	0.0246	38.1	44.2	1.11	10.0-120			14.8	31
Nitrobenzene	0.0556	U	0.0263	0.0310	47.3	55.8	1.11	12.0-120			16.4	30
n-Nitrosodimethylamine	0.0556	U	0.0181	0.0208	32.6	37.4	1.11	10.0-120			13.9	40
n-Nitrosodiphenylamine	0.0556	U	0.0290	0.0350	52.2	62.9	1.11	37.0-120			18.8	24
n-Nitrosodi-n-propylamine	0.0556	U	0.0305	0.0367	54.9	66.0	1.11	16.0-120			18.5	30
Phenanthrene	0.0556	U	0.0305	0.0370	54.9	66.5	1.11	33.0-120			19.3	22
Benzylbutyl phthalate	0.0556	U	0.0337	0.0414	60.6	74.5	1.11	34.0-126			20.5	24
Bis(2-ethylhexyl)phthalate	0.0556	U	0.0330	0.0408	59.4	73.4	1.11	33.0-126			21.1	25
Di-n-butyl phthalate	0.0556	U	0.0349	0.0431	62.8	77.5	1.11	35.0-128			21.0	23
Diethyl phthalate	0.0556	U	0.0366	0.0436	65.8	78.4	1.11	39.0-125			17.5	24
Dimethyl phthalate	0.0556	U	0.0344	0.0396	61.9	71.2	1.11	37.0-120			14.1	24
Di-n-octyl phthalate	0.0556	U	0.0347	0.0425	62.4	76.4	1.11	25.0-135			20.2	26
Pyrene	0.0556	U	0.0294	0.0362	52.9	65.1	1.11	39.0-120			20.7	22
1,2,4-Trichlorobenzene	0.0556	U	0.0193	0.0213	34.7	38.3	1.11	15.0-120			9.85	31
4-Chloro-3-methylphenol	0.0556	U	0.0306	0.0360	55.0	64.7	1.11	26.0-120			16.2	27
2-Chlorophenol	0.0556	U	0.0251	0.0300	45.1	54.0	1.11	18.0-120			17.8	34
2,4-Dichlorophenol	0.0556	U	0.0267	0.0318	48.0	57.2	1.11	19.0-120			17.4	27
2,4-Dimethylphenol	0.0556	U	0.0256	0.0298	46.0	53.6	1.11	15.0-120			15.2	28
4,6-Dinitro-2-methylphenol	0.0556	U	0.0445	0.0515	80.0	92.6	1.11	10.0-144			14.6	39
2,4-Dinitrophenol	0.0556	U	0.0436	0.0518	78.4	93.2	1.11	10.0-120			17.2	40
2-Nitrophenol	0.0556	U	0.0283	0.0333	50.9	59.9	1.11	20.0-120			16.2	30
4-Nitrophenol	0.0556	U	0.0178	0.0197	32.0	35.4	1.11	10.0-120			10.1	40
Pentachlorophenol	0.0556	U	0.0344	0.0425	61.9	76.4	1.11	10.0-128			21.1	37
Phenol	0.0556	0.00602	0.0162	0.0144	18.3	15.1	1.11	10.0-120			11.8	40
2,4,6-Trichlorophenol	0.0556	U	0.0311	0.0363	55.9	65.3	1.11	26.0-120			15.4	31
(S) Nitrobenzene-d5					*43.4*	*44.7*		*10.0-127*				
(S) 2-Fluorobiphenyl					*41.8*	*44.8*		*10.0-130*				
(S) p-Terphenyl-d14					*46.9*	*58.4*		*10.0-128*				
(S) Phenol-d5					*18.7*	*19.9*		*10.0-120*				
(S) 2-Fluorophenol					*27.7*	*28.9*		*10.0-120*				
(S) 2,4,6-Tribromophenol					*53.6*	*62.6*		*10.0-155*				

Method Blank (MB)

(MB) R3417488-2 06/03/19 18:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00642	0.0333
Acenaphthylene	U		0.00671	0.0333
Anthracene	U		0.00632	0.0333
Benzidine	U		0.0637	0.333
Benzo(a)anthracene	U		0.00428	0.0333
Benzo(b)fluoranthene	U		0.00695	0.0333
Benzo(k)fluoranthene	U		0.00582	0.0333
Benzo(g,h,i)perylene	U		0.00721	0.0333
Benzo(a)pyrene	U		0.00548	0.0333
Bis(2-chlorethoxy)methane	U		0.00770	0.333
Bis(2-chloroethyl)ether	U		0.00896	0.333
Bis(2-chloroisopropyl)ether	U		0.00760	0.333
4-Bromophenyl-phenylether	U		0.0114	0.333
2-Chloronaphthalene	U		0.00639	0.0333
4-Chlorophenyl-phenylether	U		0.00627	0.333
Chrysene	U		0.00555	0.0333
Dibenz(a,h)anthracene	U		0.00821	0.0333
3,3-Dichlorobenzidine	U		0.0794	0.333
2,4-Dinitrotoluene	U		0.00607	0.333
2,6-Dinitrotoluene	U		0.00737	0.333
Fluoranthene	U		0.00496	0.0333
Fluorene	U		0.00682	0.0333
Hexachlorobenzene	U		0.00856	0.333
Hexachloro-1,3-butadiene	U		0.0100	0.333
Hexachlorocyclopentadiene	U		0.0587	0.333
Hexachloroethane	U		0.0134	0.333
Indeno(1,2,3-cd)pyrene	U		0.00772	0.0333
Isophorone	U		0.00522	0.333
Naphthalene	U		0.00889	0.0333
Nitrobenzene	U		0.00695	0.333
n-Nitrosodimethylamine	U		0.0647	0.333
n-Nitrosodiphenylamine	U		0.0900	0.333
n-Nitrosodi-n-propylamine	U		0.00906	0.333
Phenanthrene	U		0.00528	0.0333
Benzylbutyl phthalate	U		0.0103	0.333
Bis(2-ethylhexyl)phthalate	U		0.0120	0.333
Di-n-butyl phthalate	U		0.0109	0.333
Diethyl phthalate	U		0.00691	0.333
Dimethyl phthalate	U		0.00540	0.333
Di-n-octyl phthalate	U		0.00907	0.333

Method Blank (MB)

(MB) R3417488-2 06/03/19 18:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.0123	0.0333
1,2,4-Trichlorobenzene	U		0.00876	0.333
4-Chloro-3-methylphenol	U		0.00477	0.333
2-Chlorophenol	U		0.00831	0.333
2,4-Dichlorophenol	U		0.00746	0.333
2,4-Dimethylphenol	U		0.0471	0.333
4,6-Dinitro-2-methylphenol	U		0.124	0.333
2,4-Dinitrophenol	U		0.0980	0.333
2-Nitrophenol	U		0.0130	0.333
4-Nitrophenol	U		0.0525	0.333
Pentachlorophenol	U		0.0480	0.333
Phenol	U		0.00695	0.333
2,4,6-Trichlorophenol	U		0.00779	0.333
(S) Nitrobenzene-d5	*68.2*			*10.0-122*
(S) 2-Fluorobiphenyl	*81.1*			*15.0-120*
(S) p-Terphenyl-d14	*94.6*			*10.0-120*
(S) Phenol-d5	*85.9*			*10.0-120*
(S) 2-Fluorophenol	*96.8*			*12.0-120*
(S) 2,4,6-Tribromophenol	*79.9*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3417488-1 06/03/19 18:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.471	70.7	38.0-120	
Acenaphthylene	0.666	0.511	76.7	40.0-120	
Anthracene	0.666	0.482	72.4	42.0-120	
Benzidine	1.33	0.214	16.1	1.00-120	
Benzo(a)anthracene	0.666	0.556	83.5	44.0-120	
Benzo(b)fluoranthene	0.666	0.515	77.3	43.0-120	
Benzo(k)fluoranthene	0.666	0.512	76.9	44.0-120	
Benzo(g,h,i)perylene	0.666	0.489	73.4	43.0-120	
Benzo(a)pyrene	0.666	0.525	78.8	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.347	52.1	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.434	65.2	16.0-120	
Bis(2-chloroisopropyl)ether	0.666	0.428	64.3	23.0-120	
4-Bromophenyl-phenylether	0.666	0.448	67.3	40.0-120	
2-Chloronaphthalene	0.666	0.459	68.9	35.0-120	

Laboratory Control Sample (LCS)

(LCS) R3417488-1 06/03/19 18:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Chlorophenyl-phenylether	0.666	0.466	70.0	40.0-120	
Chrysene	0.666	0.475	71.3	43.0-120	
Dibenz(a,h)anthracene	0.666	0.493	74.0	44.0-120	
3,3-Dichlorobenzidine	1.33	0.924	69.5	28.0-120	
2,4-Dinitrotoluene	0.666	0.504	75.7	45.0-120	
2,6-Dinitrotoluene	0.666	0.525	78.8	42.0-120	
Fluoranthene	0.666	0.471	70.7	44.0-120	
Fluorene	0.666	0.484	72.7	41.0-120	
Hexachlorobenzene	0.666	0.456	68.5	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.338	50.8	15.0-120	
Hexachlorocyclopentadiene	0.666	0.449	67.4	15.0-120	
Hexachloroethane	0.666	0.414	62.2	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.508	76.3	45.0-120	
Isophorone	0.666	0.364	54.7	23.0-120	
Naphthalene	0.666	0.392	58.9	18.0-120	
Nitrobenzene	0.666	0.347	52.1	17.0-120	
n-Nitrosodimethylamine	0.666	0.359	53.9	10.0-125	
n-Nitrosodiphenylamine	0.666	0.487	73.1	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.417	62.6	26.0-120	
Phenanthrene	0.666	0.470	70.6	42.0-120	
Benzylbutyl phthalate	0.666	0.620	93.1	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.609	91.4	41.0-120	
Di-n-butyl phthalate	0.666	0.543	81.5	43.0-120	
Diethyl phthalate	0.666	0.520	78.1	43.0-120	
Dimethyl phthalate	0.666	0.491	73.7	43.0-120	
Di-n-octyl phthalate	0.666	0.590	88.6	40.0-120	
Pyrene	0.666	0.532	79.9	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.361	54.2	17.0-120	
4-Chloro-3-methylphenol	0.666	0.443	66.5	28.0-120	
2-Chlorophenol	0.666	0.527	79.1	28.0-120	
2,4-Dichlorophenol	0.666	0.430	64.6	25.0-120	
2,4-Dimethylphenol	0.666	0.417	62.6	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.504	75.7	16.0-120	
2,4-Dinitrophenol	0.666	0.391	58.7	10.0-120	
2-Nitrophenol	0.666	0.475	71.3	20.0-120	
4-Nitrophenol	0.666	0.535	80.3	27.0-120	
Pentachlorophenol	0.666	0.455	68.3	29.0-120	
Phenol	0.666	0.497	74.6	28.0-120	
2,4,6-Trichlorophenol	0.666	0.538	80.8	37.0-120	
(S) Nitrobenzene-d5			*55.6*	*10.0-122*	

Laboratory Control Sample (LCS)

(LCS) R3417488-1 06/03/19 18:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) 2-Fluorobiphenyl			*71.8*	*15.0-120*	
(S) p-Terphenyl-d14			*77.8*	*10.0-120*	
(S) Phenol-d5			*75.1*	*10.0-120*	
(S) 2-Fluorophenol			*86.2*	*12.0-120*	
(S) 2,4,6-Tribromophenol			*76.1*	*10.0-127*	

L1102111-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102111-09 06/03/19 20:43 • (MS) R3417488-3 06/03/19 21:02 • (MSD) R3417488-4 06/03/19 21:21

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.765	U	0.420	0.469	55.0	61.3	1	18.0-120			10.9	32
Acenaphthylene	0.765	U	0.450	0.505	58.9	66.1	1	25.0-120			11.5	32
Anthracene	0.765	U	0.482	0.487	63.1	63.7	1	22.0-120			0.948	29
Benzidine	1.53	U	0.519	0.547	34.0	35.8	1	1.00-120			5.17	40
Benzo(a)anthracene	0.765	U	0.566	0.565	74.0	73.9	1	25.0-120			0.203	29
Benzo(b)fluoranthene	0.765	U	0.543	0.514	71.0	67.3	1	19.0-122			5.43	31
Benzo(k)fluoranthene	0.765	U	0.524	0.501	68.5	65.5	1	23.0-120			4.48	30
Benzo(g,h,i)perylene	0.765	U	0.517	0.497	67.6	65.0	1	10.0-120			3.85	33
Benzo(a)pyrene	0.765	U	0.547	0.528	71.5	69.1	1	24.0-120			3.42	30
Bis(2-chlorethoxy)methane	0.765	U	0.309	0.353	40.4	46.1	1	10.0-120			13.2	34
Bis(2-chloroethyl)ether	0.765	U	0.357	0.441	46.7	57.7	1	10.0-120			21.0	40
Bis(2-chloroisopropyl)ether	0.765	U	0.349	0.418	45.6	54.7	1	10.0-120			18.0	40
4-Bromophenyl-phenylether	0.765	U	0.432	0.444	56.5	58.1	1	27.0-120			2.88	30
2-Chloronaphthalene	0.765	U	0.389	0.450	50.9	58.9	1	20.0-120			14.5	32
4-Chlorophenyl-phenylether	0.765	U	0.432	0.462	56.5	60.4	1	24.0-120			6.68	29
Chrysene	0.765	U	0.479	0.482	62.6	63.1	1	21.0-120			0.717	29
Dibenz(a,h)anthracene	0.765	U	0.517	0.502	67.6	65.6	1	10.0-120			2.93	32
3,3-Dichlorobenzidine	1.53	U	1.01	1.01	66.4	66.4	1	10.0-120			0.000	34
2,4-Dinitrotoluene	0.765	U	0.493	0.521	64.4	68.2	1	30.0-120			5.66	31
2,6-Dinitrotoluene	0.765	U	0.489	0.523	64.0	68.3	1	25.0-120			6.58	31
Fluoranthene	0.765	U	0.492	0.487	64.3	63.7	1	18.0-126			0.939	32
Fluorene	0.765	U	0.447	0.475	58.4	62.2	1	25.0-120			6.23	30
Hexachlorobenzene	0.765	U	0.450	0.461	58.9	60.2	1	27.0-120			2.27	28
Hexachloro-1,3-butadiene	0.765	U	0.302	0.351	39.5	45.9	1	10.0-120			15.1	38
Hexachlorocyclopentadiene	0.765	U	0.323	0.408	42.2	53.3	1	10.0-120			23.3	40
Hexachloroethane	0.765	U	0.339	0.401	44.3	52.4	1	10.0-120			16.8	40
Indeno(1,2,3-cd)pyrene	0.765	U	0.526	0.513	68.8	67.1	1	10.0-120			2.43	32
Isophorone	0.765	U	0.328	0.374	42.9	48.9	1	13.0-120			13.1	34

L1102111-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102111-09 06/03/19 20:43 • (MS) R3417488-3 06/03/19 21:02 • (MSD) R3417488-4 06/03/19 21:21

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.765	U	0.348	0.404	45.5	52.9	1	10.0-120			15.0	35
Nitrobenzene	0.765	U	0.305	0.362	39.9	47.3	1	10.0-120			16.9	36
n-Nitrosodimethylamine	0.765	U	0.291	0.349	38.0	45.6	1	10.0-127			18.3	40
n-Nitrosodiphenylamine	0.765	U	0.473	0.482	61.9	63.1	1	17.0-120			1.92	29
n-Nitrosodi-n-propylamine	0.765	U	0.348	0.418	45.5	54.7	1	10.0-120			18.3	37
Phenanthrene	0.765	U	0.474	0.470	62.0	61.4	1	17.0-120			0.973	31
Benzylbutyl phthalate	0.765	U	0.653	0.650	85.4	85.0	1	23.0-120			0.529	30
Bis(2-ethylhexyl)phthalate	0.765	U	0.636	0.634	83.2	82.9	1	17.0-126			0.362	30
Di-n-butyl phthalate	0.765	U	0.570	0.557	74.5	72.8	1	30.0-120			2.24	29
Diethyl phthalate	0.765	U	0.501	0.517	65.5	67.6	1	26.0-120			3.16	28
Dimethyl phthalate	0.765	U	0.451	0.485	59.0	63.4	1	25.0-120			7.12	29
Di-n-octyl phthalate	0.765	U	0.619	0.629	80.9	82.3	1	21.0-123			1.66	29
Pyrene	0.765	U	0.542	0.550	70.9	71.9	1	16.0-121			1.47	32
1,2,4-Trichlorobenzene	0.765	U	0.326	0.372	42.6	48.6	1	12.0-120			13.2	37
4-Chloro-3-methylphenol	0.765	U	0.450	0.469	58.9	61.3	1	15.0-120			4.00	30
2-Chlorophenol	0.765	U	0.449	0.528	58.7	69.1	1	15.0-120			16.2	37
2,4-Dichlorophenol	0.765	U	0.416	0.454	54.4	59.3	1	20.0-120			8.72	31
2,4-Dimethylphenol	0.765	U	0.392	0.426	51.2	55.7	1	10.0-120			8.43	33
4,6-Dinitro-2-methylphenol	0.765	U	0.635	0.671	83.0	87.7	1	10.0-120			5.45	39
2,4-Dinitrophenol	0.765	U	0.678	0.710	88.6	92.8	1	10.0-121			4.64	40
2-Nitrophenol	0.765	U	0.438	0.512	57.2	67.0	1	12.0-120			15.7	39
4-Nitrophenol	0.765	U	0.533	0.548	69.7	71.6	1	10.0-137			2.76	32
Pentachlorophenol	0.765	U	0.487	0.527	63.7	68.9	1	10.0-160			7.93	31
Phenol	0.765	U	0.417	0.488	54.5	63.8	1	12.0-120			15.7	38
2,4,6-Trichlorophenol	0.765	U	0.470	0.529	61.4	69.2	1	19.0-120			12.0	32
(S) Nitrobenzene-d5					*42.6*	*49.8*		*10.0-122*				
(S) 2-Fluorobiphenyl					*50.8*	*59.8*		*15.0-120*				
(S) p-Terphenyl-d14					*69.4*	*68.8*		*10.0-120*				
(S) Phenol-d5					*55.9*	*65.6*		*10.0-120*				
(S) 2-Fluorophenol					*62.6*	*75.4*		*12.0-120*				
(S) 2,4,6-Tribromophenol					*65.3*	*68.5*		*10.0-127*				

Method Blank (MB)

(MB) R3417406-2 06/03/19 19:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00642	0.0333
Acenaphthylene	U		0.00671	0.0333
Anthracene	U		0.00632	0.0333
Benzidine	U		0.0637	0.333
Benzo(a)anthracene	U		0.00428	0.0333
Benzo(b)fluoranthene	U		0.00695	0.0333
Benzo(k)fluoranthene	U		0.00582	0.0333
Benzo(g,h,i)perylene	U		0.00721	0.0333
Benzo(a)pyrene	U		0.00548	0.0333
Bis(2-chlorethoxy)methane	U		0.00770	0.333
Bis(2-chloroethyl)ether	U		0.00896	0.333
Bis(2-chloroisopropyl)ether	U		0.00760	0.333
4-Bromophenyl-phenylether	U		0.0114	0.333
2-Chloronaphthalene	U		0.00639	0.0333
4-Chlorophenyl-phenylether	U		0.00627	0.333
Chrysene	U		0.00555	0.0333
Dibenz(a,h)anthracene	U		0.00821	0.0333
3,3-Dichlorobenzidine	U		0.0794	0.333
2,4-Dinitrotoluene	U		0.00607	0.333
2,6-Dinitrotoluene	U		0.00737	0.333
Fluoranthene	U		0.00496	0.0333
Fluorene	U		0.00682	0.0333
Hexachlorobenzene	U		0.00856	0.333
Hexachloro-1,3-butadiene	U		0.0100	0.333
Hexachlorocyclopentadiene	U		0.0587	0.333
Hexachloroethane	U		0.0134	0.333
Indeno(1,2,3-cd)pyrene	U		0.00772	0.0333
Isophorone	U		0.00522	0.333
Naphthalene	U		0.00889	0.0333
Nitrobenzene	U		0.00695	0.333
n-Nitrosodimethylamine	U		0.0647	0.333
n-Nitrosodiphenylamine	U		0.0900	0.333
n-Nitrosodi-n-propylamine	U		0.00906	0.333
Phenanthrene	U		0.00528	0.0333
Benzylbutyl phthalate	U		0.0103	0.333
Bis(2-ethylhexyl)phthalate	U		0.0120	0.333
Di-n-butyl phthalate	U		0.0109	0.333
Diethyl phthalate	U		0.00691	0.333
Dimethyl phthalate	U		0.00540	0.333
Di-n-octyl phthalate	U		0.00907	0.333

Method Blank (MB)

(MB) R3417406-2 06/03/19 19:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.0123	0.0333
1,2,4-Trichlorobenzene	U		0.00876	0.333
4-Chloro-3-methylphenol	U		0.00477	0.333
2-Chlorophenol	U		0.00831	0.333
2,4-Dichlorophenol	U		0.00746	0.333
2,4-Dimethylphenol	U		0.0471	0.333
4,6-Dinitro-2-methylphenol	U		0.124	0.333
2,4-Dinitrophenol	U		0.0980	0.333
2-Nitrophenol	U		0.0130	0.333
4-Nitrophenol	U		0.0525	0.333
Pentachlorophenol	U		0.0480	0.333
Phenol	U		0.00695	0.333
2,4,6-Trichlorophenol	U		0.00779	0.333
(S) Nitrobenzene-d5	*64.3*			*10.0-122*
(S) 2-Fluorobiphenyl	*69.4*			*15.0-120*
(S) p-Terphenyl-d14	*75.1*			*10.0-120*
(S) Phenol-d5	*67.6*			*10.0-120*
(S) 2-Fluorophenol	*76.1*			*12.0-120*
(S) 2,4,6-Tribromophenol	*67.3*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3417406-1 06/03/19 19:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.529	79.4	38.0-120	
Acenaphthylene	0.666	0.572	85.9	40.0-120	
Anthracene	0.666	0.557	83.6	42.0-120	
Benzidine	1.33	0.347	26.1	1.00-120	
Benzo(a)anthracene	0.666	0.627	94.1	44.0-120	
Benzo(b)fluoranthene	0.666	0.608	91.3	43.0-120	
Benzo(k)fluoranthene	0.666	0.604	90.7	44.0-120	
Benzo(g,h,i)perylene	0.666	0.591	88.7	43.0-120	
Benzo(a)pyrene	0.666	0.589	88.4	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.395	59.3	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.474	71.2	16.0-120	
Bis(2-chloroisopropyl)ether	0.666	0.457	68.6	23.0-120	
4-Bromophenyl-phenylether	0.666	0.584	87.7	40.0-120	
2-Chloronaphthalene	0.666	0.521	78.2	35.0-120	

Laboratory Control Sample (LCS)

(LCS) R3417406-1 06/03/19 19:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Chlorophenyl-phenylether	0.666	0.571	85.7	40.0-120	
Chrysene	0.666	0.562	84.4	43.0-120	
Dibenz(a,h)anthracene	0.666	0.585	87.8	44.0-120	
3,3-Dichlorobenzidine	1.33	1.06	79.7	28.0-120	
2,4-Dinitrotoluene	0.666	0.583	87.5	45.0-120	
2,6-Dinitrotoluene	0.666	0.577	86.6	42.0-120	
Fluoranthene	0.666	0.592	88.9	44.0-120	
Fluorene	0.666	0.560	84.1	41.0-120	
Hexachlorobenzene	0.666	0.593	89.0	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.431	64.7	15.0-120	
Hexachlorocyclopentadiene	0.666	0.533	80.0	15.0-120	
Hexachloroethane	0.666	0.445	66.8	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.562	84.4	45.0-120	
Isophorone	0.666	0.406	61.0	23.0-120	
Naphthalene	0.666	0.408	61.3	18.0-120	
Nitrobenzene	0.666	0.396	59.5	17.0-120	
n-Nitrosodimethylamine	0.666	0.420	63.1	10.0-125	
n-Nitrosodiphenylamine	0.666	0.558	83.8	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.495	74.3	26.0-120	
Phenanthrene	0.666	0.561	84.2	42.0-120	
Benzylbutyl phthalate	0.666	0.544	81.7	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.528	79.3	41.0-120	
Di-n-butyl phthalate	0.666	0.567	85.1	43.0-120	
Diethyl phthalate	0.666	0.556	83.5	43.0-120	
Dimethyl phthalate	0.666	0.565	84.8	43.0-120	
Di-n-octyl phthalate	0.666	0.545	81.8	40.0-120	
Pyrene	0.666	0.574	86.2	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.409	61.4	17.0-120	
4-Chloro-3-methylphenol	0.666	0.464	69.7	28.0-120	
2-Chlorophenol	0.666	0.531	79.7	28.0-120	
2,4-Dichlorophenol	0.666	0.467	70.1	25.0-120	
2,4-Dimethylphenol	0.666	0.444	66.7	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.543	81.5	16.0-120	
2,4-Dinitrophenol	0.666	0.385	57.8	10.0-120	
2-Nitrophenol	0.666	0.415	62.3	20.0-120	
4-Nitrophenol	0.666	0.560	84.1	27.0-120	
Pentachlorophenol	0.666	0.590	88.6	29.0-120	
Phenol	0.666	0.543	81.5	28.0-120	
2,4,6-Trichlorophenol	0.666	0.583	87.5	37.0-120	
(S) Nitrobenzene-d5			*56.8*	*10.0-122*	

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Laboratory Control Sample (LCS)

(LCS) R3417406-1 06/03/19 19:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) 2-Fluorobiphenyl			*81.1*	*15.0-120*	
(S) p-Terphenyl-d14			*89.2*	*10.0-120*	
(S) Phenol-d5			*80.0*	*10.0-120*	
(S) 2-Fluorophenol			*88.4*	*12.0-120*	
(S) 2,4,6-Tribromophenol			*87.1*	*10.0-127*	

L1102111-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102111-19 06/03/19 19:46 • (MS) R3417406-3 06/03/19 20:06 • (MSD) R3417406-4 06/03/19 20:26

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.782	U	0.368	0.382	47.0	48.8	1	18.0-120			3.76	32
Acenaphthylene	0.782	U	0.398	0.409	50.9	52.3	1	25.0-120			2.62	32
Anthracene	0.782	U	0.471	0.499	60.2	63.8	1	22.0-120			5.81	29
Benzidine	1.56	U	0.386	0.370	24.7	23.7	1	1.00-120			4.35	40
Benzo(a)anthracene	0.782	U	0.526	0.573	67.3	73.3	1	25.0-120			8.55	29
Benzo(b)fluoranthene	0.782	U	0.496	0.531	63.4	67.9	1	19.0-122			6.86	31
Benzo(k)fluoranthene	0.782	U	0.511	0.533	65.3	68.2	1	23.0-120			4.27	30
Benzo(g,h,i)perylene	0.782	U	0.494	0.528	63.2	67.6	1	10.0-120			6.66	33
Benzo(a)pyrene	0.782	U	0.490	0.523	62.6	66.8	1	24.0-120			6.50	30
Bis(2-chlorethoxy)methane	0.782	U	0.311	0.304	39.8	38.9	1	10.0-120			2.29	34
Bis(2-chloroethyl)ether	0.782	U	0.351	0.331	44.9	42.3	1	10.0-120			5.85	40
Bis(2-chloroisopropyl)ether	0.782	U	0.316	0.311	40.4	39.8	1	10.0-120			1.50	40
4-Bromophenyl-phenylether	0.782	U	0.473	0.510	60.5	65.2	1	27.0-120			7.41	30
2-Chloronaphthalene	0.782	U	0.357	0.368	45.6	47.0	1	20.0-120			2.92	32
4-Chlorophenyl-phenylether	0.782	U	0.433	0.432	55.4	55.3	1	24.0-120			0.271	29
Chrysene	0.782	U	0.471	0.507	60.2	64.9	1	21.0-120			7.44	29
Dibenz(a,h)anthracene	0.782	U	0.484	0.515	61.9	65.9	1	10.0-120			6.35	32
3,3-Dichlorobenzidine	1.56	U	0.899	0.948	57.6	60.7	1	10.0-120			5.21	34
2,4-Dinitrotoluene	0.782	U	0.470	0.504	60.1	64.4	1	30.0-120			7.00	31
2,6-Dinitrotoluene	0.782	U	0.444	0.464	56.8	59.3	1	25.0-120			4.40	31
Fluoranthene	0.782	U	0.512	0.544	65.5	69.5	1	18.0-126			6.01	32
Fluorene	0.782	U	0.424	0.438	54.2	56.0	1	25.0-120			3.27	30
Hexachlorobenzene	0.782	U	0.486	0.520	62.2	66.5	1	27.0-120			6.77	28
Hexachloro-1,3-butadiene	0.782	U	0.314	0.296	40.1	37.8	1	10.0-120			5.78	38
Hexachlorocyclopentadiene	0.782	U	0.302	0.294	38.6	37.5	1	10.0-120			2.76	40
Hexachloroethane	0.782	U	0.316	0.282	40.4	36.0	1	10.0-120			11.4	40
Indeno(1,2,3-cd)pyrene	0.782	U	0.480	0.508	61.4	65.0	1	10.0-120			5.70	32
Isophorone	0.782	U	0.315	0.309	40.2	39.5	1	13.0-120			1.88	34

L1102111-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102111-19 06/03/19 19:46 • (MS) R3417406-3 06/03/19 20:06 • (MSD) R3417406-4 06/03/19 20:26

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.782	U	0.312	0.301	39.9	38.4	1	10.0-120			3.83	35
Nitrobenzene	0.782	U	0.308	0.299	39.3	38.3	1	10.0-120			2.71	36
n-Nitrosodimethylamine	0.782	U	0.336	0.311	42.9	39.8	1	10.0-127			7.62	40
n-Nitrosodiphenylamine	0.782	U	0.458	0.491	58.6	62.8	1	17.0-120			6.93	29
n-Nitrosodi-n-propylamine	0.782	U	0.364	0.352	46.5	45.0	1	10.0-120			3.28	37
Phenanthrene	0.782	U	0.474	0.507	60.7	64.9	1	17.0-120			6.70	31
Benzylbutyl phthalate	0.782	U	0.456	0.496	58.3	63.4	1	23.0-120			8.40	30
Bis(2-ethylhexyl)phthalate	0.782	U	0.429	0.463	54.8	59.2	1	17.0-126			7.64	30
Di-n-butyl phthalate	0.782	U	0.478	0.511	61.1	65.3	1	30.0-120			6.65	29
Diethyl phthalate	0.782	U	0.450	0.470	57.5	60.1	1	26.0-120			4.34	28
Dimethyl phthalate	0.782	U	0.436	0.453	55.7	58.0	1	25.0-120			3.96	29
Di-n-octyl phthalate	0.782	U	0.447	0.484	57.2	61.9	1	21.0-123			7.82	29
Pyrene	0.782	U	0.501	0.532	64.1	68.0	1	16.0-121			5.91	32
1,2,4-Trichlorobenzene	0.782	U	0.308	0.289	39.3	36.9	1	12.0-120			6.30	37
4-Chloro-3-methylphenol	0.782	U	0.403	0.420	51.5	53.8	1	15.0-120			4.28	30
2-Chlorophenol	0.782	U	0.406	0.375	52.0	47.9	1	15.0-120			8.12	37
2,4-Dichlorophenol	0.782	U	0.373	0.371	47.7	47.4	1	20.0-120			0.631	31
2,4-Dimethylphenol	0.782	U	0.355	0.356	45.3	45.5	1	10.0-120			0.331	33
4,6-Dinitro-2-methylphenol	0.782	U	0.498	0.491	63.7	62.8	1	10.0-120			1.43	39
2,4-Dinitrophenol	0.782	U	0.407	0.336	52.1	42.9	1	10.0-121			19.3	40
2-Nitrophenol	0.782	U	0.326	0.325	41.7	41.6	1	12.0-120			0.360	39
4-Nitrophenol	0.782	U	0.424	0.506	54.2	64.7	1	10.0-137			17.7	32
Pentachlorophenol	0.782	U	0.456	0.539	58.3	68.9	1	10.0-160			16.8	31
Phenol	0.782	U	0.429	0.418	54.8	53.5	1	12.0-120			2.50	38
2,4,6-Trichlorophenol	0.782	U	0.418	0.449	53.5	57.4	1	19.0-120			7.05	32
(S) Nitrobenzene-d5					*38.1*	*36.3*		*10.0-122*				
(S) 2-Fluorobiphenyl					*47.1*	*47.1*		*15.0-120*				
(S) p-Terphenyl-d14					*65.5*	*70.3*		*10.0-120*				
(S) Phenol-d5					*54.7*	*52.6*		*10.0-120*				
(S) 2-Fluorophenol					*58.9*	*55.3*		*12.0-120*				
(S) 2,4,6-Tribromophenol					*64.4*	*69.8*		*10.0-127*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J0	J0: The identification of the analyte is acceptable, but the reported concentration is an estimate. The calibration met method criteria.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ACCREDITATIONS & LOCATIONS

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

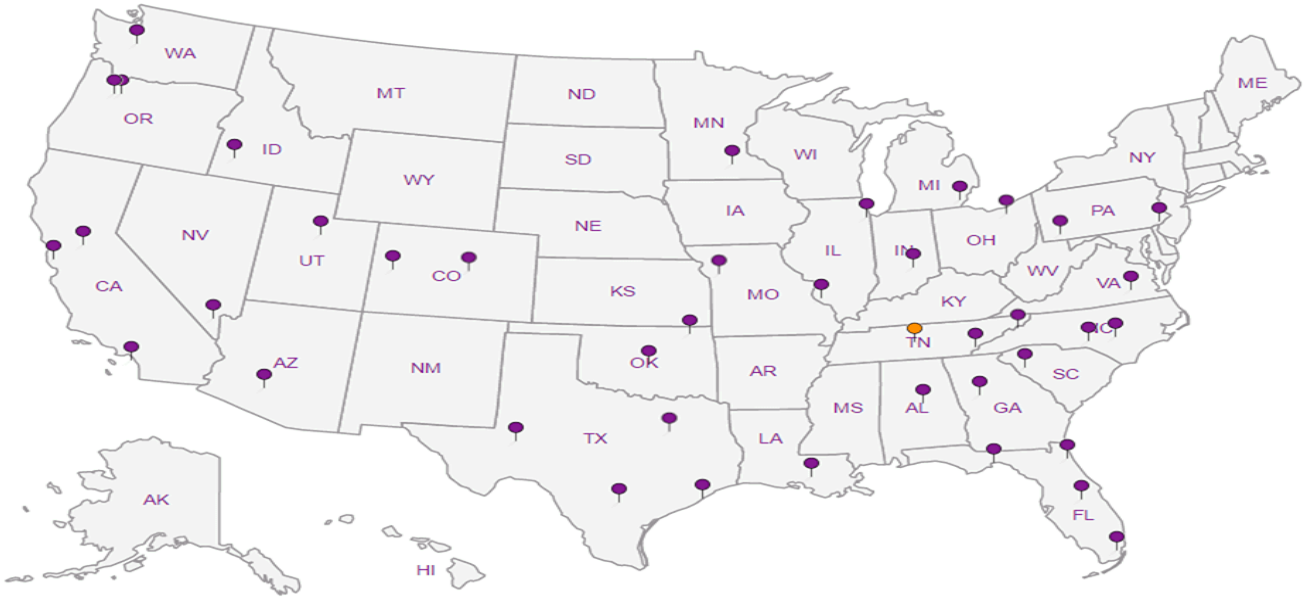
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Chain of Custody Page 1 of 4

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1102111

B032

Acctnum: BOOALLHAMGA
Template: T150565
Prelogin: P709671
TSR: 526 - Chris McCord
PB: TB 5-16-19
Shipped Via: FedEX Ground

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Pres Chk

Report to: Scott Bolch

Email To: bolch_scott@bah.com

Project Description: Houston Phase II

City/State Collected: Houston, TX

Phone: 770-634-1644
Fax:

Client Project # Houston Phase II

Lab Project # BOOALLHAMGA-HOUSTON

Collected by (print): Scott A. Bolch

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8081A,SV8270D 4ozClr-NoPres	Remarks	Sample # (lab only)
3006-SS-22(0-2)	G	SS	0-2'	5/21/19	1005	1	X		-01
3006-SS-22(2-4)		SS	2-4'		1007	1	X		02
3006-SS-22(4-6)		SS	4-6'		1004	1	X		03
3006-SS-23(0-2)		SS	0-2'		1018	1	X		04
3006-SS-23(2-4)		SS	2-4'		1017	1	X		05
3006-SS-23(4-6)		SS	4-6'		1016	1	X		06
3006-SS-20(0-2)		SS	0-2'		1039	1	X		07
3006-SS-20(2-4)		SS	2-4'		1036	1	X		08
3006-SS-20(4-6)		SS	4-6'		1035	1	X		09
3006-SS-20(2-4)A		SS	2-4'		1038	1	X		10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier ✓SW

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	5/22/19	1600		5/23/19 11:00
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: A30F °C Bottles Received:
	5/23/19	19:30		1.3-.1=1.2 50
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				5/24/19 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 2 of 4

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Pres Chk

Report to: Scott Bolch

Email To: bolch_scott@bah.com

Project Description: Houston Phase II

City/State Collected: Haston, TX

Phone: 770-634-1644
Fax:

Client Project # Houston Phase II

Lab Project # BOOALLHAMGA-HOUSTON

Collected by (print): Scott A. Bolch

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

SV8081A,SV8270D 4ozClr-NoPres

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8081A,SV8270D 4ozClr-NoPres	Remarks	Sample # (lab only)
3006-SS-20(4-6)MS	G	SS	4-6'	5/21/19	1035	1	X	MS	-09
3006-SS-20(4-6)MSD		SS	4-6'		1035	1	X	MSD	-09
3006-SS-11(0-2)		SS	0-2'		1057	1	X		11
3006-SS-19(2-4)		SS	2-4'		1059	1	X		12
3006-SS-19(4-6)		SS	4-6'		1100	1	X		13
3006-SS-8(0-2)		SS	0-2'		1216	1	X		14
3006-SS-8(2-4)		SS	2-4'		1217	1	X		15
3006-SS-8(4-6)		SS	4-6'		1214	1	X		16
3006-SS-8(4-6)A		SS	4-6'		1214	1	X		17
3006-SS-9(0-2)		SS	0-2		1302	1	X		18

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Relinquished by : (Signature) Date: 5/22/19 Time: 1600

Received by: (Signature) 5/23/19 11:20

Trip Blank Received: Yes / No HCL / MeoH TBR

Relinquished by : (Signature) Date: 5/23/19 Time: 1930

Received by: (Signature)

Temp: 4.3BF °C Bottles Received: 50

1.3-.1=1.2

If preservation required by Login: Date/Time

Relinquished by : (Signature) Date: Time:

Received for lab by: (Signature) Date: 5/24/19 Time: 0800

Hold: Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1102111

Table #

Acctnum: BOOALLHAMGA

Template: T150565

Prelogin: P709671

TSR: 526 - Chris McCord

PB: TB 5-16-19

Shipped Via: FedEX Ground

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Email To: bolch_scott@bah.com

Report to: Scott Bolch

Project Description: Houston Phase II

Phone: 770-634-1644
Fax:

Client Project #: Houston Phase II

Site/Facility ID #:

P.O. #:

Quote #:

City/State Collected: Hasty, TX

Lab Project # BOOALLHAMGA-HOUSTON

Collected by (print): Scott A. Bolch

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Pres Chk

Analysis / Container / Preservative: SV8081A,SV8270D 4ozClr-NoPres

Chain of Custody Page 3 of 4

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1102111

Table #

Acctnum: BOOALLHAMGA

Template: T150565

Prelogin: P709671

TSR: 526 - Chris McCord

PB: TB 5-16-19

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8081A,SV8270D 4ozClr-NoPres	Remarks	Sample # (lab only)
3006-SS-9(2-4)	G	SS	2-4	5/23/19	1304	1	X		19
3006-SS-9(4-6)		SS	4-6		1305	1	X		20
3006-SS-9(2-4)MS		SS	2-4		1304	1	X	MS	19
3006-SS-9(2-4)MSD		SS	2-4		1304	1	X	MSD	19
3006-SS-10(0-2)		SS	0-2		1417	1	X		21
3006-SS-10(2-4)		SS	2-4		1418	1	X		22
3006-SS-10(4-6)		SS	4-6		1416	1	X		23
3006-SS-11(0-2)		SS	0-2		~~1437~~ 1439	1	X		24
3006-SS-11(2-4)		SS	2-4		1440	1	X		25
3006-SS-11(4-6)		SS	4-6		1437	1	X		26

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	5/23/19	1600		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: A3BF °C 1.3-.1=1.2 Bottles Received: 5 0
	5/23/19	19:30		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5/24/19 Time: 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 4 of 4

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Pres Chk

Report to: Scott Bolch

Email To: bolch_scott@bah.com

Project Description: Houston Phase II

City/State Collected: Houston, TX

Phone: 770-634-1644
Fax:

Client Project # Houston Phase II

Lab Project # BOOALLHAMGA-HOUSTON

Collected by (print): Scott A. Bolch

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8081A 100ml Amb-NoPres	8270D 100ml Amb NoPres	Remarks	Sample # (lab only)
3006-GW-19	G	GW	15-20'	5/21/19	1145	4	X	X		27
3006-GW-8	G	GW	10-20'		1230	4	X	X		28
3006-GW-9	G	GW	8-18'		1320	4	X	X		29
3006-GW-9A	G	GW	8-18'		1320	4	X	X		30
3006-GW-11	G	GW	14-19'		1450	4	X	X		31
		GW				4	X	X		
		GW				4	X	X		
		GW				4	X	X		
		GW				4	X	X		
		GW				4	X	X		

Analysis / Container / Preservative

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1102111

Table #

Acctnum: BOOALLHAMGA

Template: T150567

Prelogin: P709673

TSR: 526 - Chris McCord

PB: 5/16/19

Shipped Via: FedEX Ground

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	5/22/19	1600	5/23/19 11:00	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.3°C Bottles Received: 50
	5/23/19	19:30		1.3-.1=1.2
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				5/24/19 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

June 12, 2019

Booz, Allen, Hamilton - Atlanta, GA

Sample Delivery Group:	L1102115
Samples Received:	05/24/2019
Project Number:	HOUSTON PHASE II
Description:	Houston Phase II

Report To: Scott Bolch
1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Chris McCord
Project Manager

3006-SS-12 (0-2) L1102115-01 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 08:27 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288606	1	05/30/19 15:21	05/30/19 15:33	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 14:09	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 23:24	DMM	Mt. Juliet, TN

3006-SS-12 (2-4) L1102115-02 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 08:29 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 14:24	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 20:29	DMM	Mt. Juliet, TN

3006-SS-12 (4-6) L1102115-03 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 08:30 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 15:08	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 19:11	DMM	Mt. Juliet, TN

3006-SS-13 (0-2) L1102115-04 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 08:40 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 15:23	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 21:47	DMM	Mt. Juliet, TN

3006-SS-13 (2-4) L1102115-05 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 08:41 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 15:38	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 20:10	DMM	Mt. Juliet, TN

3006-SS-13 (4-6) L1102115-06 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 08:42 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 15:53	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 17:14	DMM	Mt. Juliet, TN

3006-SS-15 (0-2) L1102115-07 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 08:50 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 16:07	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 23:05	DMM	Mt. Juliet, TN

3006-SS-15 (2-4) L1102115-08 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 08:51 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 16:22	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 21:27	DMM	Mt. Juliet, TN

3006-SS-15 (4-6) L1102115-09 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 08:52 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 18:05	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 17:53	DMM	Mt. Juliet, TN

3006-SS-14 (0-2) L1102115-10 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:16 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 18:20	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 23:44	DMM	Mt. Juliet, TN

3006-SS-14 (2-4) L1102115-11 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:17 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288607	1	05/30/19 16:26	05/30/19 16:36	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 18:35	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 22:45	DMM	Mt. Juliet, TN

3006-SS-14 (4-6) L1102115-12 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:18 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 18:50	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 17:34	DMM	Mt. Juliet, TN

3006-SS-16 (0-2) L1102115-13 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:23 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 19:04	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 22:06	DMM	Mt. Juliet, TN

3006-SS-16 (0-2)A L1102115-14 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:23 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 19:19	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 22:26	DMM	Mt. Juliet, TN

3006-SS-16 (2-4) L1102115-15 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:24 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 19:34	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 18:52	DMM	Mt. Juliet, TN

3006-SS-16 (4-6) L1102115-16 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:55 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 19:49	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 18:32	DMM	Mt. Juliet, TN

3006-SS-17 (0-2) L1102115-17 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:52 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 20:03	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	50	05/30/19 08:38	05/31/19 00:03	DMM	Mt. Juliet, TN

3006-SS-17 (3-4) L1102115-18 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:53 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 20:18	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 19:50	DMM	Mt. Juliet, TN

3006-SS-17 (4-6) L1102115-19 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 09:55 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 20:33	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 18:13	DMM	Mt. Juliet, TN

3006-SS-21 (0-2) L1102115-20 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 10:31 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288332	1	06/01/19 09:36	06/01/19 20:48	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288320	1	05/30/19 08:38	05/30/19 19:31	DMM	Mt. Juliet, TN

3006-SS-21 (2-4) L1102115-21 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 10:32 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288608	1	05/30/19 15:56	05/30/19 16:23	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 09:01	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 21:00	JNJ	Mt. Juliet, TN

3006-SS-21 (4-6) L1102115-22 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 10:34 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 09:13	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 18:26	JNJ	Mt. Juliet, TN

3006-SS-18 (0-2) L1102115-23 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 10:41 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 09:25	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 22:55	JNJ	Mt. Juliet, TN

3006-SS-18 (2-4) L1102115-24 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 10:48 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 09:38	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 19:43	JNJ	Mt. Juliet, TN

3006-SS-18 (4-6) L1102115-25 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 10:49 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 09:50	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 19:24	JNJ	Mt. Juliet, TN

3006-SS-25 (0-2) L1102115-26 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 10:56 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 10:03	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 23:14	JNJ	Mt. Juliet, TN

3006-SS-25 (2-4) L1102115-27 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 10:58 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 10:15	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 20:41	JNJ	Mt. Juliet, TN

3006-SS-25 (4-6) L1102115-28 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 11:59 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 10:28	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 20:21	JNJ	Mt. Juliet, TN

3006-SS-26 (0-2) L1102115-29 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 11:07 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 10:40	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 23:33	JNJ	Mt. Juliet, TN

3006-SS-26 (2-4) L1102115-30 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 11:09 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 10:52	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 21:19	JNJ	Mt. Juliet, TN

3006-SS-26 (4-6) L1102115-31 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 11:10 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288609	1	05/30/19 15:37	05/30/19 15:47	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 11:05	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 21:38	JNJ	Mt. Juliet, TN

3006-SS-28 (0-2) L1102115-32 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 11:51 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 11:17	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	10	05/30/19 10:06	05/30/19 23:52	JNJ	Mt. Juliet, TN

3006-SS-28 (2-4) L1102115-33 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 11:55 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 11:54	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 21:57	JNJ	Mt. Juliet, TN

3006-SS-28 (4-6) L1102115-34 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 11:57 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 12:07	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 19:05	JNJ	Mt. Juliet, TN

3006-SS-29 (0-2) L1102115-35 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 12:39 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 12:19	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	10	05/30/19 10:06	05/31/19 18:34	AO	Mt. Juliet, TN

3006-SS-29 (2-4) L1102115-36 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 12:41 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 12:32	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 22:35	JNJ	Mt. Juliet, TN

3006-SS-29 (4-6) L1102115-37 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 12:42 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 12:44	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 20:02	JNJ	Mt. Juliet, TN

3006-SS-30 (0-2) L1102115-38 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 12:56 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/03/19 12:57	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	10	05/30/19 10:06	05/31/19 18:15	AO	Mt. Juliet, TN

3006-SS-30 (2-4) L1102115-39 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 12:56 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/04/19 09:45	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 22:16	JNJ	Mt. Juliet, TN

3006-SS-30 (4-6) L1102115-40 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 13:58 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288333	1	06/02/19 16:50	06/04/19 09:58	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288321	1	05/30/19 10:06	05/30/19 18:46	JNJ	Mt. Juliet, TN

3006-SS-24 (0-2) L1102115-41 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 13:38 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288611	1	05/30/19 17:32	05/30/19 17:41	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288705	1	06/02/19 08:16	06/02/19 11:40	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288322	1	05/30/19 08:34	05/30/19 19:37	DMM	Mt. Juliet, TN

3006-SS-24 (2-4) L1102115-42 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 13:39 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1290121	1	06/03/19 10:51	06/03/19 11:01	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288705	1	06/02/19 08:16	06/02/19 11:55	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288322	1	05/30/19 08:34	05/30/19 18:39	DMM	Mt. Juliet, TN

3006-SS-24 (4-6) L1102115-43 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 13:40 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288613	1	05/30/19 17:20	05/30/19 17:30	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288705	1	06/02/19 08:16	06/02/19 12:10	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288322	1	05/30/19 08:34	05/30/19 17:01	DMM	Mt. Juliet, TN

3006-SS-27 (0-2) L1102115-44 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 13:46 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288613	1	05/30/19 17:20	05/30/19 17:30	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288705	1	06/02/19 08:16	06/02/19 12:54	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288322	1	05/30/19 08:34	05/30/19 20:16	DMM	Mt. Juliet, TN

3006-SS-27 (2-4) L1102115-45 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 13:47 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288613	1	05/30/19 17:20	05/30/19 17:30	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288705	1	06/02/19 08:16	06/02/19 13:09	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288322	1	05/30/19 08:34	05/30/19 16:22	DMM	Mt. Juliet, TN

3006-SS-27 (4-6) L1102115-46 Solid

Collected by: Scott A Bolch | Collected date/time: 05/22/19 13:48 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1288613	1	05/30/19 17:20	05/30/19 17:30	KBC	Mt. Juliet, TN
Pesticides (GC) by Method 8081A	WG1288705	1	06/02/19 08:16	06/02/19 13:23	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1288322	1	05/30/19 08:34	05/30/19 16:42	DMM	Mt. Juliet, TN

3006-GW-28 L1102115-47 GW

Collected by: Scott A Bolch | Collected date/time: 05/22/19 12:14 | Received date/time: 05/24/19 08:00

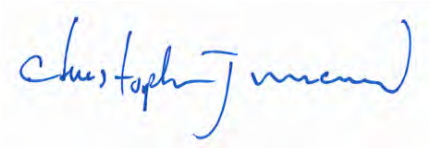
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Pesticides (GC) by Method 8081A	WG1286972	1.05	05/29/19 08:03	05/30/19 09:19	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1286400	1.11	05/27/19 07:28	05/27/19 22:34	LEA	Mt. Juliet, TN

3006-GW-30 L1102115-48 GW

Collected by: Scott A Bolch | Collected date/time: 05/22/19 13:08 | Received date/time: 05/24/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Pesticides (GC) by Method 8081A	WG1286972	1.43	05/29/19 08:03	05/30/19 09:56	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG1286400	1.54	05/27/19 07:28	05/28/19 02:56	LEA	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.4		1	05/30/2019 15:33	WG1288606

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00154	0.0229	1	06/01/2019 14:09	WG1288332
Alpha BHC	U		0.00156	0.0229	1	06/01/2019 14:09	WG1288332
Beta BHC	U		0.00183	0.0229	1	06/01/2019 14:09	WG1288332
Delta BHC	U		0.00164	0.0229	1	06/01/2019 14:09	WG1288332
Gamma BHC	U		0.00166	0.0229	1	06/01/2019 14:09	WG1288332
Chlordane	U		0.0446	0.229	1	06/01/2019 14:09	WG1288332
4,4-DDD	U		0.00178	0.0229	1	06/01/2019 14:09	WG1288332
4,4-DDE	U		0.00176	0.0229	1	06/01/2019 14:09	WG1288332
4,4-DDT	U		0.00229	0.0229	1	06/01/2019 14:09	WG1288332
Dieldrin	U		0.00174	0.0229	1	06/01/2019 14:09	WG1288332
Endosulfan I	U		0.00170	0.0229	1	06/01/2019 14:09	WG1288332
Endosulfan II	U		0.00183	0.0229	1	06/01/2019 14:09	WG1288332
Endosulfan sulfate	U		0.00173	0.0229	1	06/01/2019 14:09	WG1288332
Endrin	U		0.00180	0.0229	1	06/01/2019 14:09	WG1288332
Endrin aldehyde	U		0.00148	0.0229	1	06/01/2019 14:09	WG1288332
Endrin ketone	U		0.00189	0.0229	1	06/01/2019 14:09	WG1288332
Hexachlorobenzene	U		0.00142	0.0229	1	06/01/2019 14:09	WG1288332
Heptachlor	U		0.00176	0.0229	1	06/01/2019 14:09	WG1288332
Heptachlor epoxide	U		0.00184	0.0229	1	06/01/2019 14:09	WG1288332
Methoxychlor	U		0.00204	0.0229	1	06/01/2019 14:09	WG1288332
Toxaphene	U		0.0412	0.458	1	06/01/2019 14:09	WG1288332
(S) Decachlorobiphenyl	*73.2*			*10.0-135*		*06/01/2019 14:09*	WG1288332
(S) Tetrachloro-m-xylene	*83.1*			*10.0-139*		*06/01/2019 14:09*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00734	0.0381	1	05/30/2019 23:24	WG1288320
Acenaphthylene	U		0.00768	0.0381	1	05/30/2019 23:24	WG1288320
Anthracene	U		0.00723	0.0381	1	05/30/2019 23:24	WG1288320
Benzidine	U		0.0729	0.381	1	05/30/2019 23:24	WG1288320
Benzo(a)anthracene	U		0.00490	0.0381	1	05/30/2019 23:24	WG1288320
Benzo(b)fluoranthene	U		0.00795	0.0381	1	05/30/2019 23:24	WG1288320
Benzo(k)fluoranthene	U		0.00666	0.0381	1	05/30/2019 23:24	WG1288320
Benzo(g,h,i)perylene	U		0.00825	0.0381	1	05/30/2019 23:24	WG1288320
Benzo(a)pyrene	U		0.00627	0.0381	1	05/30/2019 23:24	WG1288320
Bis(2-chlorethoxy)methane	U		0.00881	0.381	1	05/30/2019 23:24	WG1288320
Bis(2-chloroethyl)ether	U		0.0103	0.381	1	05/30/2019 23:24	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00869	0.381	1	05/30/2019 23:24	WG1288320
4-Bromophenyl-phenylether	U		0.0130	0.381	1	05/30/2019 23:24	WG1288320
2-Chloronaphthalene	U		0.00731	0.0381	1	05/30/2019 23:24	WG1288320
4-Chlorophenyl-phenylether	U		0.00717	0.381	1	05/30/2019 23:24	WG1288320
Chrysene	U		0.00635	0.0381	1	05/30/2019 23:24	WG1288320
Dibenz(a,h)anthracene	U		0.00939	0.0381	1	05/30/2019 23:24	WG1288320
3,3-Dichlorobenzidine	U		0.0908	0.381	1	05/30/2019 23:24	WG1288320
2,4-Dinitrotoluene	U		0.00694	0.381	1	05/30/2019 23:24	WG1288320
2,6-Dinitrotoluene	U		0.00843	0.381	1	05/30/2019 23:24	WG1288320
Fluoranthene	U		0.00567	0.0381	1	05/30/2019 23:24	WG1288320
Fluorene	U		0.00780	0.0381	1	05/30/2019 23:24	WG1288320
Hexachlorobenzene	U		0.00979	0.381	1	05/30/2019 23:24	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0114	0.381	1	05/30/2019 23:24	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0672	0.381	1	05/30/2019 23:24	WG1288320
Hexachloroethane	U		0.0153	0.381	1	05/30/2019 23:24	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00883	0.0381	1	05/30/2019 23:24	WG1288320
Isophorone	U		0.00597	0.381	1	05/30/2019 23:24	WG1288320
Naphthalene	U		0.0102	0.0381	1	05/30/2019 23:24	WG1288320
Nitrobenzene	U		0.00795	0.381	1	05/30/2019 23:24	WG1288320
n-Nitrosodimethylamine	U		0.0740	0.381	1	05/30/2019 23:24	WG1288320
n-Nitrosodiphenylamine	U		0.103	0.381	1	05/30/2019 23:24	WG1288320
n-Nitrosodi-n-propylamine	U		0.0104	0.381	1	05/30/2019 23:24	WG1288320
Phenanthrene	U		0.00604	0.0381	1	05/30/2019 23:24	WG1288320
Benzylbutyl phthalate	U		0.0118	0.381	1	05/30/2019 23:24	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0137	0.381	1	05/30/2019 23:24	WG1288320
Di-n-butyl phthalate	U		0.0125	0.381	1	05/30/2019 23:24	WG1288320
Diethyl phthalate	U		0.00791	0.381	1	05/30/2019 23:24	WG1288320
Dimethyl phthalate	U		0.00618	0.381	1	05/30/2019 23:24	WG1288320
Di-n-octyl phthalate	U		0.0104	0.381	1	05/30/2019 23:24	WG1288320
Pyrene	U		0.0141	0.0381	1	05/30/2019 23:24	WG1288320
1,2,4-Trichlorobenzene	U		0.0100	0.381	1	05/30/2019 23:24	WG1288320
4-Chloro-3-methylphenol	U		0.00546	0.381	1	05/30/2019 23:24	WG1288320
2-Chlorophenol	U		0.00951	0.381	1	05/30/2019 23:24	WG1288320
2,4-Dichlorophenol	U		0.00853	0.381	1	05/30/2019 23:24	WG1288320
2,4-Dimethylphenol	U	J0	0.0539	0.381	1	05/30/2019 23:24	WG1288320
4,6-Dinitro-2-methylphenol	U		0.142	0.381	1	05/30/2019 23:24	WG1288320
2,4-Dinitrophenol	U		0.112	0.381	1	05/30/2019 23:24	WG1288320
2-Nitrophenol	U		0.0149	0.381	1	05/30/2019 23:24	WG1288320
4-Nitrophenol	U		0.0601	0.381	1	05/30/2019 23:24	WG1288320
Pentachlorophenol	U	J0	0.0549	0.381	1	05/30/2019 23:24	WG1288320
Phenol	U		0.00795	0.381	1	05/30/2019 23:24	WG1288320
2,4,6-Trichlorophenol	U		0.00891	0.381	1	05/30/2019 23:24	WG1288320
(S) 2-Fluorophenol	*80.2*			*12.0-120*		*05/30/2019 23:24*	WG1288320
(S) Phenol-d5	*69.6*			*10.0-120*		*05/30/2019 23:24*	WG1288320
(S) Nitrobenzene-d5	*58.3*			*10.0-122*		*05/30/2019 23:24*	WG1288320
(S) 2-Fluorobiphenyl	*64.2*			*15.0-120*		*05/30/2019 23:24*	WG1288320
(S) 2,4,6-Tribromophenol	*73.1*			*10.0-127*		*05/30/2019 23:24*	WG1288320
(S) p-Terphenyl-d14	*81.2*			*10.0-120*		*05/30/2019 23:24*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.3		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00168	0.0249	1	06/01/2019 14:24	WG1288332
Alpha BHC	U		0.00169	0.0249	1	06/01/2019 14:24	WG1288332
Beta BHC	U		0.00199	0.0249	1	06/01/2019 14:24	WG1288332
Delta BHC	U		0.00178	0.0249	1	06/01/2019 14:24	WG1288332
Gamma BHC	U		0.00180	0.0249	1	06/01/2019 14:24	WG1288332
Chlordane	U		0.0485	0.249	1	06/01/2019 14:24	WG1288332
4,4-DDD	U		0.00194	0.0249	1	06/01/2019 14:24	WG1288332
4,4-DDE	U		0.00192	0.0249	1	06/01/2019 14:24	WG1288332
4,4-DDT	U		0.00249	0.0249	1	06/01/2019 14:24	WG1288332
Dieldrin	U		0.00189	0.0249	1	06/01/2019 14:24	WG1288332
Endosulfan I	U		0.00185	0.0249	1	06/01/2019 14:24	WG1288332
Endosulfan II	U		0.00199	0.0249	1	06/01/2019 14:24	WG1288332
Endosulfan sulfate	U		0.00188	0.0249	1	06/01/2019 14:24	WG1288332
Endrin	U		0.00195	0.0249	1	06/01/2019 14:24	WG1288332
Endrin aldehyde	U		0.00161	0.0249	1	06/01/2019 14:24	WG1288332
Endrin ketone	U		0.00205	0.0249	1	06/01/2019 14:24	WG1288332
Hexachlorobenzene	U		0.00154	0.0249	1	06/01/2019 14:24	WG1288332
Heptachlor	U		0.00192	0.0249	1	06/01/2019 14:24	WG1288332
Heptachlor epoxide	U		0.00200	0.0249	1	06/01/2019 14:24	WG1288332
Methoxychlor	U		0.00222	0.0249	1	06/01/2019 14:24	WG1288332
Toxaphene	U		0.0448	0.498	1	06/01/2019 14:24	WG1288332
(S) Decachlorobiphenyl	*69.2*			*10.0-135*		*06/01/2019 14:24*	WG1288332
(S) Tetrachloro-m-xylene	*79.2*			*10.0-139*		*06/01/2019 14:24*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00799	0.0415	1	05/30/2019 20:29	WG1288320
Acenaphthylene	U		0.00835	0.0415	1	05/30/2019 20:29	WG1288320
Anthracene	U		0.00787	0.0415	1	05/30/2019 20:29	WG1288320
Benzidine	U		0.0793	0.415	1	05/30/2019 20:29	WG1288320
Benzo(a)anthracene	U		0.00533	0.0415	1	05/30/2019 20:29	WG1288320
Benzo(b)fluoranthene	U		0.00865	0.0415	1	05/30/2019 20:29	WG1288320
Benzo(k)fluoranthene	U		0.00724	0.0415	1	05/30/2019 20:29	WG1288320
Benzo(g,h,i)perylene	U		0.00897	0.0415	1	05/30/2019 20:29	WG1288320
Benzo(a)pyrene	U		0.00682	0.0415	1	05/30/2019 20:29	WG1288320
Bis(2-chlorethoxy)methane	U		0.00958	0.415	1	05/30/2019 20:29	WG1288320
Bis(2-chloroethyl)ether	U		0.0112	0.415	1	05/30/2019 20:29	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00946	0.415	1	05/30/2019 20:29	WG1288320
4-Bromophenyl-phenylether	U		0.0142	0.415	1	05/30/2019 20:29	WG1288320
2-Chloronaphthalene	U		0.00795	0.0415	1	05/30/2019 20:29	WG1288320
4-Chlorophenyl-phenylether	U		0.00780	0.415	1	05/30/2019 20:29	WG1288320
Chrysene	U		0.00691	0.0415	1	05/30/2019 20:29	WG1288320
Dibenz(a,h)anthracene	U		0.0102	0.0415	1	05/30/2019 20:29	WG1288320
3,3-Dichlorobenzidine	U		0.0988	0.415	1	05/30/2019 20:29	WG1288320
2,4-Dinitrotoluene	U		0.00756	0.415	1	05/30/2019 20:29	WG1288320
2,6-Dinitrotoluene	U		0.00917	0.415	1	05/30/2019 20:29	WG1288320
Fluoranthene	U		0.00617	0.0415	1	05/30/2019 20:29	WG1288320
Fluorene	U		0.00849	0.0415	1	05/30/2019 20:29	WG1288320
Hexachlorobenzene	U		0.0107	0.415	1	05/30/2019 20:29	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0124	0.415	1	05/30/2019 20:29	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0731	0.415	1	05/30/2019 20:29	WG1288320
Hexachloroethane	U		0.0167	0.415	1	05/30/2019 20:29	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00961	0.0415	1	05/30/2019 20:29	WG1288320
Isophorone	U		0.00650	0.415	1	05/30/2019 20:29	WG1288320
Naphthalene	U		0.0111	0.0415	1	05/30/2019 20:29	WG1288320
Nitrobenzene	U		0.00865	0.415	1	05/30/2019 20:29	WG1288320
n-Nitrosodimethylamine	U		0.0805	0.415	1	05/30/2019 20:29	WG1288320
n-Nitrosodiphenylamine	U		0.112	0.415	1	05/30/2019 20:29	WG1288320
n-Nitrosodi-n-propylamine	U		0.0113	0.415	1	05/30/2019 20:29	WG1288320
Phenanthrene	U		0.00657	0.0415	1	05/30/2019 20:29	WG1288320
Benzylbutyl phthalate	U		0.0128	0.415	1	05/30/2019 20:29	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0149	0.415	1	05/30/2019 20:29	WG1288320
Di-n-butyl phthalate	U		0.0136	0.415	1	05/30/2019 20:29	WG1288320
Diethyl phthalate	U		0.00860	0.415	1	05/30/2019 20:29	WG1288320
Dimethyl phthalate	U		0.00672	0.415	1	05/30/2019 20:29	WG1288320
Di-n-octyl phthalate	U		0.0113	0.415	1	05/30/2019 20:29	WG1288320
Pyrene	U		0.0153	0.0415	1	05/30/2019 20:29	WG1288320
1,2,4-Trichlorobenzene	U		0.0109	0.415	1	05/30/2019 20:29	WG1288320
4-Chloro-3-methylphenol	U		0.00594	0.415	1	05/30/2019 20:29	WG1288320
2-Chlorophenol	U		0.0103	0.415	1	05/30/2019 20:29	WG1288320
2,4-Dichlorophenol	U		0.00929	0.415	1	05/30/2019 20:29	WG1288320
2,4-Dimethylphenol	U	J0	0.0586	0.415	1	05/30/2019 20:29	WG1288320
4,6-Dinitro-2-methylphenol	U		0.154	0.415	1	05/30/2019 20:29	WG1288320
2,4-Dinitrophenol	U		0.122	0.415	1	05/30/2019 20:29	WG1288320
2-Nitrophenol	U		0.0162	0.415	1	05/30/2019 20:29	WG1288320
4-Nitrophenol	U		0.0654	0.415	1	05/30/2019 20:29	WG1288320
Pentachlorophenol	U	J0	0.0597	0.415	1	05/30/2019 20:29	WG1288320
Phenol	U		0.00865	0.415	1	05/30/2019 20:29	WG1288320
2,4,6-Trichlorophenol	U		0.00970	0.415	1	05/30/2019 20:29	WG1288320
(S) 2-Fluorophenol	*82.2*			*12.0-120*		*05/30/2019 20:29*	WG1288320
(S) Phenol-d5	*72.0*			*10.0-120*		*05/30/2019 20:29*	WG1288320
(S) Nitrobenzene-d5	*63.1*			*10.0-122*		*05/30/2019 20:29*	WG1288320
(S) 2-Fluorobiphenyl	*69.4*			*15.0-120*		*05/30/2019 20:29*	WG1288320
(S) 2,4,6-Tribromophenol	*66.9*			*10.0-127*		*05/30/2019 20:29*	WG1288320
(S) p-Terphenyl-d14	*78.7*			*10.0-120*		*05/30/2019 20:29*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.1		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00166	0.0246	1	06/01/2019 15:08	WG1288332
Alpha BHC	U		0.00168	0.0246	1	06/01/2019 15:08	WG1288332
Beta BHC	U		0.00197	0.0246	1	06/01/2019 15:08	WG1288332
Delta BHC	U		0.00176	0.0246	1	06/01/2019 15:08	WG1288332
Gamma BHC	U		0.00179	0.0246	1	06/01/2019 15:08	WG1288332
Chlordane	U		0.0481	0.246	1	06/01/2019 15:08	WG1288332
4,4-DDD	U		0.00192	0.0246	1	06/01/2019 15:08	WG1288332
4,4-DDE	U		0.00190	0.0246	1	06/01/2019 15:08	WG1288332
4,4-DDT	U		0.00246	0.0246	1	06/01/2019 15:08	WG1288332
Dieldrin	U		0.00187	0.0246	1	06/01/2019 15:08	WG1288332
Endosulfan I	U		0.00184	0.0246	1	06/01/2019 15:08	WG1288332
Endosulfan II	U		0.00197	0.0246	1	06/01/2019 15:08	WG1288332
Endosulfan sulfate	U		0.00186	0.0246	1	06/01/2019 15:08	WG1288332
Endrin	U		0.00193	0.0246	1	06/01/2019 15:08	WG1288332
Endrin aldehyde	U		0.00159	0.0246	1	06/01/2019 15:08	WG1288332
Endrin ketone	U		0.00203	0.0246	1	06/01/2019 15:08	WG1288332
Hexachlorobenzene	U		0.00153	0.0246	1	06/01/2019 15:08	WG1288332
Heptachlor	U		0.00190	0.0246	1	06/01/2019 15:08	WG1288332
Heptachlor epoxide	U		0.00198	0.0246	1	06/01/2019 15:08	WG1288332
Methoxychlor	U		0.00219	0.0246	1	06/01/2019 15:08	WG1288332
Toxaphene	U		0.0444	0.493	1	06/01/2019 15:08	WG1288332
(S) Decachlorobiphenyl	*66.2*			*10.0-135*		*06/01/2019 15:08*	WG1288332
(S) Tetrachloro-m-xylene	*80.8*			*10.0-139*		*06/01/2019 15:08*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00791	0.0410	1	05/30/2019 19:11	WG1288320
Acenaphthylene	U		0.00827	0.0410	1	05/30/2019 19:11	WG1288320
Anthracene	U		0.00779	0.0410	1	05/30/2019 19:11	WG1288320
Benzidine	U		0.0785	0.410	1	05/30/2019 19:11	WG1288320
Benzo(a)anthracene	U		0.00527	0.0410	1	05/30/2019 19:11	WG1288320
Benzo(b)fluoranthene	U		0.00857	0.0410	1	05/30/2019 19:11	WG1288320
Benzo(k)fluoranthene	U		0.00717	0.0410	1	05/30/2019 19:11	WG1288320
Benzo(g,h,i)perylene	U		0.00889	0.0410	1	05/30/2019 19:11	WG1288320
Benzo(a)pyrene	U		0.00675	0.0410	1	05/30/2019 19:11	WG1288320
Bis(2-chlorethoxy)methane	U		0.00949	0.410	1	05/30/2019 19:11	WG1288320
Bis(2-chloroethyl)ether	U		0.0110	0.410	1	05/30/2019 19:11	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00937	0.410	1	05/30/2019 19:11	WG1288320
4-Bromophenyl-phenylether	U		0.0140	0.410	1	05/30/2019 19:11	WG1288320
2-Chloronaphthalene	U		0.00788	0.0410	1	05/30/2019 19:11	WG1288320
4-Chlorophenyl-phenylether	U		0.00773	0.410	1	05/30/2019 19:11	WG1288320
Chrysene	U		0.00684	0.0410	1	05/30/2019 19:11	WG1288320
Dibenz(a,h)anthracene	U		0.0101	0.0410	1	05/30/2019 19:11	WG1288320
3,3-Dichlorobenzidine	U		0.0979	0.410	1	05/30/2019 19:11	WG1288320
2,4-Dinitrotoluene	U		0.00748	0.410	1	05/30/2019 19:11	WG1288320
2,6-Dinitrotoluene	U		0.00908	0.410	1	05/30/2019 19:11	WG1288320
Fluoranthene	U		0.00611	0.0410	1	05/30/2019 19:11	WG1288320
Fluorene	U		0.00841	0.0410	1	05/30/2019 19:11	WG1288320
Hexachlorobenzene	U		0.0105	0.410	1	05/30/2019 19:11	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0123	0.410	1	05/30/2019 19:11	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0723	0.410	1	05/30/2019 19:11	WG1288320
Hexachloroethane	U		0.0165	0.410	1	05/30/2019 19:11	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00951	0.0410	1	05/30/2019 19:11	WG1288320
Isophorone	U		0.00643	0.410	1	05/30/2019 19:11	WG1288320
Naphthalene	U		0.0110	0.0410	1	05/30/2019 19:11	WG1288320
Nitrobenzene	U		0.00857	0.410	1	05/30/2019 19:11	WG1288320
n-Nitrosodimethylamine	U		0.0797	0.410	1	05/30/2019 19:11	WG1288320
n-Nitrosodiphenylamine	U		0.111	0.410	1	05/30/2019 19:11	WG1288320
n-Nitrosodi-n-propylamine	U		0.0112	0.410	1	05/30/2019 19:11	WG1288320
Phenanthrene	U		0.00651	0.0410	1	05/30/2019 19:11	WG1288320
Benzylbutyl phthalate	U		0.0127	0.410	1	05/30/2019 19:11	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0148	0.410	1	05/30/2019 19:11	WG1288320
Di-n-butyl phthalate	U		0.0134	0.410	1	05/30/2019 19:11	WG1288320
Diethyl phthalate	U		0.00852	0.410	1	05/30/2019 19:11	WG1288320
Dimethyl phthalate	U		0.00666	0.410	1	05/30/2019 19:11	WG1288320
Di-n-octyl phthalate	U		0.0112	0.410	1	05/30/2019 19:11	WG1288320
Pyrene	U		0.0152	0.0410	1	05/30/2019 19:11	WG1288320
1,2,4-Trichlorobenzene	U		0.0108	0.410	1	05/30/2019 19:11	WG1288320
4-Chloro-3-methylphenol	U		0.00588	0.410	1	05/30/2019 19:11	WG1288320
2-Chlorophenol	U		0.0102	0.410	1	05/30/2019 19:11	WG1288320
2,4-Dichlorophenol	U		0.00919	0.410	1	05/30/2019 19:11	WG1288320
2,4-Dimethylphenol	U	J0	0.0580	0.410	1	05/30/2019 19:11	WG1288320
4,6-Dinitro-2-methylphenol	U		0.153	0.410	1	05/30/2019 19:11	WG1288320
2,4-Dinitrophenol	U		0.121	0.410	1	05/30/2019 19:11	WG1288320
2-Nitrophenol	U		0.0160	0.410	1	05/30/2019 19:11	WG1288320
4-Nitrophenol	U		0.0647	0.410	1	05/30/2019 19:11	WG1288320
Pentachlorophenol	U	J0	0.0592	0.410	1	05/30/2019 19:11	WG1288320
Phenol	U		0.00857	0.410	1	05/30/2019 19:11	WG1288320
2,4,6-Trichlorophenol	U		0.00960	0.410	1	05/30/2019 19:11	WG1288320
(S) 2-Fluorophenol	*74.1*			*12.0-120*		*05/30/2019 19:11*	WG1288320
(S) Phenol-d5	*68.0*			*10.0-120*		*05/30/2019 19:11*	WG1288320
(S) Nitrobenzene-d5	*63.6*			*10.0-122*		*05/30/2019 19:11*	WG1288320
(S) 2-Fluorobiphenyl	*67.3*			*15.0-120*		*05/30/2019 19:11*	WG1288320
(S) 2,4,6-Tribromophenol	*80.2*			*10.0-127*		*05/30/2019 19:11*	WG1288320
(S) p-Terphenyl-d14	*83.9*			*10.0-120*		*05/30/2019 19:11*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.8		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00167	0.0248	1	06/01/2019 15:23	WG1288332
Alpha BHC	U		0.00168	0.0248	1	06/01/2019 15:23	WG1288332
Beta BHC	U		0.00198	0.0248	1	06/01/2019 15:23	WG1288332
Delta BHC	U		0.00177	0.0248	1	06/01/2019 15:23	WG1288332
Gamma BHC	U		0.00180	0.0248	1	06/01/2019 15:23	WG1288332
Chlordane	U		0.0483	0.248	1	06/01/2019 15:23	WG1288332
4,4-DDD	U		0.00193	0.0248	1	06/01/2019 15:23	WG1288332
4,4-DDE	U		0.00191	0.0248	1	06/01/2019 15:23	WG1288332
4,4-DDT	U		0.00248	0.0248	1	06/01/2019 15:23	WG1288332
Dieldrin	U		0.00188	0.0248	1	06/01/2019 15:23	WG1288332
Endosulfan I	U		0.00185	0.0248	1	06/01/2019 15:23	WG1288332
Endosulfan II	U		0.00198	0.0248	1	06/01/2019 15:23	WG1288332
Endosulfan sulfate	U		0.00187	0.0248	1	06/01/2019 15:23	WG1288332
Endrin	U		0.00194	0.0248	1	06/01/2019 15:23	WG1288332
Endrin aldehyde	U		0.00160	0.0248	1	06/01/2019 15:23	WG1288332
Endrin ketone	U		0.00204	0.0248	1	06/01/2019 15:23	WG1288332
Hexachlorobenzene	U		0.00154	0.0248	1	06/01/2019 15:23	WG1288332
Heptachlor	U		0.00191	0.0248	1	06/01/2019 15:23	WG1288332
Heptachlor epoxide	U		0.00199	0.0248	1	06/01/2019 15:23	WG1288332
Methoxychlor	U		0.00220	0.0248	1	06/01/2019 15:23	WG1288332
Toxaphene	U		0.0446	0.495	1	06/01/2019 15:23	WG1288332
(S) Decachlorobiphenyl	*69.2*			*10.0-135*		*06/01/2019 15:23*	WG1288332
(S) Tetrachloro-m-xylene	*76.5*			*10.0-139*		*06/01/2019 15:23*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00795	0.0412	1	05/30/2019 21:47	WG1288320
Acenaphthylene	U		0.00831	0.0412	1	05/30/2019 21:47	WG1288320
Anthracene	U		0.00783	0.0412	1	05/30/2019 21:47	WG1288320
Benzidine	U		0.0789	0.412	1	05/30/2019 21:47	WG1288320
Benzo(a)anthracene	U		0.00530	0.0412	1	05/30/2019 21:47	WG1288320
Benzo(b)fluoranthene	U		0.00861	0.0412	1	05/30/2019 21:47	WG1288320
Benzo(k)fluoranthene	U		0.00721	0.0412	1	05/30/2019 21:47	WG1288320
Benzo(g,h,i)perylene	U		0.00893	0.0412	1	05/30/2019 21:47	WG1288320
Benzo(a)pyrene	U		0.00679	0.0412	1	05/30/2019 21:47	WG1288320
Bis(2-chlorethoxy)methane	U		0.00953	0.412	1	05/30/2019 21:47	WG1288320
Bis(2-chloroethyl)ether	U		0.0111	0.412	1	05/30/2019 21:47	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00941	0.412	1	05/30/2019 21:47	WG1288320
4-Bromophenyl-phenylether	U		0.0141	0.412	1	05/30/2019 21:47	WG1288320
2-Chloronaphthalene	U		0.00791	0.0412	1	05/30/2019 21:47	WG1288320
4-Chlorophenyl-phenylether	U		0.00776	0.412	1	05/30/2019 21:47	WG1288320
Chrysene	U		0.00687	0.0412	1	05/30/2019 21:47	WG1288320
Dibenz(a,h)anthracene	U		0.0102	0.0412	1	05/30/2019 21:47	WG1288320
3,3-Dichlorobenzidine	U		0.0983	0.412	1	05/30/2019 21:47	WG1288320
2,4-Dinitrotoluene	U		0.00752	0.412	1	05/30/2019 21:47	WG1288320
2,6-Dinitrotoluene	U		0.00913	0.412	1	05/30/2019 21:47	WG1288320
Fluoranthene	U		0.00614	0.0412	1	05/30/2019 21:47	WG1288320
Fluorene	U		0.00844	0.0412	1	05/30/2019 21:47	WG1288320
Hexachlorobenzene	U		0.0106	0.412	1	05/30/2019 21:47	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0124	0.412	1	05/30/2019 21:47	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0727	0.412	1	05/30/2019 21:47	WG1288320
Hexachloroethane	U		0.0166	0.412	1	05/30/2019 21:47	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00956	0.0412	1	05/30/2019 21:47	WG1288320
Isophorone	U		0.00646	0.412	1	05/30/2019 21:47	WG1288320
Naphthalene	U		0.0110	0.0412	1	05/30/2019 21:47	WG1288320
Nitrobenzene	U		0.00861	0.412	1	05/30/2019 21:47	WG1288320
n-Nitrosodimethylamine	U		0.0801	0.412	1	05/30/2019 21:47	WG1288320
n-Nitrosodiphenylamine	U		0.111	0.412	1	05/30/2019 21:47	WG1288320
n-Nitrosodi-n-propylamine	U		0.0112	0.412	1	05/30/2019 21:47	WG1288320
Phenanthrene	U		0.00654	0.0412	1	05/30/2019 21:47	WG1288320
Benzylbutyl phthalate	U		0.0128	0.412	1	05/30/2019 21:47	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0149	0.412	1	05/30/2019 21:47	WG1288320
Di-n-butyl phthalate	U		0.0135	0.412	1	05/30/2019 21:47	WG1288320
Diethyl phthalate	U		0.00856	0.412	1	05/30/2019 21:47	WG1288320
Dimethyl phthalate	U		0.00669	0.412	1	05/30/2019 21:47	WG1288320
Di-n-octyl phthalate	U		0.0112	0.412	1	05/30/2019 21:47	WG1288320
Pyrene	U		0.0152	0.0412	1	05/30/2019 21:47	WG1288320
1,2,4-Trichlorobenzene	U		0.0108	0.412	1	05/30/2019 21:47	WG1288320
4-Chloro-3-methylphenol	U		0.00591	0.412	1	05/30/2019 21:47	WG1288320
2-Chlorophenol	U		0.0103	0.412	1	05/30/2019 21:47	WG1288320
2,4-Dichlorophenol	U		0.00924	0.412	1	05/30/2019 21:47	WG1288320
2,4-Dimethylphenol	U	J0	0.0583	0.412	1	05/30/2019 21:47	WG1288320
4,6-Dinitro-2-methylphenol	U		0.154	0.412	1	05/30/2019 21:47	WG1288320
2,4-Dinitrophenol	U		0.121	0.412	1	05/30/2019 21:47	WG1288320
2-Nitrophenol	U		0.0161	0.412	1	05/30/2019 21:47	WG1288320
4-Nitrophenol	U		0.0650	0.412	1	05/30/2019 21:47	WG1288320
Pentachlorophenol	U	J0	0.0594	0.412	1	05/30/2019 21:47	WG1288320
Phenol	U		0.00861	0.412	1	05/30/2019 21:47	WG1288320
2,4,6-Trichlorophenol	U		0.00965	0.412	1	05/30/2019 21:47	WG1288320
(S) 2-Fluorophenol	*84.6*			*12.0-120*		*05/30/2019 21:47*	WG1288320
(S) Phenol-d5	*72.5*			*10.0-120*		*05/30/2019 21:47*	WG1288320
(S) Nitrobenzene-d5	*64.2*			*10.0-122*		*05/30/2019 21:47*	WG1288320
(S) 2-Fluorobiphenyl	*66.0*			*15.0-120*		*05/30/2019 21:47*	WG1288320
(S) 2,4,6-Tribromophenol	*72.8*			*10.0-127*		*05/30/2019 21:47*	WG1288320
(S) p-Terphenyl-d14	*79.3*			*10.0-120*		*05/30/2019 21:47*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.3		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00160	0.0237	1	06/01/2019 15:38	WG1288332
Alpha BHC	U		0.00161	0.0237	1	06/01/2019 15:38	WG1288332
Beta BHC	U		0.00190	0.0237	1	06/01/2019 15:38	WG1288332
Delta BHC	U		0.00170	0.0237	1	06/01/2019 15:38	WG1288332
Gamma BHC	U		0.00172	0.0237	1	06/01/2019 15:38	WG1288332
Chlordane	U		0.0463	0.237	1	06/01/2019 15:38	WG1288332
4,4-DDD	U		0.00185	0.0237	1	06/01/2019 15:38	WG1288332
4,4-DDE	U		0.00183	0.0237	1	06/01/2019 15:38	WG1288332
4,4-DDT	U		0.00237	0.0237	1	06/01/2019 15:38	WG1288332
Dieldrin	U		0.00180	0.0237	1	06/01/2019 15:38	WG1288332
Endosulfan I	U		0.00177	0.0237	1	06/01/2019 15:38	WG1288332
Endosulfan II	U		0.00190	0.0237	1	06/01/2019 15:38	WG1288332
Endosulfan sulfate	U		0.00179	0.0237	1	06/01/2019 15:38	WG1288332
Endrin	U		0.00186	0.0237	1	06/01/2019 15:38	WG1288332
Endrin aldehyde	U		0.00153	0.0237	1	06/01/2019 15:38	WG1288332
Endrin ketone	U		0.00196	0.0237	1	06/01/2019 15:38	WG1288332
Hexachlorobenzene	U		0.00147	0.0237	1	06/01/2019 15:38	WG1288332
Heptachlor	U		0.00183	0.0237	1	06/01/2019 15:38	WG1288332
Heptachlor epoxide	U		0.00191	0.0237	1	06/01/2019 15:38	WG1288332
Methoxychlor	U		0.00211	0.0237	1	06/01/2019 15:38	WG1288332
Toxaphene	U		0.0427	0.475	1	06/01/2019 15:38	WG1288332
(S) Decachlorobiphenyl	*66.9*			*10.0-135*		*06/01/2019 15:38*	WG1288332
(S) Tetrachloro-m-xylene	*77.7*			*10.0-139*		*06/01/2019 15:38*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00762	0.0395	1	05/30/2019 20:10	WG1288320
Acenaphthylene	U		0.00796	0.0395	1	05/30/2019 20:10	WG1288320
Anthracene	U		0.00750	0.0395	1	05/30/2019 20:10	WG1288320
Benzidine	U		0.0756	0.395	1	05/30/2019 20:10	WG1288320
Benzo(a)anthracene	U		0.00508	0.0395	1	05/30/2019 20:10	WG1288320
Benzo(b)fluoranthene	U		0.00825	0.0395	1	05/30/2019 20:10	WG1288320
Benzo(k)fluoranthene	U		0.00691	0.0395	1	05/30/2019 20:10	WG1288320
Benzo(g,h,i)perylene	U		0.00855	0.0395	1	05/30/2019 20:10	WG1288320
Benzo(a)pyrene	U		0.00650	0.0395	1	05/30/2019 20:10	WG1288320
Bis(2-chlorethoxy)methane	U		0.00914	0.395	1	05/30/2019 20:10	WG1288320
Bis(2-chloroethyl)ether	U		0.0106	0.395	1	05/30/2019 20:10	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00902	0.395	1	05/30/2019 20:10	WG1288320
4-Bromophenyl-phenylether	U		0.0135	0.395	1	05/30/2019 20:10	WG1288320
2-Chloronaphthalene	U		0.00758	0.0395	1	05/30/2019 20:10	WG1288320
4-Chlorophenyl-phenylether	U		0.00744	0.395	1	05/30/2019 20:10	WG1288320
Chrysene	U		0.00658	0.0395	1	05/30/2019 20:10	WG1288320
Dibenz(a,h)anthracene	U		0.00974	0.0395	1	05/30/2019 20:10	WG1288320
3,3-Dichlorobenzidine	U		0.0942	0.395	1	05/30/2019 20:10	WG1288320
2,4-Dinitrotoluene	U		0.00720	0.395	1	05/30/2019 20:10	WG1288320
2,6-Dinitrotoluene	U		0.00874	0.395	1	05/30/2019 20:10	WG1288320
Fluoranthene	U		0.00588	0.0395	1	05/30/2019 20:10	WG1288320
Fluorene	U		0.00809	0.0395	1	05/30/2019 20:10	WG1288320
Hexachlorobenzene	U		0.0102	0.395	1	05/30/2019 20:10	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.395	1	05/30/2019 20:10	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0696	0.395	1	05/30/2019 20:10	WG1288320
Hexachloroethane	U		0.0159	0.395	1	05/30/2019 20:10	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00916	0.0395	1	05/30/2019 20:10	WG1288320
Isophorone	U		0.00619	0.395	1	05/30/2019 20:10	WG1288320
Naphthalene	U		0.0105	0.0395	1	05/30/2019 20:10	WG1288320
Nitrobenzene	U		0.00825	0.395	1	05/30/2019 20:10	WG1288320
n-Nitrosodimethylamine	U		0.0768	0.395	1	05/30/2019 20:10	WG1288320
n-Nitrosodiphenylamine	U		0.107	0.395	1	05/30/2019 20:10	WG1288320
n-Nitrosodi-n-propylamine	U		0.0107	0.395	1	05/30/2019 20:10	WG1288320
Phenanthrene	U		0.00626	0.0395	1	05/30/2019 20:10	WG1288320
Benzylbutyl phthalate	U		0.0122	0.395	1	05/30/2019 20:10	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0142	0.395	1	05/30/2019 20:10	WG1288320
Di-n-butyl phthalate	U		0.0129	0.395	1	05/30/2019 20:10	WG1288320
Diethyl phthalate	U		0.00820	0.395	1	05/30/2019 20:10	WG1288320
Dimethyl phthalate	U		0.00641	0.395	1	05/30/2019 20:10	WG1288320
Di-n-octyl phthalate	U		0.0108	0.395	1	05/30/2019 20:10	WG1288320
Pyrene	U		0.0146	0.0395	1	05/30/2019 20:10	WG1288320
1,2,4-Trichlorobenzene	U		0.0104	0.395	1	05/30/2019 20:10	WG1288320
4-Chloro-3-methylphenol	U		0.00566	0.395	1	05/30/2019 20:10	WG1288320
2-Chlorophenol	U		0.00986	0.395	1	05/30/2019 20:10	WG1288320
2,4-Dichlorophenol	U		0.00885	0.395	1	05/30/2019 20:10	WG1288320
2,4-Dimethylphenol	U	J0	0.0559	0.395	1	05/30/2019 20:10	WG1288320
4,6-Dinitro-2-methylphenol	U		0.147	0.395	1	05/30/2019 20:10	WG1288320
2,4-Dinitrophenol	U		0.116	0.395	1	05/30/2019 20:10	WG1288320
2-Nitrophenol	U		0.0154	0.395	1	05/30/2019 20:10	WG1288320
4-Nitrophenol	U		0.0623	0.395	1	05/30/2019 20:10	WG1288320
Pentachlorophenol	U	J0	0.0569	0.395	1	05/30/2019 20:10	WG1288320
Phenol	U		0.00825	0.395	1	05/30/2019 20:10	WG1288320
2,4,6-Trichlorophenol	U		0.00924	0.395	1	05/30/2019 20:10	WG1288320
(S) 2-Fluorophenol	*81.4*			*12.0-120*		*05/30/2019 20:10*	WG1288320
(S) Phenol-d5	*71.4*			*10.0-120*		*05/30/2019 20:10*	WG1288320
(S) Nitrobenzene-d5	*60.9*			*10.0-122*		*05/30/2019 20:10*	WG1288320
(S) 2-Fluorobiphenyl	*66.7*			*15.0-120*		*05/30/2019 20:10*	WG1288320
(S) 2,4,6-Tribromophenol	*66.1*			*10.0-127*		*05/30/2019 20:10*	WG1288320
(S) p-Terphenyl-d14	*79.1*			*10.0-120*		*05/30/2019 20:10*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.8		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00157	0.0233	1	06/01/2019 15:53	WG1288332
Alpha BHC	U		0.00158	0.0233	1	06/01/2019 15:53	WG1288332
Beta BHC	U		0.00186	0.0233	1	06/01/2019 15:53	WG1288332
Delta BHC	U		0.00167	0.0233	1	06/01/2019 15:53	WG1288332
Gamma BHC	U		0.00169	0.0233	1	06/01/2019 15:53	WG1288332
Chlordane	U		0.0454	0.233	1	06/01/2019 15:53	WG1288332
4,4-DDD	U		0.00182	0.0233	1	06/01/2019 15:53	WG1288332
4,4-DDE	U		0.00179	0.0233	1	06/01/2019 15:53	WG1288332
4,4-DDT	U		0.00233	0.0233	1	06/01/2019 15:53	WG1288332
Dieldrin	U		0.00177	0.0233	1	06/01/2019 15:53	WG1288332
Endosulfan I	U		0.00174	0.0233	1	06/01/2019 15:53	WG1288332
Endosulfan II	U		0.00186	0.0233	1	06/01/2019 15:53	WG1288332
Endosulfan sulfate	U		0.00176	0.0233	1	06/01/2019 15:53	WG1288332
Endrin	U		0.00183	0.0233	1	06/01/2019 15:53	WG1288332
Endrin aldehyde	U		0.00150	0.0233	1	06/01/2019 15:53	WG1288332
Endrin ketone	U		0.00192	0.0233	1	06/01/2019 15:53	WG1288332
Hexachlorobenzene	U		0.00144	0.0233	1	06/01/2019 15:53	WG1288332
Heptachlor	U		0.00179	0.0233	1	06/01/2019 15:53	WG1288332
Heptachlor epoxide	U		0.00188	0.0233	1	06/01/2019 15:53	WG1288332
Methoxychlor	U		0.00207	0.0233	1	06/01/2019 15:53	WG1288332
Toxaphene	U		0.0419	0.466	1	06/01/2019 15:53	WG1288332
(S) Decachlorobiphenyl	*54.8*			*10.0-135*		*06/01/2019 15:53*	WG1288332
(S) Tetrachloro-m-xylene	*73.2*			*10.0-139*		*06/01/2019 15:53*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00748	0.0388	1	05/30/2019 17:14	WG1288320
Acenaphthylene	U		0.00782	0.0388	1	05/30/2019 17:14	WG1288320
Anthracene	U		0.00736	0.0388	1	05/30/2019 17:14	WG1288320
Benzidine	U		0.0742	0.388	1	05/30/2019 17:14	WG1288320
Benzo(a)anthracene	U		0.00499	0.0388	1	05/30/2019 17:14	WG1288320
Benzo(b)fluoranthene	U		0.00810	0.0388	1	05/30/2019 17:14	WG1288320
Benzo(k)fluoranthene	U		0.00678	0.0388	1	05/30/2019 17:14	WG1288320
Benzo(g,h,i)perylene	U		0.00840	0.0388	1	05/30/2019 17:14	WG1288320
Benzo(a)pyrene	U		0.00638	0.0388	1	05/30/2019 17:14	WG1288320
Bis(2-chlorethoxy)methane	U		0.00897	0.388	1	05/30/2019 17:14	WG1288320
Bis(2-chloroethyl)ether	U		0.0104	0.388	1	05/30/2019 17:14	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00885	0.388	1	05/30/2019 17:14	WG1288320
4-Bromophenyl-phenylether	U		0.0133	0.388	1	05/30/2019 17:14	WG1288320
2-Chloronaphthalene	U		0.00744	0.0388	1	05/30/2019 17:14	WG1288320
4-Chlorophenyl-phenylether	U		0.00730	0.388	1	05/30/2019 17:14	WG1288320
Chrysene	U		0.00647	0.0388	1	05/30/2019 17:14	WG1288320
Dibenz(a,h)anthracene	U		0.00956	0.0388	1	05/30/2019 17:14	WG1288320
3,3-Dichlorobenzidine	U		0.0925	0.388	1	05/30/2019 17:14	WG1288320
2,4-Dinitrotoluene	U		0.00707	0.388	1	05/30/2019 17:14	WG1288320
2,6-Dinitrotoluene	U		0.00859	0.388	1	05/30/2019 17:14	WG1288320
Fluoranthene	U		0.00578	0.0388	1	05/30/2019 17:14	WG1288320
Fluorene	U		0.00794	0.0388	1	05/30/2019 17:14	WG1288320
Hexachlorobenzene	U		0.00997	0.388	1	05/30/2019 17:14	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0116	0.388	1	05/30/2019 17:14	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0684	0.388	1	05/30/2019 17:14	WG1288320
Hexachloroethane	U		0.0156	0.388	1	05/30/2019 17:14	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00899	0.0388	1	05/30/2019 17:14	WG1288320
Isophorone	U		0.00608	0.388	1	05/30/2019 17:14	WG1288320
Naphthalene	U		0.0104	0.0388	1	05/30/2019 17:14	WG1288320
Nitrobenzene	U		0.00810	0.388	1	05/30/2019 17:14	WG1288320
n-Nitrosodimethylamine	U		0.0754	0.388	1	05/30/2019 17:14	WG1288320
n-Nitrosodiphenylamine	U		0.105	0.388	1	05/30/2019 17:14	WG1288320
n-Nitrosodi-n-propylamine	U		0.0106	0.388	1	05/30/2019 17:14	WG1288320
Phenanthrene	U		0.00615	0.0388	1	05/30/2019 17:14	WG1288320
Benzylbutyl phthalate	U		0.0120	0.388	1	05/30/2019 17:14	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0140	0.388	1	05/30/2019 17:14	WG1288320
Di-n-butyl phthalate	U		0.0127	0.388	1	05/30/2019 17:14	WG1288320
Diethyl phthalate	U		0.00805	0.388	1	05/30/2019 17:14	WG1288320
Dimethyl phthalate	U		0.00629	0.388	1	05/30/2019 17:14	WG1288320
Di-n-octyl phthalate	U		0.0106	0.388	1	05/30/2019 17:14	WG1288320
Pyrene	U		0.0143	0.0388	1	05/30/2019 17:14	WG1288320
1,2,4-Trichlorobenzene	U		0.0102	0.388	1	05/30/2019 17:14	WG1288320
4-Chloro-3-methylphenol	U		0.00556	0.388	1	05/30/2019 17:14	WG1288320
2-Chlorophenol	U		0.00968	0.388	1	05/30/2019 17:14	WG1288320
2,4-Dichlorophenol	U		0.00869	0.388	1	05/30/2019 17:14	WG1288320
2,4-Dimethylphenol	U	J0	0.0549	0.388	1	05/30/2019 17:14	WG1288320
4,6-Dinitro-2-methylphenol	U		0.144	0.388	1	05/30/2019 17:14	WG1288320
2,4-Dinitrophenol	U		0.114	0.388	1	05/30/2019 17:14	WG1288320
2-Nitrophenol	U		0.0151	0.388	1	05/30/2019 17:14	WG1288320
4-Nitrophenol	U		0.0612	0.388	1	05/30/2019 17:14	WG1288320
Pentachlorophenol	U	J0	0.0559	0.388	1	05/30/2019 17:14	WG1288320
Phenol	U		0.00810	0.388	1	05/30/2019 17:14	WG1288320
2,4,6-Trichlorophenol	U		0.00907	0.388	1	05/30/2019 17:14	WG1288320
(S) 2-Fluorophenol	*86.0*			*12.0-120*		*05/30/2019 17:14*	WG1288320
(S) Phenol-d5	*76.2*			*10.0-120*		*05/30/2019 17:14*	WG1288320
(S) Nitrobenzene-d5	*69.4*			*10.0-122*		*05/30/2019 17:14*	WG1288320
(S) 2-Fluorobiphenyl	*76.5*			*15.0-120*		*05/30/2019 17:14*	WG1288320
(S) 2,4,6-Tribromophenol	*82.1*			*10.0-127*		*05/30/2019 17:14*	WG1288320
(S) p-Terphenyl-d14	*82.1*			*10.0-120*		*05/30/2019 17:14*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.6		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00156	0.0231	1	06/01/2019 16:07	WG1288332
Alpha BHC	U		0.00157	0.0231	1	06/01/2019 16:07	WG1288332
Beta BHC	U		0.00185	0.0231	1	06/01/2019 16:07	WG1288332
Delta BHC	U		0.00165	0.0231	1	06/01/2019 16:07	WG1288332
Gamma BHC	U		0.00167	0.0231	1	06/01/2019 16:07	WG1288332
Chlordane	U		0.0450	0.231	1	06/01/2019 16:07	WG1288332
4,4-DDD	U		0.00180	0.0231	1	06/01/2019 16:07	WG1288332
4,4-DDE	U		0.00178	0.0231	1	06/01/2019 16:07	WG1288332
4,4-DDT	U		0.00231	0.0231	1	06/01/2019 16:07	WG1288332
Dieldrin	U		0.00175	0.0231	1	06/01/2019 16:07	WG1288332
Endosulfan I	U		0.00172	0.0231	1	06/01/2019 16:07	WG1288332
Endosulfan II	U		0.00185	0.0231	1	06/01/2019 16:07	WG1288332
Endosulfan sulfate	U		0.00174	0.0231	1	06/01/2019 16:07	WG1288332
Endrin	U		0.00181	0.0231	1	06/01/2019 16:07	WG1288332
Endrin aldehyde	U		0.00149	0.0231	1	06/01/2019 16:07	WG1288332
Endrin ketone	U		0.00190	0.0231	1	06/01/2019 16:07	WG1288332
Hexachlorobenzene	U		0.00143	0.0231	1	06/01/2019 16:07	WG1288332
Heptachlor	U		0.00178	0.0231	1	06/01/2019 16:07	WG1288332
Heptachlor epoxide	U		0.00186	0.0231	1	06/01/2019 16:07	WG1288332
Methoxychlor	U		0.00205	0.0231	1	06/01/2019 16:07	WG1288332
Toxaphene	U		0.0416	0.462	1	06/01/2019 16:07	WG1288332
(S) Decachlorobiphenyl	*72.1*			*10.0-135*		*06/01/2019 16:07*	WG1288332
(S) Tetrachloro-m-xylene	*80.6*			*10.0-139*		*06/01/2019 16:07*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00741	0.0384	1	05/30/2019 23:05	WG1288320
Acenaphthylene	U		0.00775	0.0384	1	05/30/2019 23:05	WG1288320
Anthracene	U		0.00730	0.0384	1	05/30/2019 23:05	WG1288320
Benzidine	U		0.0735	0.384	1	05/30/2019 23:05	WG1288320
Benzo(a)anthracene	U		0.00494	0.0384	1	05/30/2019 23:05	WG1288320
Benzo(b)fluoranthene	U		0.00802	0.0384	1	05/30/2019 23:05	WG1288320
Benzo(k)fluoranthene	U		0.00672	0.0384	1	05/30/2019 23:05	WG1288320
Benzo(g,h,i)perylene	U		0.00832	0.0384	1	05/30/2019 23:05	WG1288320
Benzo(a)pyrene	U		0.00633	0.0384	1	05/30/2019 23:05	WG1288320
Bis(2-chlorethoxy)methane	U		0.00889	0.384	1	05/30/2019 23:05	WG1288320
Bis(2-chloroethyl)ether	U		0.0103	0.384	1	05/30/2019 23:05	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00877	0.384	1	05/30/2019 23:05	WG1288320
4-Bromophenyl-phenylether	U		0.0132	0.384	1	05/30/2019 23:05	WG1288320
2-Chloronaphthalene	U		0.00738	0.0384	1	05/30/2019 23:05	WG1288320
4-Chlorophenyl-phenylether	U		0.00724	0.384	1	05/30/2019 23:05	WG1288320
Chrysene	U		0.00641	0.0384	1	05/30/2019 23:05	WG1288320
Dibenz(a,h)anthracene	U		0.00948	0.0384	1	05/30/2019 23:05	WG1288320
3,3-Dichlorobenzidine	U		0.0917	0.384	1	05/30/2019 23:05	WG1288320
2,4-Dinitrotoluene	U		0.00701	0.384	1	05/30/2019 23:05	WG1288320
2,6-Dinitrotoluene	U		0.00851	0.384	1	05/30/2019 23:05	WG1288320
Fluoranthene	U		0.00573	0.0384	1	05/30/2019 23:05	WG1288320
Fluorene	U		0.00787	0.0384	1	05/30/2019 23:05	WG1288320
Hexachlorobenzene	U		0.00988	0.384	1	05/30/2019 23:05	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0115	0.384	1	05/30/2019 23:05	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0678	0.384	1	05/30/2019 23:05	WG1288320
Hexachloroethane	U		0.0155	0.384	1	05/30/2019 23:05	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00891	0.0384	1	05/30/2019 23:05	WG1288320
Isophorone	U		0.00603	0.384	1	05/30/2019 23:05	WG1288320
Naphthalene	U		0.0103	0.0384	1	05/30/2019 23:05	WG1288320
Nitrobenzene	U		0.00802	0.384	1	05/30/2019 23:05	WG1288320
n-Nitrosodimethylamine	U		0.0747	0.384	1	05/30/2019 23:05	WG1288320
n-Nitrosodiphenylamine	U		0.104	0.384	1	05/30/2019 23:05	WG1288320
n-Nitrosodi-n-propylamine	U		0.0105	0.384	1	05/30/2019 23:05	WG1288320
Phenanthrene	U		0.00610	0.0384	1	05/30/2019 23:05	WG1288320
Benzylbutyl phthalate	U		0.0119	0.384	1	05/30/2019 23:05	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0139	0.384	1	05/30/2019 23:05	WG1288320
Di-n-butyl phthalate	U		0.0126	0.384	1	05/30/2019 23:05	WG1288320
Diethyl phthalate	U		0.00798	0.384	1	05/30/2019 23:05	WG1288320
Dimethyl phthalate	U		0.00623	0.384	1	05/30/2019 23:05	WG1288320
Di-n-octyl phthalate	U		0.0105	0.384	1	05/30/2019 23:05	WG1288320
Pyrene	U		0.0142	0.0384	1	05/30/2019 23:05	WG1288320
1,2,4-Trichlorobenzene	U		0.0101	0.384	1	05/30/2019 23:05	WG1288320
4-Chloro-3-methylphenol	U		0.00551	0.384	1	05/30/2019 23:05	WG1288320
2-Chlorophenol	U		0.00959	0.384	1	05/30/2019 23:05	WG1288320
2,4-Dichlorophenol	U		0.00861	0.384	1	05/30/2019 23:05	WG1288320
2,4-Dimethylphenol	U	J0	0.0544	0.384	1	05/30/2019 23:05	WG1288320
4,6-Dinitro-2-methylphenol	U		0.143	0.384	1	05/30/2019 23:05	WG1288320
2,4-Dinitrophenol	U		0.113	0.384	1	05/30/2019 23:05	WG1288320
2-Nitrophenol	U		0.0150	0.384	1	05/30/2019 23:05	WG1288320
4-Nitrophenol	U		0.0606	0.384	1	05/30/2019 23:05	WG1288320
Pentachlorophenol	U	J0	0.0554	0.384	1	05/30/2019 23:05	WG1288320
Phenol	U		0.00802	0.384	1	05/30/2019 23:05	WG1288320
2,4,6-Trichlorophenol	U		0.00899	0.384	1	05/30/2019 23:05	WG1288320
(S) 2-Fluorophenol	*75.8*			*12.0-120*		*05/30/2019 23:05*	WG1288320
(S) Phenol-d5	*70.5*			*10.0-120*		*05/30/2019 23:05*	WG1288320
(S) Nitrobenzene-d5	*56.2*			*10.0-122*		*05/30/2019 23:05*	WG1288320
(S) 2-Fluorobiphenyl	*63.0*			*15.0-120*		*05/30/2019 23:05*	WG1288320
(S) 2,4,6-Tribromophenol	*80.9*			*10.0-127*		*05/30/2019 23:05*	WG1288320
(S) p-Terphenyl-d14	*83.2*			*10.0-120*		*05/30/2019 23:05*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.2		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00157	0.0232	1	06/01/2019 16:22	WG1288332
Alpha BHC	U		0.00158	0.0232	1	06/01/2019 16:22	WG1288332
Beta BHC	U		0.00186	0.0232	1	06/01/2019 16:22	WG1288332
Delta BHC	U		0.00166	0.0232	1	06/01/2019 16:22	WG1288332
Gamma BHC	U		0.00168	0.0232	1	06/01/2019 16:22	WG1288332
Chlordane	U		0.0453	0.232	1	06/01/2019 16:22	WG1288332
4,4-DDD	U		0.00181	0.0232	1	06/01/2019 16:22	WG1288332
4,4-DDE	U		0.00179	0.0232	1	06/01/2019 16:22	WG1288332
4,4-DDT	U		0.00232	0.0232	1	06/01/2019 16:22	WG1288332
Dieldrin	U		0.00176	0.0232	1	06/01/2019 16:22	WG1288332
Endosulfan I	U		0.00173	0.0232	1	06/01/2019 16:22	WG1288332
Endosulfan II	U		0.00186	0.0232	1	06/01/2019 16:22	WG1288332
Endosulfan sulfate	U		0.00175	0.0232	1	06/01/2019 16:22	WG1288332
Endrin	U		0.00182	0.0232	1	06/01/2019 16:22	WG1288332
Endrin aldehyde	U		0.00150	0.0232	1	06/01/2019 16:22	WG1288332
Endrin ketone	U		0.00192	0.0232	1	06/01/2019 16:22	WG1288332
Hexachlorobenzene	U		0.00144	0.0232	1	06/01/2019 16:22	WG1288332
Heptachlor	U		0.00179	0.0232	1	06/01/2019 16:22	WG1288332
Heptachlor epoxide	U		0.00187	0.0232	1	06/01/2019 16:22	WG1288332
Methoxychlor	U		0.00207	0.0232	1	06/01/2019 16:22	WG1288332
Toxaphene	U		0.0418	0.464	1	06/01/2019 16:22	WG1288332
(S) Decachlorobiphenyl	*74.5*			*10.0-135*		*06/01/2019 16:22*	WG1288332
(S) Tetrachloro-m-xylene	*89.7*			*10.0-139*		*06/01/2019 16:22*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00745	0.0386	1	05/30/2019 21:27	WG1288320
Acenaphthylene	U		0.00779	0.0386	1	05/30/2019 21:27	WG1288320
Anthracene	U		0.00734	0.0386	1	05/30/2019 21:27	WG1288320
Benzidine	U		0.0739	0.386	1	05/30/2019 21:27	WG1288320
Benzo(a)anthracene	U		0.00497	0.0386	1	05/30/2019 21:27	WG1288320
Benzo(b)fluoranthene	U		0.00807	0.0386	1	05/30/2019 21:27	WG1288320
Benzo(k)fluoranthene	U		0.00675	0.0386	1	05/30/2019 21:27	WG1288320
Benzo(g,h,i)perylene	U		0.00837	0.0386	1	05/30/2019 21:27	WG1288320
Benzo(a)pyrene	U		0.00636	0.0386	1	05/30/2019 21:27	WG1288320
Bis(2-chlorethoxy)methane	U		0.00894	0.386	1	05/30/2019 21:27	WG1288320
Bis(2-chloroethyl)ether	U		0.0104	0.386	1	05/30/2019 21:27	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00882	0.386	1	05/30/2019 21:27	WG1288320
4-Bromophenyl-phenylether	U		0.0132	0.386	1	05/30/2019 21:27	WG1288320
2-Chloronaphthalene	U		0.00742	0.0386	1	05/30/2019 21:27	WG1288320
4-Chlorophenyl-phenylether	U		0.00728	0.386	1	05/30/2019 21:27	WG1288320
Chrysene	U		0.00644	0.0386	1	05/30/2019 21:27	WG1288320
Dibenz(a,h)anthracene	U		0.00953	0.0386	1	05/30/2019 21:27	WG1288320
3,3-Dichlorobenzidine	U		0.0922	0.386	1	05/30/2019 21:27	WG1288320
2,4-Dinitrotoluene	U		0.00705	0.386	1	05/30/2019 21:27	WG1288320
2,6-Dinitrotoluene	U		0.00855	0.386	1	05/30/2019 21:27	WG1288320
Fluoranthene	U		0.00576	0.0386	1	05/30/2019 21:27	WG1288320
Fluorene	U		0.00792	0.0386	1	05/30/2019 21:27	WG1288320
Hexachlorobenzene	U		0.00994	0.386	1	05/30/2019 21:27	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0116	0.386	1	05/30/2019 21:27	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0681	0.386	1	05/30/2019 21:27	WG1288320
Hexachloroethane	U		0.0156	0.386	1	05/30/2019 21:27	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00896	0.0386	1	05/30/2019 21:27	WG1288320
Isophorone	U		0.00606	0.386	1	05/30/2019 21:27	WG1288320
Naphthalene	U		0.0103	0.0386	1	05/30/2019 21:27	WG1288320
Nitrobenzene	U		0.00807	0.386	1	05/30/2019 21:27	WG1288320
n-Nitrosodimethylamine	U		0.0751	0.386	1	05/30/2019 21:27	WG1288320
n-Nitrosodiphenylamine	U		0.104	0.386	1	05/30/2019 21:27	WG1288320
n-Nitrosodi-n-propylamine	U		0.0105	0.386	1	05/30/2019 21:27	WG1288320
Phenanthrene	U		0.00613	0.0386	1	05/30/2019 21:27	WG1288320
Benzylbutyl phthalate	U		0.0120	0.386	1	05/30/2019 21:27	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0139	0.386	1	05/30/2019 21:27	WG1288320
Di-n-butyl phthalate	U		0.0127	0.386	1	05/30/2019 21:27	WG1288320
Diethyl phthalate	U		0.00802	0.386	1	05/30/2019 21:27	WG1288320
Dimethyl phthalate	U		0.00627	0.386	1	05/30/2019 21:27	WG1288320
Di-n-octyl phthalate	U		0.0105	0.386	1	05/30/2019 21:27	WG1288320
Pyrene	U		0.0143	0.0386	1	05/30/2019 21:27	WG1288320
1,2,4-Trichlorobenzene	U		0.0102	0.386	1	05/30/2019 21:27	WG1288320
4-Chloro-3-methylphenol	U		0.00554	0.386	1	05/30/2019 21:27	WG1288320
2-Chlorophenol	U		0.00964	0.386	1	05/30/2019 21:27	WG1288320
2,4-Dichlorophenol	U		0.00866	0.386	1	05/30/2019 21:27	WG1288320
2,4-Dimethylphenol	U	J0	0.0547	0.386	1	05/30/2019 21:27	WG1288320
4,6-Dinitro-2-methylphenol	U		0.144	0.386	1	05/30/2019 21:27	WG1288320
2,4-Dinitrophenol	U		0.114	0.386	1	05/30/2019 21:27	WG1288320
2-Nitrophenol	U		0.0151	0.386	1	05/30/2019 21:27	WG1288320
4-Nitrophenol	U		0.0609	0.386	1	05/30/2019 21:27	WG1288320
Pentachlorophenol	U	J0	0.0557	0.386	1	05/30/2019 21:27	WG1288320
Phenol	U		0.00807	0.386	1	05/30/2019 21:27	WG1288320
2,4,6-Trichlorophenol	U		0.00904	0.386	1	05/30/2019 21:27	WG1288320
(S) 2-Fluorophenol	*83.7*			*12.0-120*		*05/30/2019 21:27*	WG1288320
(S) Phenol-d5	*74.8*			*10.0-120*		*05/30/2019 21:27*	WG1288320
(S) Nitrobenzene-d5	*65.3*			*10.0-122*		*05/30/2019 21:27*	WG1288320
(S) 2-Fluorobiphenyl	*66.5*			*15.0-120*		*05/30/2019 21:27*	WG1288320
(S) 2,4,6-Tribromophenol	*75.8*			*10.0-127*		*05/30/2019 21:27*	WG1288320
(S) p-Terphenyl-d14	*83.1*			*10.0-120*		*05/30/2019 21:27*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.1		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00157	0.0232	1	06/01/2019 18:05	WG1288332
Alpha BHC	U		0.00158	0.0232	1	06/01/2019 18:05	WG1288332
Beta BHC	U		0.00186	0.0232	1	06/01/2019 18:05	WG1288332
Delta BHC	U		0.00166	0.0232	1	06/01/2019 18:05	WG1288332
Gamma BHC	U		0.00168	0.0232	1	06/01/2019 18:05	WG1288332
Chlordane	U		0.0453	0.232	1	06/01/2019 18:05	WG1288332
4,4-DDD	U		0.00181	0.0232	1	06/01/2019 18:05	WG1288332
4,4-DDE	U		0.00179	0.0232	1	06/01/2019 18:05	WG1288332
4,4-DDT	U		0.00232	0.0232	1	06/01/2019 18:05	WG1288332
Dieldrin	U		0.00177	0.0232	1	06/01/2019 18:05	WG1288332
Endosulfan I	U		0.00173	0.0232	1	06/01/2019 18:05	WG1288332
Endosulfan II	U		0.00186	0.0232	1	06/01/2019 18:05	WG1288332
Endosulfan sulfate	U		0.00175	0.0232	1	06/01/2019 18:05	WG1288332
Endrin	U		0.00182	0.0232	1	06/01/2019 18:05	WG1288332
Endrin aldehyde	U		0.00150	0.0232	1	06/01/2019 18:05	WG1288332
Endrin ketone	U		0.00192	0.0232	1	06/01/2019 18:05	WG1288332
Hexachlorobenzene	U		0.00144	0.0232	1	06/01/2019 18:05	WG1288332
Heptachlor	U		0.00179	0.0232	1	06/01/2019 18:05	WG1288332
Heptachlor epoxide	U		0.00187	0.0232	1	06/01/2019 18:05	WG1288332
Methoxychlor	U		0.00207	0.0232	1	06/01/2019 18:05	WG1288332
Toxaphene	U		0.0418	0.465	1	06/01/2019 18:05	WG1288332
(S) Decachlorobiphenyl	*53.7*			*10.0-135*		*06/01/2019 18:05*	WG1288332
(S) Tetrachloro-m-xylene	*71.0*			*10.0-139*		*06/01/2019 18:05*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00746	0.0387	1	05/30/2019 17:53	WG1288320
Acenaphthylene	U		0.00780	0.0387	1	05/30/2019 17:53	WG1288320
Anthracene	U		0.00734	0.0387	1	05/30/2019 17:53	WG1288320
Benzidine	U		0.0740	0.387	1	05/30/2019 17:53	WG1288320
Benzo(a)anthracene	U		0.00497	0.0387	1	05/30/2019 17:53	WG1288320
Benzo(b)fluoranthene	U		0.00808	0.0387	1	05/30/2019 17:53	WG1288320
Benzo(k)fluoranthene	U		0.00676	0.0387	1	05/30/2019 17:53	WG1288320
Benzo(g,h,i)perylene	U		0.00838	0.0387	1	05/30/2019 17:53	WG1288320
Benzo(a)pyrene	U		0.00637	0.0387	1	05/30/2019 17:53	WG1288320
Bis(2-chlorethoxy)methane	U		0.00895	0.387	1	05/30/2019 17:53	WG1288320
Bis(2-chloroethyl)ether	U		0.0104	0.387	1	05/30/2019 17:53	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00883	0.387	1	05/30/2019 17:53	WG1288320
4-Bromophenyl-phenylether	U		0.0132	0.387	1	05/30/2019 17:53	WG1288320
2-Chloronaphthalene	U		0.00742	0.0387	1	05/30/2019 17:53	WG1288320
4-Chlorophenyl-phenylether	U		0.00729	0.387	1	05/30/2019 17:53	WG1288320
Chrysene	U		0.00645	0.0387	1	05/30/2019 17:53	WG1288320
Dibenz(a,h)anthracene	U		0.00954	0.0387	1	05/30/2019 17:53	WG1288320
3,3-Dichlorobenzidine	U		0.0923	0.387	1	05/30/2019 17:53	WG1288320
2,4-Dinitrotoluene	U		0.00705	0.387	1	05/30/2019 17:53	WG1288320
2,6-Dinitrotoluene	U		0.00856	0.387	1	05/30/2019 17:53	WG1288320
Fluoranthene	U		0.00576	0.0387	1	05/30/2019 17:53	WG1288320
Fluorene	U		0.00792	0.0387	1	05/30/2019 17:53	WG1288320
Hexachlorobenzene	U		0.00995	0.387	1	05/30/2019 17:53	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0116	0.387	1	05/30/2019 17:53	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0682	0.387	1	05/30/2019 17:53	WG1288320
Hexachloroethane	U		0.0156	0.387	1	05/30/2019 17:53	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00897	0.0387	1	05/30/2019 17:53	WG1288320
Isophorone	U		0.00607	0.387	1	05/30/2019 17:53	WG1288320
Naphthalene	U		0.0103	0.0387	1	05/30/2019 17:53	WG1288320
Nitrobenzene	U		0.00808	0.387	1	05/30/2019 17:53	WG1288320
n-Nitrosodimethylamine	U		0.0752	0.387	1	05/30/2019 17:53	WG1288320
n-Nitrosodiphenylamine	U		0.105	0.387	1	05/30/2019 17:53	WG1288320
n-Nitrosodi-n-propylamine	U		0.0105	0.387	1	05/30/2019 17:53	WG1288320
Phenanthrene	U		0.00613	0.0387	1	05/30/2019 17:53	WG1288320
Benzylbutyl phthalate	U		0.0120	0.387	1	05/30/2019 17:53	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0139	0.387	1	05/30/2019 17:53	WG1288320
Di-n-butyl phthalate	U		0.0127	0.387	1	05/30/2019 17:53	WG1288320
Diethyl phthalate	U		0.00803	0.387	1	05/30/2019 17:53	WG1288320
Dimethyl phthalate	U		0.00627	0.387	1	05/30/2019 17:53	WG1288320
Di-n-octyl phthalate	U		0.0105	0.387	1	05/30/2019 17:53	WG1288320
Pyrene	U		0.0143	0.0387	1	05/30/2019 17:53	WG1288320
1,2,4-Trichlorobenzene	U		0.0102	0.387	1	05/30/2019 17:53	WG1288320
4-Chloro-3-methylphenol	U		0.00554	0.387	1	05/30/2019 17:53	WG1288320
2-Chlorophenol	U		0.00966	0.387	1	05/30/2019 17:53	WG1288320
2,4-Dichlorophenol	U		0.00867	0.387	1	05/30/2019 17:53	WG1288320
2,4-Dimethylphenol	U	J0	0.0547	0.387	1	05/30/2019 17:53	WG1288320
4,6-Dinitro-2-methylphenol	U		0.144	0.387	1	05/30/2019 17:53	WG1288320
2,4-Dinitrophenol	U		0.114	0.387	1	05/30/2019 17:53	WG1288320
2-Nitrophenol	U		0.0151	0.387	1	05/30/2019 17:53	WG1288320
4-Nitrophenol	U		0.0610	0.387	1	05/30/2019 17:53	WG1288320
Pentachlorophenol	U	J0	0.0558	0.387	1	05/30/2019 17:53	WG1288320
Phenol	U		0.00808	0.387	1	05/30/2019 17:53	WG1288320
2,4,6-Trichlorophenol	U		0.00905	0.387	1	05/30/2019 17:53	WG1288320
(S) 2-Fluorophenol	*75.2*			*12.0-120*		*05/30/2019 17:53*	WG1288320
(S) Phenol-d5	*63.4*			*10.0-120*		*05/30/2019 17:53*	WG1288320
(S) Nitrobenzene-d5	*56.5*			*10.0-122*		*05/30/2019 17:53*	WG1288320
(S) 2-Fluorobiphenyl	*64.5*			*15.0-120*		*05/30/2019 17:53*	WG1288320
(S) 2,4,6-Tribromophenol	*65.7*			*10.0-127*		*05/30/2019 17:53*	WG1288320
(S) p-Terphenyl-d14	*75.6*			*10.0-120*		*05/30/2019 17:53*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.8		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00154	0.0228	1	06/01/2019 18:20	WG1288332
Alpha BHC	U		0.00155	0.0228	1	06/01/2019 18:20	WG1288332
Beta BHC	U		0.00182	0.0228	1	06/01/2019 18:20	WG1288332
Delta BHC	U		0.00163	0.0228	1	06/01/2019 18:20	WG1288332
Gamma BHC	U		0.00165	0.0228	1	06/01/2019 18:20	WG1288332
Chlordane	U		0.0444	0.228	1	06/01/2019 18:20	WG1288332
4,4-DDD	U		0.00178	0.0228	1	06/01/2019 18:20	WG1288332
4,4-DDE	U		0.00175	0.0228	1	06/01/2019 18:20	WG1288332
4,4-DDT	U		0.00228	0.0228	1	06/01/2019 18:20	WG1288332
Dieldrin	U		0.00173	0.0228	1	06/01/2019 18:20	WG1288332
Endosulfan I	U		0.00170	0.0228	1	06/01/2019 18:20	WG1288332
Endosulfan II	U		0.00182	0.0228	1	06/01/2019 18:20	WG1288332
Endosulfan sulfate	U		0.00172	0.0228	1	06/01/2019 18:20	WG1288332
Endrin	U		0.00179	0.0228	1	06/01/2019 18:20	WG1288332
Endrin aldehyde	U		0.00147	0.0228	1	06/01/2019 18:20	WG1288332
Endrin ketone	U		0.00188	0.0228	1	06/01/2019 18:20	WG1288332
Hexachlorobenzene	U		0.00141	0.0228	1	06/01/2019 18:20	WG1288332
Heptachlor	U		0.00175	0.0228	1	06/01/2019 18:20	WG1288332
Heptachlor epoxide	U		0.00183	0.0228	1	06/01/2019 18:20	WG1288332
Methoxychlor	U		0.00203	0.0228	1	06/01/2019 18:20	WG1288332
Toxaphene	U		0.0410	0.456	1	06/01/2019 18:20	WG1288332
(S) Decachlorobiphenyl	*68.6*			*10.0-135*		*06/01/2019 18:20*	WG1288332
(S) Tetrachloro-m-xylene	*77.9*			*10.0-139*		*06/01/2019 18:20*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00732	0.0379	1	05/30/2019 23:44	WG1288320
Acenaphthylene	U		0.00765	0.0379	1	05/30/2019 23:44	WG1288320
Anthracene	U		0.00720	0.0379	1	05/30/2019 23:44	WG1288320
Benzidine	U		0.0726	0.379	1	05/30/2019 23:44	WG1288320
Benzo(a)anthracene	U		0.00488	0.0379	1	05/30/2019 23:44	WG1288320
Benzo(b)fluoranthene	U		0.00792	0.0379	1	05/30/2019 23:44	WG1288320
Benzo(k)fluoranthene	U		0.00663	0.0379	1	05/30/2019 23:44	WG1288320
Benzo(g,h,i)perylene	U		0.00822	0.0379	1	05/30/2019 23:44	WG1288320
Benzo(a)pyrene	U		0.00624	0.0379	1	05/30/2019 23:44	WG1288320
Bis(2-chlorethoxy)methane	U		0.00877	0.379	1	05/30/2019 23:44	WG1288320
Bis(2-chloroethyl)ether	U		0.0102	0.379	1	05/30/2019 23:44	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00866	0.379	1	05/30/2019 23:44	WG1288320
4-Bromophenyl-phenylether	U		0.0130	0.379	1	05/30/2019 23:44	WG1288320
2-Chloronaphthalene	U		0.00728	0.0379	1	05/30/2019 23:44	WG1288320
4-Chlorophenyl-phenylether	U		0.00714	0.379	1	05/30/2019 23:44	WG1288320
Chrysene	U		0.00632	0.0379	1	05/30/2019 23:44	WG1288320
Dibenz(a,h)anthracene	U		0.00936	0.0379	1	05/30/2019 23:44	WG1288320
3,3-Dichlorobenzidine	U		0.0905	0.379	1	05/30/2019 23:44	WG1288320
2,4-Dinitrotoluene	U		0.00692	0.379	1	05/30/2019 23:44	WG1288320
2,6-Dinitrotoluene	U		0.00840	0.379	1	05/30/2019 23:44	WG1288320
Fluoranthene	U		0.00565	0.0379	1	05/30/2019 23:44	WG1288320
Fluorene	U		0.00777	0.0379	1	05/30/2019 23:44	WG1288320
Hexachlorobenzene	U		0.00975	0.379	1	05/30/2019 23:44	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0114	0.379	1	05/30/2019 23:44	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0669	0.379	1	05/30/2019 23:44	WG1288320
Hexachloroethane	U		0.0153	0.379	1	05/30/2019 23:44	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00880	0.0379	1	05/30/2019 23:44	WG1288320
Isophorone	U		0.00595	0.379	1	05/30/2019 23:44	WG1288320
Naphthalene	U		0.0101	0.0379	1	05/30/2019 23:44	WG1288320
Nitrobenzene	U		0.00792	0.379	1	05/30/2019 23:44	WG1288320
n-Nitrosodimethylamine	U		0.0737	0.379	1	05/30/2019 23:44	WG1288320
n-Nitrosodiphenylamine	U		0.103	0.379	1	05/30/2019 23:44	WG1288320
n-Nitrosodi-n-propylamine	U		0.0103	0.379	1	05/30/2019 23:44	WG1288320
Phenanthrene	U		0.00602	0.0379	1	05/30/2019 23:44	WG1288320
Benzylbutyl phthalate	U		0.0117	0.379	1	05/30/2019 23:44	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0137	0.379	1	05/30/2019 23:44	WG1288320
Di-n-butyl phthalate	U		0.0124	0.379	1	05/30/2019 23:44	WG1288320
Diethyl phthalate	U		0.00787	0.379	1	05/30/2019 23:44	WG1288320
Dimethyl phthalate	U		0.00615	0.379	1	05/30/2019 23:44	WG1288320
Di-n-octyl phthalate	U		0.0103	0.379	1	05/30/2019 23:44	WG1288320
Pyrene	U		0.0140	0.0379	1	05/30/2019 23:44	WG1288320
1,2,4-Trichlorobenzene	U		0.00998	0.379	1	05/30/2019 23:44	WG1288320
4-Chloro-3-methylphenol	U		0.00544	0.379	1	05/30/2019 23:44	WG1288320
2-Chlorophenol	U		0.00947	0.379	1	05/30/2019 23:44	WG1288320
2,4-Dichlorophenol	U		0.00850	0.379	1	05/30/2019 23:44	WG1288320
2,4-Dimethylphenol	U	J0	0.0537	0.379	1	05/30/2019 23:44	WG1288320
4,6-Dinitro-2-methylphenol	U		0.141	0.379	1	05/30/2019 23:44	WG1288320
2,4-Dinitrophenol	U		0.112	0.379	1	05/30/2019 23:44	WG1288320
2-Nitrophenol	U		0.0148	0.379	1	05/30/2019 23:44	WG1288320
4-Nitrophenol	U		0.0598	0.379	1	05/30/2019 23:44	WG1288320
Pentachlorophenol	U	J0	0.0547	0.379	1	05/30/2019 23:44	WG1288320
Phenol	U		0.00792	0.379	1	05/30/2019 23:44	WG1288320
2,4,6-Trichlorophenol	U		0.00888	0.379	1	05/30/2019 23:44	WG1288320
(S) 2-Fluorophenol	*85.8*			*12.0-120*		*05/30/2019 23:44*	WG1288320
(S) Phenol-d5	*74.7*			*10.0-120*		*05/30/2019 23:44*	WG1288320
(S) Nitrobenzene-d5	*68.8*			*10.0-122*		*05/30/2019 23:44*	WG1288320
(S) 2-Fluorobiphenyl	*70.4*			*15.0-120*		*05/30/2019 23:44*	WG1288320
(S) 2,4,6-Tribromophenol	*82.6*			*10.0-127*		*05/30/2019 23:44*	WG1288320
(S) p-Terphenyl-d14	*81.8*			*10.0-120*		*05/30/2019 23:44*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.3		1	05/30/2019 16:36	WG1288607

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00160	0.0237	1	06/01/2019 18:35	WG1288332
Alpha BHC	U		0.00161	0.0237	1	06/01/2019 18:35	WG1288332
Beta BHC	U		0.00190	0.0237	1	06/01/2019 18:35	WG1288332
Delta BHC	U		0.00170	0.0237	1	06/01/2019 18:35	WG1288332
Gamma BHC	U		0.00172	0.0237	1	06/01/2019 18:35	WG1288332
Chlordane	U		0.0463	0.237	1	06/01/2019 18:35	WG1288332
4,4-DDD	U		0.00185	0.0237	1	06/01/2019 18:35	WG1288332
4,4-DDE	U		0.00183	0.0237	1	06/01/2019 18:35	WG1288332
4,4-DDT	U		0.00237	0.0237	1	06/01/2019 18:35	WG1288332
Dieldrin	U		0.00180	0.0237	1	06/01/2019 18:35	WG1288332
Endosulfan I	U		0.00177	0.0237	1	06/01/2019 18:35	WG1288332
Endosulfan II	U		0.00190	0.0237	1	06/01/2019 18:35	WG1288332
Endosulfan sulfate	U		0.00179	0.0237	1	06/01/2019 18:35	WG1288332
Endrin	U		0.00186	0.0237	1	06/01/2019 18:35	WG1288332
Endrin aldehyde	U		0.00153	0.0237	1	06/01/2019 18:35	WG1288332
Endrin ketone	U		0.00196	0.0237	1	06/01/2019 18:35	WG1288332
Hexachlorobenzene	U		0.00147	0.0237	1	06/01/2019 18:35	WG1288332
Heptachlor	U		0.00183	0.0237	1	06/01/2019 18:35	WG1288332
Heptachlor epoxide	U		0.00191	0.0237	1	06/01/2019 18:35	WG1288332
Methoxychlor	U		0.00211	0.0237	1	06/01/2019 18:35	WG1288332
Toxaphene	U		0.0427	0.475	1	06/01/2019 18:35	WG1288332
(S) Decachlorobiphenyl	*63.1*			*10.0-135*		*06/01/2019 18:35*	WG1288332
(S) Tetrachloro-m-xylene	*71.5*			*10.0-139*		*06/01/2019 18:35*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00762	0.0395	1	05/30/2019 22:45	WG1288320
Acenaphthylene	U		0.00796	0.0395	1	05/30/2019 22:45	WG1288320
Anthracene	U		0.00750	0.0395	1	05/30/2019 22:45	WG1288320
Benzidine	U		0.0756	0.395	1	05/30/2019 22:45	WG1288320
Benzo(a)anthracene	U		0.00508	0.0395	1	05/30/2019 22:45	WG1288320
Benzo(b)fluoranthene	U		0.00825	0.0395	1	05/30/2019 22:45	WG1288320
Benzo(k)fluoranthene	U		0.00691	0.0395	1	05/30/2019 22:45	WG1288320
Benzo(g,h,i)perylene	U		0.00856	0.0395	1	05/30/2019 22:45	WG1288320
Benzo(a)pyrene	U		0.00650	0.0395	1	05/30/2019 22:45	WG1288320
Bis(2-chlorethoxy)methane	U		0.00914	0.395	1	05/30/2019 22:45	WG1288320
Bis(2-chloroethyl)ether	U		0.0106	0.395	1	05/30/2019 22:45	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00902	0.395	1	05/30/2019 22:45	WG1288320
4-Bromophenyl-phenylether	U		0.0135	0.395	1	05/30/2019 22:45	WG1288320
2-Chloronaphthalene	U		0.00758	0.0395	1	05/30/2019 22:45	WG1288320
4-Chlorophenyl-phenylether	U		0.00744	0.395	1	05/30/2019 22:45	WG1288320
Chrysene	U		0.00659	0.0395	1	05/30/2019 22:45	WG1288320
Dibenz(a,h)anthracene	U		0.00974	0.0395	1	05/30/2019 22:45	WG1288320
3,3-Dichlorobenzidine	U		0.0942	0.395	1	05/30/2019 22:45	WG1288320
2,4-Dinitrotoluene	U		0.00720	0.395	1	05/30/2019 22:45	WG1288320
2,6-Dinitrotoluene	U		0.00875	0.395	1	05/30/2019 22:45	WG1288320
Fluoranthene	U		0.00589	0.0395	1	05/30/2019 22:45	WG1288320
Fluorene	U		0.00809	0.0395	1	05/30/2019 22:45	WG1288320
Hexachlorobenzene	U		0.0102	0.395	1	05/30/2019 22:45	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.395	1	05/30/2019 22:45	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0697	0.395	1	05/30/2019 22:45	WG1288320
Hexachloroethane	U		0.0159	0.395	1	05/30/2019 22:45	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00916	0.0395	1	05/30/2019 22:45	WG1288320
Isophorone	U		0.00620	0.395	1	05/30/2019 22:45	WG1288320
Naphthalene	U		0.0106	0.0395	1	05/30/2019 22:45	WG1288320
Nitrobenzene	U		0.00825	0.395	1	05/30/2019 22:45	WG1288320
n-Nitrosodimethylamine	U		0.0768	0.395	1	05/30/2019 22:45	WG1288320
n-Nitrosodiphenylamine	U		0.107	0.395	1	05/30/2019 22:45	WG1288320
n-Nitrosodi-n-propylamine	U		0.0108	0.395	1	05/30/2019 22:45	WG1288320
Phenanthrene	U		0.00627	0.0395	1	05/30/2019 22:45	WG1288320
Benzylbutyl phthalate	U		0.0122	0.395	1	05/30/2019 22:45	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0142	0.395	1	05/30/2019 22:45	WG1288320
Di-n-butyl phthalate	U		0.0129	0.395	1	05/30/2019 22:45	WG1288320
Diethyl phthalate	U		0.00820	0.395	1	05/30/2019 22:45	WG1288320
Dimethyl phthalate	U		0.00641	0.395	1	05/30/2019 22:45	WG1288320
Di-n-octyl phthalate	U		0.0108	0.395	1	05/30/2019 22:45	WG1288320
Pyrene	U		0.0146	0.0395	1	05/30/2019 22:45	WG1288320
1,2,4-Trichlorobenzene	U		0.0104	0.395	1	05/30/2019 22:45	WG1288320
4-Chloro-3-methylphenol	U		0.00566	0.395	1	05/30/2019 22:45	WG1288320
2-Chlorophenol	U		0.00986	0.395	1	05/30/2019 22:45	WG1288320
2,4-Dichlorophenol	U		0.00885	0.395	1	05/30/2019 22:45	WG1288320
2,4-Dimethylphenol	U	J0	0.0559	0.395	1	05/30/2019 22:45	WG1288320
4,6-Dinitro-2-methylphenol	U		0.147	0.395	1	05/30/2019 22:45	WG1288320
2,4-Dinitrophenol	U		0.116	0.395	1	05/30/2019 22:45	WG1288320
2-Nitrophenol	U		0.0154	0.395	1	05/30/2019 22:45	WG1288320
4-Nitrophenol	U		0.0623	0.395	1	05/30/2019 22:45	WG1288320
Pentachlorophenol	U	J0	0.0570	0.395	1	05/30/2019 22:45	WG1288320
Phenol	U		0.00825	0.395	1	05/30/2019 22:45	WG1288320
2,4,6-Trichlorophenol	U		0.00925	0.395	1	05/30/2019 22:45	WG1288320
(S) 2-Fluorophenol	*89.2*			*12.0-120*		*05/30/2019 22:45*	WG1288320
(S) Phenol-d5	*75.9*			*10.0-120*		*05/30/2019 22:45*	WG1288320
(S) Nitrobenzene-d5	*63.3*			*10.0-122*		*05/30/2019 22:45*	WG1288320
(S) 2-Fluorobiphenyl	*70.2*			*15.0-120*		*05/30/2019 22:45*	WG1288320
(S) 2,4,6-Tribromophenol	*77.4*			*10.0-127*		*05/30/2019 22:45*	WG1288320
(S) p-Terphenyl-d14	*82.1*			*10.0-120*		*05/30/2019 22:45*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.7		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0236	1	06/01/2019 18:50	WG1288332
Alpha BHC	U		0.00161	0.0236	1	06/01/2019 18:50	WG1288332
Beta BHC	U		0.00189	0.0236	1	06/01/2019 18:50	WG1288332
Delta BHC	U		0.00169	0.0236	1	06/01/2019 18:50	WG1288332
Gamma BHC	U		0.00171	0.0236	1	06/01/2019 18:50	WG1288332
Chlordane	U		0.0461	0.236	1	06/01/2019 18:50	WG1288332
4,4-DDD	U		0.00184	0.0236	1	06/01/2019 18:50	WG1288332
4,4-DDE	U		0.00182	0.0236	1	06/01/2019 18:50	WG1288332
4,4-DDT	U		0.00236	0.0236	1	06/01/2019 18:50	WG1288332
Dieldrin	U		0.00180	0.0236	1	06/01/2019 18:50	WG1288332
Endosulfan I	U		0.00176	0.0236	1	06/01/2019 18:50	WG1288332
Endosulfan II	U		0.00189	0.0236	1	06/01/2019 18:50	WG1288332
Endosulfan sulfate	U		0.00178	0.0236	1	06/01/2019 18:50	WG1288332
Endrin	U		0.00185	0.0236	1	06/01/2019 18:50	WG1288332
Endrin aldehyde	U		0.00152	0.0236	1	06/01/2019 18:50	WG1288332
Endrin ketone	U		0.00195	0.0236	1	06/01/2019 18:50	WG1288332
Hexachlorobenzene	U		0.00146	0.0236	1	06/01/2019 18:50	WG1288332
Heptachlor	U		0.00182	0.0236	1	06/01/2019 18:50	WG1288332
Heptachlor epoxide	U		0.00190	0.0236	1	06/01/2019 18:50	WG1288332
Methoxychlor	U		0.00210	0.0236	1	06/01/2019 18:50	WG1288332
Toxaphene	U		0.0425	0.472	1	06/01/2019 18:50	WG1288332
(S) Decachlorobiphenyl	*73.8*			*10.0-135*		*06/01/2019 18:50*	WG1288332
(S) Tetrachloro-m-xylene	*86.4*			*10.0-139*		*06/01/2019 18:50*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00758	0.0393	1	05/30/2019 17:34	WG1288320
Acenaphthylene	U		0.00793	0.0393	1	05/30/2019 17:34	WG1288320
Anthracene	U		0.00746	0.0393	1	05/30/2019 17:34	WG1288320
Benzidine	U		0.0752	0.393	1	05/30/2019 17:34	WG1288320
Benzo(a)anthracene	U		0.00506	0.0393	1	05/30/2019 17:34	WG1288320
Benzo(b)fluoranthene	U		0.00821	0.0393	1	05/30/2019 17:34	WG1288320
Benzo(k)fluoranthene	U		0.00687	0.0393	1	05/30/2019 17:34	WG1288320
Benzo(g,h,i)perylene	U		0.00852	0.0393	1	05/30/2019 17:34	WG1288320
Benzo(a)pyrene	U		0.00647	0.0393	1	05/30/2019 17:34	WG1288320
Bis(2-chlorethoxy)methane	U		0.00909	0.393	1	05/30/2019 17:34	WG1288320
Bis(2-chloroethyl)ether	U		0.0106	0.393	1	05/30/2019 17:34	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00898	0.393	1	05/30/2019 17:34	WG1288320
4-Bromophenyl-phenylether	U		0.0135	0.393	1	05/30/2019 17:34	WG1288320
2-Chloronaphthalene	U		0.00755	0.0393	1	05/30/2019 17:34	WG1288320
4-Chlorophenyl-phenylether	U		0.00741	0.393	1	05/30/2019 17:34	WG1288320
Chrysene	U		0.00656	0.0393	1	05/30/2019 17:34	WG1288320
Dibenz(a,h)anthracene	U		0.00970	0.0393	1	05/30/2019 17:34	WG1288320
3,3-Dichlorobenzidine	U		0.0938	0.393	1	05/30/2019 17:34	WG1288320
2,4-Dinitrotoluene	U		0.00717	0.393	1	05/30/2019 17:34	WG1288320
2,6-Dinitrotoluene	U		0.00870	0.393	1	05/30/2019 17:34	WG1288320
Fluoranthene	U		0.00586	0.0393	1	05/30/2019 17:34	WG1288320
Fluorene	U		0.00806	0.0393	1	05/30/2019 17:34	WG1288320
Hexachlorobenzene	U		0.0101	0.393	1	05/30/2019 17:34	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.393	1	05/30/2019 17:34	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0693	0.393	1	05/30/2019 17:34	WG1288320
Hexachloroethane	U		0.0158	0.393	1	05/30/2019 17:34	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00912	0.0393	1	05/30/2019 17:34	WG1288320
Isophorone	U		0.00617	0.393	1	05/30/2019 17:34	WG1288320
Naphthalene	U		0.0105	0.0393	1	05/30/2019 17:34	WG1288320
Nitrobenzene	U		0.00821	0.393	1	05/30/2019 17:34	WG1288320
n-Nitrosodimethylamine	U		0.0764	0.393	1	05/30/2019 17:34	WG1288320
n-Nitrosodiphenylamine	U		0.106	0.393	1	05/30/2019 17:34	WG1288320
n-Nitrosodi-n-propylamine	U		0.0107	0.393	1	05/30/2019 17:34	WG1288320
Phenanthrene	U		0.00624	0.0393	1	05/30/2019 17:34	WG1288320
Benzylbutyl phthalate	U		0.0122	0.393	1	05/30/2019 17:34	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0142	0.393	1	05/30/2019 17:34	WG1288320
Di-n-butyl phthalate	U		0.0129	0.393	1	05/30/2019 17:34	WG1288320
Diethyl phthalate	U		0.00816	0.393	1	05/30/2019 17:34	WG1288320
Dimethyl phthalate	U		0.00638	0.393	1	05/30/2019 17:34	WG1288320
Di-n-octyl phthalate	U		0.0107	0.393	1	05/30/2019 17:34	WG1288320
Pyrene	U		0.0145	0.0393	1	05/30/2019 17:34	WG1288320
1,2,4-Trichlorobenzene	U		0.0103	0.393	1	05/30/2019 17:34	WG1288320
4-Chloro-3-methylphenol	U		0.00563	0.393	1	05/30/2019 17:34	WG1288320
2-Chlorophenol	U		0.00982	0.393	1	05/30/2019 17:34	WG1288320
2,4-Dichlorophenol	U		0.00881	0.393	1	05/30/2019 17:34	WG1288320
2,4-Dimethylphenol	U	J0	0.0556	0.393	1	05/30/2019 17:34	WG1288320
4,6-Dinitro-2-methylphenol	U		0.146	0.393	1	05/30/2019 17:34	WG1288320
2,4-Dinitrophenol	U		0.116	0.393	1	05/30/2019 17:34	WG1288320
2-Nitrophenol	U		0.0154	0.393	1	05/30/2019 17:34	WG1288320
4-Nitrophenol	U		0.0620	0.393	1	05/30/2019 17:34	WG1288320
Pentachlorophenol	U	J0	0.0567	0.393	1	05/30/2019 17:34	WG1288320
Phenol	U		0.00821	0.393	1	05/30/2019 17:34	WG1288320
2,4,6-Trichlorophenol	U		0.00920	0.393	1	05/30/2019 17:34	WG1288320
(S) 2-Fluorophenol	*82.3*			*12.0-120*		*05/30/2019 17:34*	WG1288320
(S) Phenol-d5	*69.3*			*10.0-120*		*05/30/2019 17:34*	WG1288320
(S) Nitrobenzene-d5	*65.5*			*10.0-122*		*05/30/2019 17:34*	WG1288320
(S) 2-Fluorobiphenyl	*69.3*			*15.0-120*		*05/30/2019 17:34*	WG1288320
(S) 2,4,6-Tribromophenol	*83.7*			*10.0-127*		*05/30/2019 17:34*	WG1288320
(S) p-Terphenyl-d14	*81.6*			*10.0-120*		*05/30/2019 17:34*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.1		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00161	0.0238	1	06/01/2019 19:04	WG1288332
Alpha BHC	U		0.00162	0.0238	1	06/01/2019 19:04	WG1288332
Beta BHC	U		0.00190	0.0238	1	06/01/2019 19:04	WG1288332
Delta BHC	U		0.00170	0.0238	1	06/01/2019 19:04	WG1288332
Gamma BHC	U		0.00172	0.0238	1	06/01/2019 19:04	WG1288332
Chlordane	U		0.0464	0.238	1	06/01/2019 19:04	WG1288332
4,4-DDD	U		0.00186	0.0238	1	06/01/2019 19:04	WG1288332
4,4-DDE	U		0.00183	0.0238	1	06/01/2019 19:04	WG1288332
4,4-DDT	U		0.00238	0.0238	1	06/01/2019 19:04	WG1288332
Dieldrin	U		0.00181	0.0238	1	06/01/2019 19:04	WG1288332
Endosulfan I	U		0.00177	0.0238	1	06/01/2019 19:04	WG1288332
Endosulfan II	U		0.00190	0.0238	1	06/01/2019 19:04	WG1288332
Endosulfan sulfate	U		0.00180	0.0238	1	06/01/2019 19:04	WG1288332
Endrin	U		0.00187	0.0238	1	06/01/2019 19:04	WG1288332
Endrin aldehyde	U		0.00153	0.0238	1	06/01/2019 19:04	WG1288332
Endrin ketone	U		0.00196	0.0238	1	06/01/2019 19:04	WG1288332
Hexachlorobenzene	U		0.00147	0.0238	1	06/01/2019 19:04	WG1288332
Heptachlor	U		0.00183	0.0238	1	06/01/2019 19:04	WG1288332
Heptachlor epoxide	U		0.00191	0.0238	1	06/01/2019 19:04	WG1288332
Methoxychlor	U		0.00212	0.0238	1	06/01/2019 19:04	WG1288332
Toxaphene	U		0.0428	0.476	1	06/01/2019 19:04	WG1288332
(S) Decachlorobiphenyl	*70.3*			*10.0-135*		*06/01/2019 19:04*	WG1288332
(S) Tetrachloro-m-xylene	*83.1*			*10.0-139*		*06/01/2019 19:04*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00763	0.0396	1	05/30/2019 22:06	WG1288320
Acenaphthylene	U		0.00798	0.0396	1	05/30/2019 22:06	WG1288320
Anthracene	U		0.00752	0.0396	1	05/30/2019 22:06	WG1288320
Benzidine	U		0.0758	0.396	1	05/30/2019 22:06	WG1288320
Benzo(a)anthracene	U		0.00509	0.0396	1	05/30/2019 22:06	WG1288320
Benzo(b)fluoranthene	U		0.00827	0.0396	1	05/30/2019 22:06	WG1288320
Benzo(k)fluoranthene	U		0.00692	0.0396	1	05/30/2019 22:06	WG1288320
Benzo(g,h,i)perylene	U		0.00857	0.0396	1	05/30/2019 22:06	WG1288320
Benzo(a)pyrene	U		0.00652	0.0396	1	05/30/2019 22:06	WG1288320
Bis(2-chlorethoxy)methane	U		0.00916	0.396	1	05/30/2019 22:06	WG1288320
Bis(2-chloroethyl)ether	U		0.0107	0.396	1	05/30/2019 22:06	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00904	0.396	1	05/30/2019 22:06	WG1288320
4-Bromophenyl-phenylether	U		0.0136	0.396	1	05/30/2019 22:06	WG1288320
2-Chloronaphthalene	U		0.00760	0.0396	1	05/30/2019 22:06	WG1288320
4-Chlorophenyl-phenylether	U		0.00746	0.396	1	05/30/2019 22:06	WG1288320
Chrysene	U		0.00660	0.0396	1	05/30/2019 22:06	WG1288320
Dibenz(a,h)anthracene	U		0.00976	0.0396	1	05/30/2019 22:06	WG1288320
3,3-Dichlorobenzidine	U		0.0944	0.396	1	05/30/2019 22:06	WG1288320
2,4-Dinitrotoluene	U		0.00722	0.396	1	05/30/2019 22:06	WG1288320
2,6-Dinitrotoluene	U		0.00876	0.396	1	05/30/2019 22:06	WG1288320
Fluoranthene	U		0.00590	0.0396	1	05/30/2019 22:06	WG1288320
Fluorene	U		0.00811	0.0396	1	05/30/2019 22:06	WG1288320
Hexachlorobenzene	U		0.0102	0.396	1	05/30/2019 22:06	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.396	1	05/30/2019 22:06	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0698	0.396	1	05/30/2019 22:06	WG1288320
Hexachloroethane	U		0.0159	0.396	1	05/30/2019 22:06	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00918	0.0396	1	05/30/2019 22:06	WG1288320
Isophorone	U		0.00621	0.396	1	05/30/2019 22:06	WG1288320
Naphthalene	U		0.0106	0.0396	1	05/30/2019 22:06	WG1288320
Nitrobenzene	U		0.00827	0.396	1	05/30/2019 22:06	WG1288320
n-Nitrosodimethylamine	U		0.0769	0.396	1	05/30/2019 22:06	WG1288320
n-Nitrosodiphenylamine	U		0.107	0.396	1	05/30/2019 22:06	WG1288320
n-Nitrosodi-n-propylamine	U		0.0108	0.396	1	05/30/2019 22:06	WG1288320
Phenanthrene	U		0.00628	0.0396	1	05/30/2019 22:06	WG1288320
Benzylbutyl phthalate	U		0.0122	0.396	1	05/30/2019 22:06	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0143	0.396	1	05/30/2019 22:06	WG1288320
Di-n-butyl phthalate	U		0.0130	0.396	1	05/30/2019 22:06	WG1288320
Diethyl phthalate	U		0.00822	0.396	1	05/30/2019 22:06	WG1288320
Dimethyl phthalate	U		0.00642	0.396	1	05/30/2019 22:06	WG1288320
Di-n-octyl phthalate	U		0.0108	0.396	1	05/30/2019 22:06	WG1288320
Pyrene	U		0.0146	0.0396	1	05/30/2019 22:06	WG1288320
1,2,4-Trichlorobenzene	U		0.0104	0.396	1	05/30/2019 22:06	WG1288320
4-Chloro-3-methylphenol	U		0.00567	0.396	1	05/30/2019 22:06	WG1288320
2-Chlorophenol	U		0.00988	0.396	1	05/30/2019 22:06	WG1288320
2,4-Dichlorophenol	U		0.00887	0.396	1	05/30/2019 22:06	WG1288320
2,4-Dimethylphenol	U	J0	0.0560	0.396	1	05/30/2019 22:06	WG1288320
4,6-Dinitro-2-methylphenol	U		0.147	0.396	1	05/30/2019 22:06	WG1288320
2,4-Dinitrophenol	U		0.117	0.396	1	05/30/2019 22:06	WG1288320
2-Nitrophenol	U		0.0155	0.396	1	05/30/2019 22:06	WG1288320
4-Nitrophenol	U		0.0624	0.396	1	05/30/2019 22:06	WG1288320
Pentachlorophenol	U	J0	0.0571	0.396	1	05/30/2019 22:06	WG1288320
Phenol	U		0.00827	0.396	1	05/30/2019 22:06	WG1288320
2,4,6-Trichlorophenol	U		0.00926	0.396	1	05/30/2019 22:06	WG1288320
(S) 2-Fluorophenol	*73.6*			*12.0-120*		*05/30/2019 22:06*	WG1288320
(S) Phenol-d5	*66.1*			*10.0-120*		*05/30/2019 22:06*	WG1288320
(S) Nitrobenzene-d5	*55.2*			*10.0-122*		*05/30/2019 22:06*	WG1288320
(S) 2-Fluorobiphenyl	*64.4*			*15.0-120*		*05/30/2019 22:06*	WG1288320
(S) 2,4,6-Tribromophenol	*81.1*			*10.0-127*		*05/30/2019 22:06*	WG1288320
(S) p-Terphenyl-d14	*81.9*			*10.0-120*		*05/30/2019 22:06*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.6		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00161	0.0239	1	06/01/2019 19:19	WG1288332
Alpha BHC	U		0.00163	0.0239	1	06/01/2019 19:19	WG1288332
Beta BHC	U		0.00191	0.0239	1	06/01/2019 19:19	WG1288332
Delta BHC	U		0.00171	0.0239	1	06/01/2019 19:19	WG1288332
Gamma BHC	U		0.00173	0.0239	1	06/01/2019 19:19	WG1288332
Chlordane	U		0.0466	0.239	1	06/01/2019 19:19	WG1288332
4,4-DDD	U		0.00187	0.0239	1	06/01/2019 19:19	WG1288332
4,4-DDE	U		0.00184	0.0239	1	06/01/2019 19:19	WG1288332
4,4-DDT	U		0.00239	0.0239	1	06/01/2019 19:19	WG1288332
Dieldrin	U		0.00182	0.0239	1	06/01/2019 19:19	WG1288332
Endosulfan I	U		0.00178	0.0239	1	06/01/2019 19:19	WG1288332
Endosulfan II	U		0.00191	0.0239	1	06/01/2019 19:19	WG1288332
Endosulfan sulfate	U		0.00181	0.0239	1	06/01/2019 19:19	WG1288332
Endrin	U		0.00188	0.0239	1	06/01/2019 19:19	WG1288332
Endrin aldehyde	U		0.00154	0.0239	1	06/01/2019 19:19	WG1288332
Endrin ketone	U		0.00197	0.0239	1	06/01/2019 19:19	WG1288332
Hexachlorobenzene	U		0.00148	0.0239	1	06/01/2019 19:19	WG1288332
Heptachlor	U		0.00184	0.0239	1	06/01/2019 19:19	WG1288332
Heptachlor epoxide	U		0.00192	0.0239	1	06/01/2019 19:19	WG1288332
Methoxychlor	U		0.00213	0.0239	1	06/01/2019 19:19	WG1288332
Toxaphene	U		0.0430	0.478	1	06/01/2019 19:19	WG1288332
(S) Decachlorobiphenyl	*52.3*			*10.0-135*		*06/01/2019 19:19*	WG1288332
(S) Tetrachloro-m-xylene	*68.4*			*10.0-139*		*06/01/2019 19:19*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00768	0.0398	1	05/30/2019 22:26	WG1288320
Acenaphthylene	U		0.00802	0.0398	1	05/30/2019 22:26	WG1288320
Anthracene	U		0.00756	0.0398	1	05/30/2019 22:26	WG1288320
Benzidine	U		0.0762	0.398	1	05/30/2019 22:26	WG1288320
Benzo(a)anthracene	U		0.00512	0.0398	1	05/30/2019 22:26	WG1288320
Benzo(b)fluoranthene	U		0.00831	0.0398	1	05/30/2019 22:26	WG1288320
Benzo(k)fluoranthene	U		0.00696	0.0398	1	05/30/2019 22:26	WG1288320
Benzo(g,h,i)perylene	U		0.00862	0.0398	1	05/30/2019 22:26	WG1288320
Benzo(a)pyrene	U		0.00655	0.0398	1	05/30/2019 22:26	WG1288320
Bis(2-chlorethoxy)methane	U		0.00921	0.398	1	05/30/2019 22:26	WG1288320
Bis(2-chloroethyl)ether	U		0.0107	0.398	1	05/30/2019 22:26	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00909	0.398	1	05/30/2019 22:26	WG1288320
4-Bromophenyl-phenylether	U		0.0136	0.398	1	05/30/2019 22:26	WG1288320
2-Chloronaphthalene	U		0.00764	0.0398	1	05/30/2019 22:26	WG1288320
4-Chlorophenyl-phenylether	U		0.00750	0.398	1	05/30/2019 22:26	WG1288320
Chrysene	U		0.00664	0.0398	1	05/30/2019 22:26	WG1288320
Dibenz(a,h)anthracene	U		0.00982	0.0398	1	05/30/2019 22:26	WG1288320
3,3-Dichlorobenzidine	U		0.0949	0.398	1	05/30/2019 22:26	WG1288320
2,4-Dinitrotoluene	U		0.00726	0.398	1	05/30/2019 22:26	WG1288320
2,6-Dinitrotoluene	U		0.00881	0.398	1	05/30/2019 22:26	WG1288320
Fluoranthene	U		0.00593	0.0398	1	05/30/2019 22:26	WG1288320
Fluorene	U		0.00815	0.0398	1	05/30/2019 22:26	WG1288320
Hexachlorobenzene	U		0.0102	0.398	1	05/30/2019 22:26	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0120	0.398	1	05/30/2019 22:26	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0702	0.398	1	05/30/2019 22:26	WG1288320
Hexachloroethane	U		0.0160	0.398	1	05/30/2019 22:26	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00923	0.0398	1	05/30/2019 22:26	WG1288320
Isophorone	U		0.00624	0.398	1	05/30/2019 22:26	WG1288320
Naphthalene	U		0.0106	0.0398	1	05/30/2019 22:26	WG1288320
Nitrobenzene	U		0.00831	0.398	1	05/30/2019 22:26	WG1288320
n-Nitrosodimethylamine	U		0.0773	0.398	1	05/30/2019 22:26	WG1288320
n-Nitrosodiphenylamine	U		0.108	0.398	1	05/30/2019 22:26	WG1288320
n-Nitrosodi-n-propylamine	U		0.0108	0.398	1	05/30/2019 22:26	WG1288320
Phenanthrene	U		0.00631	0.0398	1	05/30/2019 22:26	WG1288320
Benzylbutyl phthalate	U		0.0123	0.398	1	05/30/2019 22:26	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0143	0.398	1	05/30/2019 22:26	WG1288320
Di-n-butyl phthalate	U		0.0130	0.398	1	05/30/2019 22:26	WG1288320
Diethyl phthalate	U		0.00826	0.398	1	05/30/2019 22:26	WG1288320
Dimethyl phthalate	U		0.00646	0.398	1	05/30/2019 22:26	WG1288320
Di-n-octyl phthalate	U		0.0108	0.398	1	05/30/2019 22:26	WG1288320
Pyrene	U		0.0147	0.0398	1	05/30/2019 22:26	WG1288320
1,2,4-Trichlorobenzene	U		0.0105	0.398	1	05/30/2019 22:26	WG1288320
4-Chloro-3-methylphenol	U		0.00570	0.398	1	05/30/2019 22:26	WG1288320
2-Chlorophenol	U		0.00993	0.398	1	05/30/2019 22:26	WG1288320
2,4-Dichlorophenol	U		0.00892	0.398	1	05/30/2019 22:26	WG1288320
2,4-Dimethylphenol	U	J0	0.0563	0.398	1	05/30/2019 22:26	WG1288320
4,6-Dinitro-2-methylphenol	U		0.148	0.398	1	05/30/2019 22:26	WG1288320
2,4-Dinitrophenol	U		0.117	0.398	1	05/30/2019 22:26	WG1288320
2-Nitrophenol	U		0.0155	0.398	1	05/30/2019 22:26	WG1288320
4-Nitrophenol	U		0.0628	0.398	1	05/30/2019 22:26	WG1288320
Pentachlorophenol	U	J0	0.0574	0.398	1	05/30/2019 22:26	WG1288320
Phenol	U		0.00831	0.398	1	05/30/2019 22:26	WG1288320
2,4,6-Trichlorophenol	U		0.00931	0.398	1	05/30/2019 22:26	WG1288320
(S) 2-Fluorophenol	*85.5*			*12.0-120*		*05/30/2019 22:26*	WG1288320
(S) Phenol-d5	*70.2*			*10.0-120*		*05/30/2019 22:26*	WG1288320
(S) Nitrobenzene-d5	*62.7*			*10.0-122*		*05/30/2019 22:26*	WG1288320
(S) 2-Fluorobiphenyl	*68.8*			*15.0-120*		*05/30/2019 22:26*	WG1288320
(S) 2,4,6-Tribromophenol	*69.9*			*10.0-127*		*05/30/2019 22:26*	WG1288320
(S) p-Terphenyl-d14	*78.3*			*10.0-120*		*05/30/2019 22:26*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.3		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00158	0.0234	1	06/01/2019 19:34	WG1288332
Alpha BHC	U		0.00159	0.0234	1	06/01/2019 19:34	WG1288332
Beta BHC	U		0.00188	0.0234	1	06/01/2019 19:34	WG1288332
Delta BHC	U		0.00168	0.0234	1	06/01/2019 19:34	WG1288332
Gamma BHC	U		0.00170	0.0234	1	06/01/2019 19:34	WG1288332
Chlordane	U		0.0457	0.234	1	06/01/2019 19:34	WG1288332
4,4-DDD	U		0.00183	0.0234	1	06/01/2019 19:34	WG1288332
4,4-DDE	U		0.00180	0.0234	1	06/01/2019 19:34	WG1288332
4,4-DDT	U		0.00234	0.0234	1	06/01/2019 19:34	WG1288332
Dieldrin	U		0.00178	0.0234	1	06/01/2019 19:34	WG1288332
Endosulfan I	U		0.00175	0.0234	1	06/01/2019 19:34	WG1288332
Endosulfan II	U		0.00188	0.0234	1	06/01/2019 19:34	WG1288332
Endosulfan sulfate	U		0.00177	0.0234	1	06/01/2019 19:34	WG1288332
Endrin	U		0.00184	0.0234	1	06/01/2019 19:34	WG1288332
Endrin aldehyde	U		0.00151	0.0234	1	06/01/2019 19:34	WG1288332
Endrin ketone	U		0.00193	0.0234	1	06/01/2019 19:34	WG1288332
Hexachlorobenzene	U		0.00145	0.0234	1	06/01/2019 19:34	WG1288332
Heptachlor	U		0.00180	0.0234	1	06/01/2019 19:34	WG1288332
Heptachlor epoxide	U		0.00189	0.0234	1	06/01/2019 19:34	WG1288332
Methoxychlor	U		0.00209	0.0234	1	06/01/2019 19:34	WG1288332
Toxaphene	U		0.0422	0.469	1	06/01/2019 19:34	WG1288332
(S) Decachlorobiphenyl	*67.1*			*10.0-135*		*06/01/2019 19:34*	WG1288332
(S) Tetrachloro-m-xylene	*78.5*			*10.0-139*		*06/01/2019 19:34*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00752	0.0390	1	05/30/2019 18:52	WG1288320
Acenaphthylene	U		0.00786	0.0390	1	05/30/2019 18:52	WG1288320
Anthracene	U		0.00741	0.0390	1	05/30/2019 18:52	WG1288320
Benzidine	U		0.0747	0.390	1	05/30/2019 18:52	WG1288320
Benzo(a)anthracene	U		0.00502	0.0390	1	05/30/2019 18:52	WG1288320
Benzo(b)fluoranthene	U		0.00815	0.0390	1	05/30/2019 18:52	WG1288320
Benzo(k)fluoranthene	U		0.00682	0.0390	1	05/30/2019 18:52	WG1288320
Benzo(g,h,i)perylene	U		0.00845	0.0390	1	05/30/2019 18:52	WG1288320
Benzo(a)pyrene	U		0.00642	0.0390	1	05/30/2019 18:52	WG1288320
Bis(2-chlorethoxy)methane	U		0.00902	0.390	1	05/30/2019 18:52	WG1288320
Bis(2-chloroethyl)ether	U		0.0105	0.390	1	05/30/2019 18:52	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00891	0.390	1	05/30/2019 18:52	WG1288320
4-Bromophenyl-phenylether	U		0.0134	0.390	1	05/30/2019 18:52	WG1288320
2-Chloronaphthalene	U		0.00749	0.0390	1	05/30/2019 18:52	WG1288320
4-Chlorophenyl-phenylether	U		0.00735	0.390	1	05/30/2019 18:52	WG1288320
Chrysene	U		0.00650	0.0390	1	05/30/2019 18:52	WG1288320
Dibenz(a,h)anthracene	U		0.00962	0.0390	1	05/30/2019 18:52	WG1288320
3,3-Dichlorobenzidine	U		0.0931	0.390	1	05/30/2019 18:52	WG1288320
2,4-Dinitrotoluene	U		0.00711	0.390	1	05/30/2019 18:52	WG1288320
2,6-Dinitrotoluene	U		0.00864	0.390	1	05/30/2019 18:52	WG1288320
Fluoranthene	U		0.00581	0.0390	1	05/30/2019 18:52	WG1288320
Fluorene	U		0.00799	0.0390	1	05/30/2019 18:52	WG1288320
Hexachlorobenzene	U		0.0100	0.390	1	05/30/2019 18:52	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0117	0.390	1	05/30/2019 18:52	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0688	0.390	1	05/30/2019 18:52	WG1288320
Hexachloroethane	U		0.0157	0.390	1	05/30/2019 18:52	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00905	0.0390	1	05/30/2019 18:52	WG1288320
Isophorone	U		0.00612	0.390	1	05/30/2019 18:52	WG1288320
Naphthalene	U		0.0104	0.0390	1	05/30/2019 18:52	WG1288320
Nitrobenzene	U		0.00815	0.390	1	05/30/2019 18:52	WG1288320
n-Nitrosodimethylamine	U		0.0758	0.390	1	05/30/2019 18:52	WG1288320
n-Nitrosodiphenylamine	U		0.105	0.390	1	05/30/2019 18:52	WG1288320
n-Nitrosodi-n-propylamine	U		0.0106	0.390	1	05/30/2019 18:52	WG1288320
Phenanthrene	U		0.00619	0.0390	1	05/30/2019 18:52	WG1288320
Benzylbutyl phthalate	U		0.0121	0.390	1	05/30/2019 18:52	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0141	0.390	1	05/30/2019 18:52	WG1288320
Di-n-butyl phthalate	U		0.0128	0.390	1	05/30/2019 18:52	WG1288320
Diethyl phthalate	U		0.00810	0.390	1	05/30/2019 18:52	WG1288320
Dimethyl phthalate	U		0.00633	0.390	1	05/30/2019 18:52	WG1288320
Di-n-octyl phthalate	U		0.0106	0.390	1	05/30/2019 18:52	WG1288320
Pyrene	U		0.0144	0.0390	1	05/30/2019 18:52	WG1288320
1,2,4-Trichlorobenzene	U		0.0103	0.390	1	05/30/2019 18:52	WG1288320
4-Chloro-3-methylphenol	U		0.00559	0.390	1	05/30/2019 18:52	WG1288320
2-Chlorophenol	U		0.00974	0.390	1	05/30/2019 18:52	WG1288320
2,4-Dichlorophenol	U		0.00874	0.390	1	05/30/2019 18:52	WG1288320
2,4-Dimethylphenol	U	J0	0.0552	0.390	1	05/30/2019 18:52	WG1288320
4,6-Dinitro-2-methylphenol	U		0.145	0.390	1	05/30/2019 18:52	WG1288320
2,4-Dinitrophenol	U		0.115	0.390	1	05/30/2019 18:52	WG1288320
2-Nitrophenol	U		0.0152	0.390	1	05/30/2019 18:52	WG1288320
4-Nitrophenol	U		0.0615	0.390	1	05/30/2019 18:52	WG1288320
Pentachlorophenol	U	J0	0.0563	0.390	1	05/30/2019 18:52	WG1288320
Phenol	U		0.00815	0.390	1	05/30/2019 18:52	WG1288320
2,4,6-Trichlorophenol	U		0.00913	0.390	1	05/30/2019 18:52	WG1288320
(S) 2-Fluorophenol	*85.2*			*12.0-120*		*05/30/2019 18:52*	WG1288320
(S) Phenol-d5	*71.7*			*10.0-120*		*05/30/2019 18:52*	WG1288320
(S) Nitrobenzene-d5	*63.2*			*10.0-122*		*05/30/2019 18:52*	WG1288320
(S) 2-Fluorobiphenyl	*71.0*			*15.0-120*		*05/30/2019 18:52*	WG1288320
(S) 2,4,6-Tribromophenol	*62.5*			*10.0-127*		*05/30/2019 18:52*	WG1288320
(S) p-Terphenyl-d14	*74.1*			*10.0-120*		*05/30/2019 18:52*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.1		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00161	0.0238	1	06/01/2019 19:49	WG1288332
Alpha BHC	U		0.00162	0.0238	1	06/01/2019 19:49	WG1288332
Beta BHC	U		0.00190	0.0238	1	06/01/2019 19:49	WG1288332
Delta BHC	U		0.00170	0.0238	1	06/01/2019 19:49	WG1288332
Gamma BHC	U		0.00172	0.0238	1	06/01/2019 19:49	WG1288332
Chlordane	U		0.0464	0.238	1	06/01/2019 19:49	WG1288332
4,4-DDD	U		0.00186	0.0238	1	06/01/2019 19:49	WG1288332
4,4-DDE	U		0.00183	0.0238	1	06/01/2019 19:49	WG1288332
4,4-DDT	U		0.00238	0.0238	1	06/01/2019 19:49	WG1288332
Dieldrin	U		0.00181	0.0238	1	06/01/2019 19:49	WG1288332
Endosulfan I	U		0.00177	0.0238	1	06/01/2019 19:49	WG1288332
Endosulfan II	U		0.00190	0.0238	1	06/01/2019 19:49	WG1288332
Endosulfan sulfate	U		0.00180	0.0238	1	06/01/2019 19:49	WG1288332
Endrin	U		0.00187	0.0238	1	06/01/2019 19:49	WG1288332
Endrin aldehyde	U		0.00153	0.0238	1	06/01/2019 19:49	WG1288332
Endrin ketone	U		0.00196	0.0238	1	06/01/2019 19:49	WG1288332
Hexachlorobenzene	U		0.00148	0.0238	1	06/01/2019 19:49	WG1288332
Heptachlor	U		0.00183	0.0238	1	06/01/2019 19:49	WG1288332
Heptachlor epoxide	U		0.00192	0.0238	1	06/01/2019 19:49	WG1288332
Methoxychlor	U		0.00212	0.0238	1	06/01/2019 19:49	WG1288332
Toxaphene	U		0.0428	0.476	1	06/01/2019 19:49	WG1288332
(S) Decachlorobiphenyl	*63.0*			*10.0-135*		*06/01/2019 19:49*	WG1288332
(S) Tetrachloro-m-xylene	*78.6*			*10.0-139*		*06/01/2019 19:49*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00764	0.0396	1	05/30/2019 18:32	WG1288320
Acenaphthylene	U		0.00798	0.0396	1	05/30/2019 18:32	WG1288320
Anthracene	U		0.00752	0.0396	1	05/30/2019 18:32	WG1288320
Benzidine	U		0.0758	0.396	1	05/30/2019 18:32	WG1288320
Benzo(a)anthracene	U		0.00509	0.0396	1	05/30/2019 18:32	WG1288320
Benzo(b)fluoranthene	U		0.00827	0.0396	1	05/30/2019 18:32	WG1288320
Benzo(k)fluoranthene	U		0.00692	0.0396	1	05/30/2019 18:32	WG1288320
Benzo(g,h,i)perylene	U		0.00858	0.0396	1	05/30/2019 18:32	WG1288320
Benzo(a)pyrene	U		0.00652	0.0396	1	05/30/2019 18:32	WG1288320
Bis(2-chlorethoxy)methane	U		0.00916	0.396	1	05/30/2019 18:32	WG1288320
Bis(2-chloroethyl)ether	U		0.0107	0.396	1	05/30/2019 18:32	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00904	0.396	1	05/30/2019 18:32	WG1288320
4-Bromophenyl-phenylether	U		0.0136	0.396	1	05/30/2019 18:32	WG1288320
2-Chloronaphthalene	U		0.00760	0.0396	1	05/30/2019 18:32	WG1288320
4-Chlorophenyl-phenylether	U		0.00746	0.396	1	05/30/2019 18:32	WG1288320
Chrysene	U		0.00660	0.0396	1	05/30/2019 18:32	WG1288320
Dibenz(a,h)anthracene	U		0.00977	0.0396	1	05/30/2019 18:32	WG1288320
3,3-Dichlorobenzidine	U		0.0944	0.396	1	05/30/2019 18:32	WG1288320
2,4-Dinitrotoluene	U		0.00722	0.396	1	05/30/2019 18:32	WG1288320
2,6-Dinitrotoluene	U		0.00877	0.396	1	05/30/2019 18:32	WG1288320
Fluoranthene	U		0.00590	0.0396	1	05/30/2019 18:32	WG1288320
Fluorene	U		0.00811	0.0396	1	05/30/2019 18:32	WG1288320
Hexachlorobenzene	U		0.0102	0.396	1	05/30/2019 18:32	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.396	1	05/30/2019 18:32	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0698	0.396	1	05/30/2019 18:32	WG1288320
Hexachloroethane	U		0.0159	0.396	1	05/30/2019 18:32	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00918	0.0396	1	05/30/2019 18:32	WG1288320
Isophorone	U		0.00621	0.396	1	05/30/2019 18:32	WG1288320
Naphthalene	U		0.0106	0.0396	1	05/30/2019 18:32	WG1288320
Nitrobenzene	U		0.00827	0.396	1	05/30/2019 18:32	WG1288320
n-Nitrosodimethylamine	U		0.0770	0.396	1	05/30/2019 18:32	WG1288320
n-Nitrosodiphenylamine	U		0.107	0.396	1	05/30/2019 18:32	WG1288320
n-Nitrosodi-n-propylamine	U		0.0108	0.396	1	05/30/2019 18:32	WG1288320
Phenanthrene	U		0.00628	0.0396	1	05/30/2019 18:32	WG1288320
Benzylbutyl phthalate	U		0.0123	0.396	1	05/30/2019 18:32	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0143	0.396	1	05/30/2019 18:32	WG1288320
Di-n-butyl phthalate	U		0.0130	0.396	1	05/30/2019 18:32	WG1288320
Diethyl phthalate	U		0.00822	0.396	1	05/30/2019 18:32	WG1288320
Dimethyl phthalate	U		0.00642	0.396	1	05/30/2019 18:32	WG1288320
Di-n-octyl phthalate	U		0.0108	0.396	1	05/30/2019 18:32	WG1288320
Pyrene	U		0.0146	0.0396	1	05/30/2019 18:32	WG1288320
1,2,4-Trichlorobenzene	U		0.0104	0.396	1	05/30/2019 18:32	WG1288320
4-Chloro-3-methylphenol	U		0.00567	0.396	1	05/30/2019 18:32	WG1288320
2-Chlorophenol	U		0.00988	0.396	1	05/30/2019 18:32	WG1288320
2,4-Dichlorophenol	U		0.00887	0.396	1	05/30/2019 18:32	WG1288320
2,4-Dimethylphenol	U	J0	0.0560	0.396	1	05/30/2019 18:32	WG1288320
4,6-Dinitro-2-methylphenol	U		0.148	0.396	1	05/30/2019 18:32	WG1288320
2,4-Dinitrophenol	U		0.117	0.396	1	05/30/2019 18:32	WG1288320
2-Nitrophenol	U		0.0155	0.396	1	05/30/2019 18:32	WG1288320
4-Nitrophenol	U		0.0624	0.396	1	05/30/2019 18:32	WG1288320
Pentachlorophenol	U	J0	0.0571	0.396	1	05/30/2019 18:32	WG1288320
Phenol	U		0.00827	0.396	1	05/30/2019 18:32	WG1288320
2,4,6-Trichlorophenol	U		0.00927	0.396	1	05/30/2019 18:32	WG1288320
(S) 2-Fluorophenol	*79.7*			*12.0-120*		*05/30/2019 18:32*	WG1288320
(S) Phenol-d5	*70.5*			*10.0-120*		*05/30/2019 18:32*	WG1288320
(S) Nitrobenzene-d5	*63.1*			*10.0-122*		*05/30/2019 18:32*	WG1288320
(S) 2-Fluorobiphenyl	*67.1*			*15.0-120*		*05/30/2019 18:32*	WG1288320
(S) 2,4,6-Tribromophenol	*68.8*			*10.0-127*		*05/30/2019 18:32*	WG1288320
(S) p-Terphenyl-d14	*80.0*			*10.0-120*		*05/30/2019 18:32*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.1		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00157	0.0232	1	06/01/2019 20:03	WG1288332
Alpha BHC	U		0.00158	0.0232	1	06/01/2019 20:03	WG1288332
Beta BHC	U		0.00186	0.0232	1	06/01/2019 20:03	WG1288332
Delta BHC	U		0.00166	0.0232	1	06/01/2019 20:03	WG1288332
Gamma BHC	U		0.00168	0.0232	1	06/01/2019 20:03	WG1288332
Chlordane	U		0.0453	0.232	1	06/01/2019 20:03	WG1288332
4,4-DDD	U		0.00181	0.0232	1	06/01/2019 20:03	WG1288332
4,4-DDE	U		0.00179	0.0232	1	06/01/2019 20:03	WG1288332
4,4-DDT	U		0.00232	0.0232	1	06/01/2019 20:03	WG1288332
Dieldrin	0.00969	J	0.00176	0.0232	1	06/01/2019 20:03	WG1288332
Endosulfan I	U		0.00173	0.0232	1	06/01/2019 20:03	WG1288332
Endosulfan II	U		0.00186	0.0232	1	06/01/2019 20:03	WG1288332
Endosulfan sulfate	U		0.00175	0.0232	1	06/01/2019 20:03	WG1288332
Endrin	U		0.00182	0.0232	1	06/01/2019 20:03	WG1288332
Endrin aldehyde	U		0.00150	0.0232	1	06/01/2019 20:03	WG1288332
Endrin ketone	U		0.00192	0.0232	1	06/01/2019 20:03	WG1288332
Hexachlorobenzene	U		0.00144	0.0232	1	06/01/2019 20:03	WG1288332
Heptachlor	U		0.00179	0.0232	1	06/01/2019 20:03	WG1288332
Heptachlor epoxide	U		0.00187	0.0232	1	06/01/2019 20:03	WG1288332
Methoxychlor	U		0.00207	0.0232	1	06/01/2019 20:03	WG1288332
Toxaphene	U		0.0418	0.464	1	06/01/2019 20:03	WG1288332
(S) Decachlorobiphenyl	*60.7*			*10.0-135*		*06/01/2019 20:03*	WG1288332
(S) Tetrachloro-m-xylene	*79.2*			*10.0-139*		*06/01/2019 20:03*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.373	1.94	50	05/31/2019 00:03	WG1288320
Acenaphthylene	U		0.389	1.94	50	05/31/2019 00:03	WG1288320
Anthracene	U		0.367	1.94	50	05/31/2019 00:03	WG1288320
Benzidine	U		3.70	19.4	50	05/31/2019 00:03	WG1288320
Benzo(a)anthracene	U		0.248	1.94	50	05/31/2019 00:03	WG1288320
Benzo(b)fluoranthene	U		0.403	1.94	50	05/31/2019 00:03	WG1288320
Benzo(k)fluoranthene	U		0.338	1.94	50	05/31/2019 00:03	WG1288320
Benzo(g,h,i)perylene	U		0.419	1.94	50	05/31/2019 00:03	WG1288320
Benzo(a)pyrene	U		0.318	1.94	50	05/31/2019 00:03	WG1288320
Bis(2-chlorethoxy)methane	U		0.447	19.4	50	05/31/2019 00:03	WG1288320
Bis(2-chloroethyl)ether	U		0.520	19.4	50	05/31/2019 00:03	WG1288320
Bis(2-chloroisopropyl)ether	U		0.441	19.4	50	05/31/2019 00:03	WG1288320
4-Bromophenyl-phenylether	U		0.662	19.4	50	05/31/2019 00:03	WG1288320
2-Chloronaphthalene	U		0.372	1.94	50	05/31/2019 00:03	WG1288320
4-Chlorophenyl-phenylether	U		0.365	19.4	50	05/31/2019 00:03	WG1288320
Chrysene	U		0.323	1.94	50	05/31/2019 00:03	WG1288320
Dibenz(a,h)anthracene	U		0.477	1.94	50	05/31/2019 00:03	WG1288320
3,3-Dichlorobenzidine	U		4.61	19.4	50	05/31/2019 00:03	WG1288320
2,4-Dinitrotoluene	U		0.353	19.4	50	05/31/2019 00:03	WG1288320
2,6-Dinitrotoluene	U		0.428	19.4	50	05/31/2019 00:03	WG1288320
Fluoranthene	U		0.288	1.94	50	05/31/2019 00:03	WG1288320
Fluorene	U		0.396	1.94	50	05/31/2019 00:03	WG1288320
Hexachlorobenzene	U		0.497	19.4	50	05/31/2019 00:03	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.580	19.4	50	05/31/2019 00:03	WG1288320
Hexachlorocyclopentadiene	U	J0	3.41	19.4	50	05/31/2019 00:03	WG1288320
Hexachloroethane	U		0.778	19.4	50	05/31/2019 00:03	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.448	1.94	50	05/31/2019 00:03	WG1288320
Isophorone	U		0.303	19.4	50	05/31/2019 00:03	WG1288320
Naphthalene	U		0.517	1.94	50	05/31/2019 00:03	WG1288320
Nitrobenzene	U		0.403	19.4	50	05/31/2019 00:03	WG1288320
n-Nitrosodimethylamine	U		3.76	19.4	50	05/31/2019 00:03	WG1288320
n-Nitrosodiphenylamine	U		5.22	19.4	50	05/31/2019 00:03	WG1288320
n-Nitrosodi-n-propylamine	U		0.526	19.4	50	05/31/2019 00:03	WG1288320
Phenanthrene	U		0.307	1.94	50	05/31/2019 00:03	WG1288320
Benzylbutyl phthalate	U		0.598	19.4	50	05/31/2019 00:03	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.697	19.4	50	05/31/2019 00:03	WG1288320
Di-n-butyl phthalate	U		0.633	19.4	50	05/31/2019 00:03	WG1288320
Diethyl phthalate	U		0.402	19.4	50	05/31/2019 00:03	WG1288320
Dimethyl phthalate	U		0.313	19.4	50	05/31/2019 00:03	WG1288320
Di-n-octyl phthalate	U		0.527	19.4	50	05/31/2019 00:03	WG1288320
Pyrene	U		0.714	1.94	50	05/31/2019 00:03	WG1288320
1,2,4-Trichlorobenzene	U		0.509	19.4	50	05/31/2019 00:03	WG1288320
4-Chloro-3-methylphenol	U		0.277	19.4	50	05/31/2019 00:03	WG1288320
2-Chlorophenol	U		0.482	19.4	50	05/31/2019 00:03	WG1288320
2,4-Dichlorophenol	U		0.433	19.4	50	05/31/2019 00:03	WG1288320
2,4-Dimethylphenol	U	J0	2.74	19.4	50	05/31/2019 00:03	WG1288320
4,6-Dinitro-2-methylphenol	U		7.20	19.4	50	05/31/2019 00:03	WG1288320
2,4-Dinitrophenol	U		5.69	19.4	50	05/31/2019 00:03	WG1288320
2-Nitrophenol	U		0.755	19.4	50	05/31/2019 00:03	WG1288320
4-Nitrophenol	U		3.05	19.4	50	05/31/2019 00:03	WG1288320
Pentachlorophenol	U	J0	2.79	19.4	50	05/31/2019 00:03	WG1288320
Phenol	U		0.403	19.4	50	05/31/2019 00:03	WG1288320
2,4,6-Trichlorophenol	U		0.453	19.4	50	05/31/2019 00:03	WG1288320
(S) 2-Fluorophenol	*71.7*	J7		*12.0-120*		*05/31/2019 00:03*	WG1288320
(S) Phenol-d5	*55.3*	J7		*10.0-120*		*05/31/2019 00:03*	WG1288320
(S) Nitrobenzene-d5	*55.1*	J7		*10.0-122*		*05/31/2019 00:03*	WG1288320
(S) 2-Fluorobiphenyl	*67.5*	J7		*15.0-120*		*05/31/2019 00:03*	WG1288320
(S) 2,4,6-Tribromophenol	*0.000*	J7		*10.0-127*		*05/31/2019 00:03*	WG1288320
(S) p-Terphenyl-d14	*82.8*	J7		*10.0-120*		*05/31/2019 00:03*	WG1288320

Sample Narrative:

L1102115-17 WG1288320: Dilution due to viscosity.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.9		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00155	0.0230	1	06/01/2019 20:18	WG1288332
Alpha BHC	U		0.00156	0.0230	1	06/01/2019 20:18	WG1288332
Beta BHC	U		0.00184	0.0230	1	06/01/2019 20:18	WG1288332
Delta BHC	U		0.00165	0.0230	1	06/01/2019 20:18	WG1288332
Gamma BHC	U		0.00167	0.0230	1	06/01/2019 20:18	WG1288332
Chlordane	U		0.0449	0.230	1	06/01/2019 20:18	WG1288332
4,4-DDD	U		0.00180	0.0230	1	06/01/2019 20:18	WG1288332
4,4-DDE	U		0.00177	0.0230	1	06/01/2019 20:18	WG1288332
4,4-DDT	U		0.00230	0.0230	1	06/01/2019 20:18	WG1288332
Dieldrin	U		0.00175	0.0230	1	06/01/2019 20:18	WG1288332
Endosulfan I	U		0.00171	0.0230	1	06/01/2019 20:18	WG1288332
Endosulfan II	U		0.00184	0.0230	1	06/01/2019 20:18	WG1288332
Endosulfan sulfate	U		0.00174	0.0230	1	06/01/2019 20:18	WG1288332
Endrin	U		0.00181	0.0230	1	06/01/2019 20:18	WG1288332
Endrin aldehyde	U		0.00148	0.0230	1	06/01/2019 20:18	WG1288332
Endrin ketone	U		0.00190	0.0230	1	06/01/2019 20:18	WG1288332
Hexachlorobenzene	U		0.00143	0.0230	1	06/01/2019 20:18	WG1288332
Heptachlor	U		0.00177	0.0230	1	06/01/2019 20:18	WG1288332
Heptachlor epoxide	U		0.00185	0.0230	1	06/01/2019 20:18	WG1288332
Methoxychlor	U		0.00205	0.0230	1	06/01/2019 20:18	WG1288332
Toxaphene	U		0.0414	0.460	1	06/01/2019 20:18	WG1288332
(S) Decachlorobiphenyl	*69.5*			*10.0-135*		*06/01/2019 20:18*	WG1288332
(S) Tetrachloro-m-xylene	*84.4*			*10.0-139*		*06/01/2019 20:18*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00739	0.0383	1	05/30/2019 19:50	WG1288320
Acenaphthylene	U		0.00772	0.0383	1	05/30/2019 19:50	WG1288320
Anthracene	U		0.00727	0.0383	1	05/30/2019 19:50	WG1288320
Benzidine	U		0.0733	0.383	1	05/30/2019 19:50	WG1288320
Benzo(a)anthracene	U		0.00493	0.0383	1	05/30/2019 19:50	WG1288320
Benzo(b)fluoranthene	U		0.00800	0.0383	1	05/30/2019 19:50	WG1288320
Benzo(k)fluoranthene	U		0.00670	0.0383	1	05/30/2019 19:50	WG1288320
Benzo(g,h,i)perylene	U		0.00830	0.0383	1	05/30/2019 19:50	WG1288320
Benzo(a)pyrene	U		0.00631	0.0383	1	05/30/2019 19:50	WG1288320
Bis(2-chlorethoxy)methane	U		0.00886	0.383	1	05/30/2019 19:50	WG1288320
Bis(2-chloroethyl)ether	U		0.0103	0.383	1	05/30/2019 19:50	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00875	0.383	1	05/30/2019 19:50	WG1288320
4-Bromophenyl-phenylether	U		0.0131	0.383	1	05/30/2019 19:50	WG1288320
2-Chloronaphthalene	U		0.00735	0.0383	1	05/30/2019 19:50	WG1288320
4-Chlorophenyl-phenylether	U		0.00722	0.383	1	05/30/2019 19:50	WG1288320
Chrysene	U		0.00639	0.0383	1	05/30/2019 19:50	WG1288320
Dibenz(a,h)anthracene	U		0.00945	0.0383	1	05/30/2019 19:50	WG1288320
3,3-Dichlorobenzidine	U		0.0914	0.383	1	05/30/2019 19:50	WG1288320
2,4-Dinitrotoluene	U		0.00698	0.383	1	05/30/2019 19:50	WG1288320
2,6-Dinitrotoluene	U		0.00848	0.383	1	05/30/2019 19:50	WG1288320
Fluoranthene	U		0.00571	0.0383	1	05/30/2019 19:50	WG1288320
Fluorene	U		0.00785	0.0383	1	05/30/2019 19:50	WG1288320
Hexachlorobenzene	U		0.00985	0.383	1	05/30/2019 19:50	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0115	0.383	1	05/30/2019 19:50	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0675	0.383	1	05/30/2019 19:50	WG1288320
Hexachloroethane	U		0.0154	0.383	1	05/30/2019 19:50	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00888	0.0383	1	05/30/2019 19:50	WG1288320
Isophorone	U		0.00601	0.383	1	05/30/2019 19:50	WG1288320
Naphthalene	U		0.0102	0.0383	1	05/30/2019 19:50	WG1288320
Nitrobenzene	U		0.00800	0.383	1	05/30/2019 19:50	WG1288320
n-Nitrosodimethylamine	U		0.0745	0.383	1	05/30/2019 19:50	WG1288320
n-Nitrosodiphenylamine	U		0.104	0.383	1	05/30/2019 19:50	WG1288320
n-Nitrosodi-n-propylamine	U		0.0104	0.383	1	05/30/2019 19:50	WG1288320
Phenanthrene	U		0.00608	0.0383	1	05/30/2019 19:50	WG1288320
Benzylbutyl phthalate	U		0.0119	0.383	1	05/30/2019 19:50	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0138	0.383	1	05/30/2019 19:50	WG1288320
Di-n-butyl phthalate	U		0.0125	0.383	1	05/30/2019 19:50	WG1288320
Diethyl phthalate	U		0.00795	0.383	1	05/30/2019 19:50	WG1288320
Dimethyl phthalate	U		0.00621	0.383	1	05/30/2019 19:50	WG1288320
Di-n-octyl phthalate	U		0.0104	0.383	1	05/30/2019 19:50	WG1288320
Pyrene	U		0.0142	0.0383	1	05/30/2019 19:50	WG1288320
1,2,4-Trichlorobenzene	U		0.0101	0.383	1	05/30/2019 19:50	WG1288320
4-Chloro-3-methylphenol	U		0.00549	0.383	1	05/30/2019 19:50	WG1288320
2-Chlorophenol	U		0.00956	0.383	1	05/30/2019 19:50	WG1288320
2,4-Dichlorophenol	U		0.00858	0.383	1	05/30/2019 19:50	WG1288320
2,4-Dimethylphenol	U	J0	0.0542	0.383	1	05/30/2019 19:50	WG1288320
4,6-Dinitro-2-methylphenol	U		0.143	0.383	1	05/30/2019 19:50	WG1288320
2,4-Dinitrophenol	U		0.113	0.383	1	05/30/2019 19:50	WG1288320
2-Nitrophenol	U		0.0150	0.383	1	05/30/2019 19:50	WG1288320
4-Nitrophenol	U		0.0604	0.383	1	05/30/2019 19:50	WG1288320
Pentachlorophenol	U	J0	0.0552	0.383	1	05/30/2019 19:50	WG1288320
Phenol	U		0.00800	0.383	1	05/30/2019 19:50	WG1288320
2,4,6-Trichlorophenol	U		0.00896	0.383	1	05/30/2019 19:50	WG1288320
(S) 2-Fluorophenol	*81.4*			*12.0-120*		*05/30/2019 19:50*	WG1288320
(S) Phenol-d5	*70.9*			*10.0-120*		*05/30/2019 19:50*	WG1288320
(S) Nitrobenzene-d5	*64.6*			*10.0-122*		*05/30/2019 19:50*	WG1288320
(S) 2-Fluorobiphenyl	*67.1*			*15.0-120*		*05/30/2019 19:50*	WG1288320
(S) 2,4,6-Tribromophenol	*77.3*			*10.0-127*		*05/30/2019 19:50*	WG1288320
(S) p-Terphenyl-d14	*79.9*			*10.0-120*		*05/30/2019 19:50*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.2		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00162	0.0240	1	06/01/2019 20:33	WG1288332
Alpha BHC	U		0.00164	0.0240	1	06/01/2019 20:33	WG1288332
Beta BHC	U		0.00192	0.0240	1	06/01/2019 20:33	WG1288332
Delta BHC	U		0.00172	0.0240	1	06/01/2019 20:33	WG1288332
Gamma BHC	U		0.00174	0.0240	1	06/01/2019 20:33	WG1288332
Chlordane	U		0.0469	0.240	1	06/01/2019 20:33	WG1288332
4,4-DDD	U		0.00188	0.0240	1	06/01/2019 20:33	WG1288332
4,4-DDE	U		0.00185	0.0240	1	06/01/2019 20:33	WG1288332
4,4-DDT	U		0.00240	0.0240	1	06/01/2019 20:33	WG1288332
Dieldrin	U		0.00183	0.0240	1	06/01/2019 20:33	WG1288332
Endosulfan I	U		0.00179	0.0240	1	06/01/2019 20:33	WG1288332
Endosulfan II	U		0.00192	0.0240	1	06/01/2019 20:33	WG1288332
Endosulfan sulfate	U		0.00182	0.0240	1	06/01/2019 20:33	WG1288332
Endrin	U		0.00189	0.0240	1	06/01/2019 20:33	WG1288332
Endrin aldehyde	U		0.00155	0.0240	1	06/01/2019 20:33	WG1288332
Endrin ketone	U		0.00198	0.0240	1	06/01/2019 20:33	WG1288332
Hexachlorobenzene	U		0.00149	0.0240	1	06/01/2019 20:33	WG1288332
Heptachlor	U		0.00185	0.0240	1	06/01/2019 20:33	WG1288332
Heptachlor epoxide	U		0.00194	0.0240	1	06/01/2019 20:33	WG1288332
Methoxychlor	U		0.00214	0.0240	1	06/01/2019 20:33	WG1288332
Toxaphene	U		0.0433	0.481	1	06/01/2019 20:33	WG1288332
(S) Decachlorobiphenyl	*73.3*			*10.0-135*		*06/01/2019 20:33*	WG1288332
(S) Tetrachloro-m-xylene	*84.2*			*10.0-139*		*06/01/2019 20:33*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00772	0.0400	1	05/30/2019 18:13	WG1288320
Acenaphthylene	U		0.00807	0.0400	1	05/30/2019 18:13	WG1288320
Anthracene	U		0.00760	0.0400	1	05/30/2019 18:13	WG1288320
Benzidine	U		0.0766	0.400	1	05/30/2019 18:13	WG1288320
Benzo(a)anthracene	U		0.00515	0.0400	1	05/30/2019 18:13	WG1288320
Benzo(b)fluoranthene	U		0.00836	0.0400	1	05/30/2019 18:13	WG1288320
Benzo(k)fluoranthene	U		0.00700	0.0400	1	05/30/2019 18:13	WG1288320
Benzo(g,h,i)perylene	U		0.00867	0.0400	1	05/30/2019 18:13	WG1288320
Benzo(a)pyrene	U		0.00659	0.0400	1	05/30/2019 18:13	WG1288320
Bis(2-chlorethoxy)methane	U		0.00926	0.400	1	05/30/2019 18:13	WG1288320
Bis(2-chloroethyl)ether	U		0.0108	0.400	1	05/30/2019 18:13	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00914	0.400	1	05/30/2019 18:13	WG1288320
4-Bromophenyl-phenylether	U		0.0137	0.400	1	05/30/2019 18:13	WG1288320
2-Chloronaphthalene	U		0.00768	0.0400	1	05/30/2019 18:13	WG1288320
4-Chlorophenyl-phenylether	U		0.00754	0.400	1	05/30/2019 18:13	WG1288320
Chrysene	U		0.00667	0.0400	1	05/30/2019 18:13	WG1288320
Dibenz(a,h)anthracene	U		0.00987	0.0400	1	05/30/2019 18:13	WG1288320
3,3-Dichlorobenzidine	U		0.0955	0.400	1	05/30/2019 18:13	WG1288320
2,4-Dinitrotoluene	U		0.00730	0.400	1	05/30/2019 18:13	WG1288320
2,6-Dinitrotoluene	U		0.00886	0.400	1	05/30/2019 18:13	WG1288320
Fluoranthene	U		0.00596	0.0400	1	05/30/2019 18:13	WG1288320
Fluorene	U		0.00820	0.0400	1	05/30/2019 18:13	WG1288320
Hexachlorobenzene	U		0.0103	0.400	1	05/30/2019 18:13	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0120	0.400	1	05/30/2019 18:13	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0706	0.400	1	05/30/2019 18:13	WG1288320
Hexachloroethane	U		0.0161	0.400	1	05/30/2019 18:13	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00928	0.0400	1	05/30/2019 18:13	WG1288320
Isophorone	U		0.00628	0.400	1	05/30/2019 18:13	WG1288320
Naphthalene	U		0.0107	0.0400	1	05/30/2019 18:13	WG1288320
Nitrobenzene	U		0.00836	0.400	1	05/30/2019 18:13	WG1288320
n-Nitrosodimethylamine	U		0.0778	0.400	1	05/30/2019 18:13	WG1288320
n-Nitrosodiphenylamine	U		0.108	0.400	1	05/30/2019 18:13	WG1288320
n-Nitrosodi-n-propylamine	U		0.0109	0.400	1	05/30/2019 18:13	WG1288320
Phenanthrene	U		0.00635	0.0400	1	05/30/2019 18:13	WG1288320
Benzylbutyl phthalate	U		0.0124	0.400	1	05/30/2019 18:13	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0144	0.400	1	05/30/2019 18:13	WG1288320
Di-n-butyl phthalate	U		0.0131	0.400	1	05/30/2019 18:13	WG1288320
Diethyl phthalate	U		0.00831	0.400	1	05/30/2019 18:13	WG1288320
Dimethyl phthalate	U		0.00649	0.400	1	05/30/2019 18:13	WG1288320
Di-n-octyl phthalate	U		0.0109	0.400	1	05/30/2019 18:13	WG1288320
Pyrene	U		0.0148	0.0400	1	05/30/2019 18:13	WG1288320
1,2,4-Trichlorobenzene	U		0.0105	0.400	1	05/30/2019 18:13	WG1288320
4-Chloro-3-methylphenol	U		0.00573	0.400	1	05/30/2019 18:13	WG1288320
2-Chlorophenol	U		0.00999	0.400	1	05/30/2019 18:13	WG1288320
2,4-Dichlorophenol	U		0.00897	0.400	1	05/30/2019 18:13	WG1288320
2,4-Dimethylphenol	U	J0	0.0566	0.400	1	05/30/2019 18:13	WG1288320
4,6-Dinitro-2-methylphenol	U		0.149	0.400	1	05/30/2019 18:13	WG1288320
2,4-Dinitrophenol	U		0.118	0.400	1	05/30/2019 18:13	WG1288320
2-Nitrophenol	U		0.0156	0.400	1	05/30/2019 18:13	WG1288320
4-Nitrophenol	U		0.0631	0.400	1	05/30/2019 18:13	WG1288320
Pentachlorophenol	U	J0	0.0577	0.400	1	05/30/2019 18:13	WG1288320
Phenol	U		0.00836	0.400	1	05/30/2019 18:13	WG1288320
2,4,6-Trichlorophenol	U		0.00937	0.400	1	05/30/2019 18:13	WG1288320
(S) 2-Fluorophenol	*95.0*			*12.0-120*		*05/30/2019 18:13*	WG1288320
(S) Phenol-d5	*75.6*			*10.0-120*		*05/30/2019 18:13*	WG1288320
(S) Nitrobenzene-d5	*67.2*			*10.0-122*		*05/30/2019 18:13*	WG1288320
(S) 2-Fluorobiphenyl	*76.2*			*15.0-120*		*05/30/2019 18:13*	WG1288320
(S) 2,4,6-Tribromophenol	*75.5*			*10.0-127*		*05/30/2019 18:13*	WG1288320
(S) p-Terphenyl-d14	*84.0*			*10.0-120*		*05/30/2019 18:13*	WG1288320

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.1		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00161	0.0238	1	06/01/2019 20:48	WG1288332
Alpha BHC	U		0.00162	0.0238	1	06/01/2019 20:48	WG1288332
Beta BHC	U		0.00190	0.0238	1	06/01/2019 20:48	WG1288332
Delta BHC	U		0.00170	0.0238	1	06/01/2019 20:48	WG1288332
Gamma BHC	U		0.00172	0.0238	1	06/01/2019 20:48	WG1288332
Chlordane	U		0.0464	0.238	1	06/01/2019 20:48	WG1288332
4,4-DDD	U		0.00186	0.0238	1	06/01/2019 20:48	WG1288332
4,4-DDE	U		0.00183	0.0238	1	06/01/2019 20:48	WG1288332
4,4-DDT	U		0.00238	0.0238	1	06/01/2019 20:48	WG1288332
Dieldrin	U		0.00181	0.0238	1	06/01/2019 20:48	WG1288332
Endosulfan I	U		0.00177	0.0238	1	06/01/2019 20:48	WG1288332
Endosulfan II	U		0.00190	0.0238	1	06/01/2019 20:48	WG1288332
Endosulfan sulfate	U		0.00180	0.0238	1	06/01/2019 20:48	WG1288332
Endrin	U		0.00187	0.0238	1	06/01/2019 20:48	WG1288332
Endrin aldehyde	U		0.00153	0.0238	1	06/01/2019 20:48	WG1288332
Endrin ketone	U		0.00196	0.0238	1	06/01/2019 20:48	WG1288332
Hexachlorobenzene	U		0.00148	0.0238	1	06/01/2019 20:48	WG1288332
Heptachlor	U		0.00183	0.0238	1	06/01/2019 20:48	WG1288332
Heptachlor epoxide	U		0.00192	0.0238	1	06/01/2019 20:48	WG1288332
Methoxychlor	U		0.00212	0.0238	1	06/01/2019 20:48	WG1288332
Toxaphene	U		0.0428	0.476	1	06/01/2019 20:48	WG1288332
(S) Decachlorobiphenyl	*78.7*			*10.0-135*		*06/01/2019 20:48*	WG1288332
(S) Tetrachloro-m-xylene	*87.1*			*10.0-139*		*06/01/2019 20:48*	WG1288332

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00764	0.0396	1	05/30/2019 19:31	WG1288320
Acenaphthylene	U		0.00798	0.0396	1	05/30/2019 19:31	WG1288320
Anthracene	U		0.00752	0.0396	1	05/30/2019 19:31	WG1288320
Benzidine	U		0.0758	0.396	1	05/30/2019 19:31	WG1288320
Benzo(a)anthracene	U		0.00509	0.0396	1	05/30/2019 19:31	WG1288320
Benzo(b)fluoranthene	U		0.00827	0.0396	1	05/30/2019 19:31	WG1288320
Benzo(k)fluoranthene	U		0.00692	0.0396	1	05/30/2019 19:31	WG1288320
Benzo(g,h,i)perylene	U		0.00858	0.0396	1	05/30/2019 19:31	WG1288320
Benzo(a)pyrene	U		0.00652	0.0396	1	05/30/2019 19:31	WG1288320
Bis(2-chlorethoxy)methane	U		0.00916	0.396	1	05/30/2019 19:31	WG1288320
Bis(2-chloroethyl)ether	U		0.0107	0.396	1	05/30/2019 19:31	WG1288320
Bis(2-chloroisopropyl)ether	U		0.00904	0.396	1	05/30/2019 19:31	WG1288320
4-Bromophenyl-phenylether	U		0.0136	0.396	1	05/30/2019 19:31	WG1288320
2-Chloronaphthalene	U		0.00760	0.0396	1	05/30/2019 19:31	WG1288320
4-Chlorophenyl-phenylether	U		0.00746	0.396	1	05/30/2019 19:31	WG1288320
Chrysene	U		0.00660	0.0396	1	05/30/2019 19:31	WG1288320
Dibenz(a,h)anthracene	U		0.00977	0.0396	1	05/30/2019 19:31	WG1288320
3,3-Dichlorobenzidine	U		0.0945	0.396	1	05/30/2019 19:31	WG1288320
2,4-Dinitrotoluene	U		0.00722	0.396	1	05/30/2019 19:31	WG1288320
2,6-Dinitrotoluene	U		0.00877	0.396	1	05/30/2019 19:31	WG1288320
Fluoranthene	U		0.00590	0.0396	1	05/30/2019 19:31	WG1288320
Fluorene	U		0.00811	0.0396	1	05/30/2019 19:31	WG1288320
Hexachlorobenzene	U		0.0102	0.396	1	05/30/2019 19:31	WG1288320

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.396	1	05/30/2019 19:31	WG1288320
Hexachlorocyclopentadiene	U	J0	0.0698	0.396	1	05/30/2019 19:31	WG1288320
Hexachloroethane	U		0.0159	0.396	1	05/30/2019 19:31	WG1288320
Indeno(1,2,3-cd)pyrene	U		0.00918	0.0396	1	05/30/2019 19:31	WG1288320
Isophorone	U		0.00621	0.396	1	05/30/2019 19:31	WG1288320
Naphthalene	U		0.0106	0.0396	1	05/30/2019 19:31	WG1288320
Nitrobenzene	U		0.00827	0.396	1	05/30/2019 19:31	WG1288320
n-Nitrosodimethylamine	U		0.0770	0.396	1	05/30/2019 19:31	WG1288320
n-Nitrosodiphenylamine	U		0.107	0.396	1	05/30/2019 19:31	WG1288320
n-Nitrosodi-n-propylamine	U		0.0108	0.396	1	05/30/2019 19:31	WG1288320
Phenanthrene	U		0.00628	0.0396	1	05/30/2019 19:31	WG1288320
Benzylbutyl phthalate	U		0.0123	0.396	1	05/30/2019 19:31	WG1288320
Bis(2-ethylhexyl)phthalate	U		0.0143	0.396	1	05/30/2019 19:31	WG1288320
Di-n-butyl phthalate	U		0.0130	0.396	1	05/30/2019 19:31	WG1288320
Diethyl phthalate	U		0.00822	0.396	1	05/30/2019 19:31	WG1288320
Dimethyl phthalate	U		0.00642	0.396	1	05/30/2019 19:31	WG1288320
Di-n-octyl phthalate	U		0.0108	0.396	1	05/30/2019 19:31	WG1288320
Pyrene	U		0.0146	0.0396	1	05/30/2019 19:31	WG1288320
1,2,4-Trichlorobenzene	U		0.0104	0.396	1	05/30/2019 19:31	WG1288320
4-Chloro-3-methylphenol	U		0.00567	0.396	1	05/30/2019 19:31	WG1288320
2-Chlorophenol	U		0.00989	0.396	1	05/30/2019 19:31	WG1288320
2,4-Dichlorophenol	U		0.00887	0.396	1	05/30/2019 19:31	WG1288320
2,4-Dimethylphenol	U	J0	0.0560	0.396	1	05/30/2019 19:31	WG1288320
4,6-Dinitro-2-methylphenol	U		0.148	0.396	1	05/30/2019 19:31	WG1288320
2,4-Dinitrophenol	U		0.117	0.396	1	05/30/2019 19:31	WG1288320
2-Nitrophenol	U		0.0155	0.396	1	05/30/2019 19:31	WG1288320
4-Nitrophenol	U		0.0625	0.396	1	05/30/2019 19:31	WG1288320
Pentachlorophenol	U	J0	0.0571	0.396	1	05/30/2019 19:31	WG1288320
Phenol	U		0.00827	0.396	1	05/30/2019 19:31	WG1288320
2,4,6-Trichlorophenol	U		0.00927	0.396	1	05/30/2019 19:31	WG1288320
(S) 2-Fluorophenol	*84.2*			*12.0-120*		*05/30/2019 19:31*	WG1288320
(S) Phenol-d5	*70.8*			*10.0-120*		*05/30/2019 19:31*	WG1288320
(S) Nitrobenzene-d5	*61.4*			*10.0-122*		*05/30/2019 19:31*	WG1288320
(S) 2-Fluorobiphenyl	*65.4*			*15.0-120*		*05/30/2019 19:31*	WG1288320
(S) 2,4,6-Tribromophenol	*73.9*			*10.0-127*		*05/30/2019 19:31*	WG1288320
(S) p-Terphenyl-d14	*82.5*			*10.0-120*		*05/30/2019 19:31*	WG1288320

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.7		1	05/30/2019 16:23	WG1288608

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00161	0.0239	1	06/03/2019 09:01	WG1288333
Alpha BHC	U		0.00162	0.0239	1	06/03/2019 09:01	WG1288333
Beta BHC	U		0.00191	0.0239	1	06/03/2019 09:01	WG1288333
Delta BHC	U		0.00171	0.0239	1	06/03/2019 09:01	WG1288333
Gamma BHC	U		0.00173	0.0239	1	06/03/2019 09:01	WG1288333
Chlordane	U		0.0466	0.239	1	06/03/2019 09:01	WG1288333
4,4-DDD	U		0.00186	0.0239	1	06/03/2019 09:01	WG1288333
4,4-DDE	U		0.00184	0.0239	1	06/03/2019 09:01	WG1288333
4,4-DDT	U		0.00239	0.0239	1	06/03/2019 09:01	WG1288333
Dieldrin	U		0.00182	0.0239	1	06/03/2019 09:01	WG1288333
Endosulfan I	U		0.00178	0.0239	1	06/03/2019 09:01	WG1288333
Endosulfan II	U		0.00191	0.0239	1	06/03/2019 09:01	WG1288333
Endosulfan sulfate	U		0.00180	0.0239	1	06/03/2019 09:01	WG1288333
Endrin	U		0.00188	0.0239	1	06/03/2019 09:01	WG1288333
Endrin aldehyde	U		0.00154	0.0239	1	06/03/2019 09:01	WG1288333
Endrin ketone	U		0.00197	0.0239	1	06/03/2019 09:01	WG1288333
Hexachlorobenzene	U		0.00148	0.0239	1	06/03/2019 09:01	WG1288333
Heptachlor	U		0.00184	0.0239	1	06/03/2019 09:01	WG1288333
Heptachlor epoxide	U		0.00192	0.0239	1	06/03/2019 09:01	WG1288333
Methoxychlor	U		0.00213	0.0239	1	06/03/2019 09:01	WG1288333
Toxaphene	U		0.0430	0.478	1	06/03/2019 09:01	WG1288333
(S) Decachlorobiphenyl	*88.7*			*10.0-135*		*06/03/2019 09:01*	WG1288333
(S) Tetrachloro-m-xylene	*69.6*			*10.0-139*		*06/03/2019 09:01*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00767	0.0398	1	05/30/2019 21:00	WG1288321
Acenaphthylene	U		0.00801	0.0398	1	05/30/2019 21:00	WG1288321
Anthracene	U		0.00755	0.0398	1	05/30/2019 21:00	WG1288321
Benzidine	U		0.0761	0.398	1	05/30/2019 21:00	WG1288321
Benzo(a)anthracene	U		0.00511	0.0398	1	05/30/2019 21:00	WG1288321
Benzo(b)fluoranthene	U		0.00830	0.0398	1	05/30/2019 21:00	WG1288321
Benzo(k)fluoranthene	U		0.00695	0.0398	1	05/30/2019 21:00	WG1288321
Benzo(g,h,i)perylene	U		0.00861	0.0398	1	05/30/2019 21:00	WG1288321
Benzo(a)pyrene	U		0.00655	0.0398	1	05/30/2019 21:00	WG1288321
Bis(2-chlorethoxy)methane	U		0.00920	0.398	1	05/30/2019 21:00	WG1288321
Bis(2-chloroethyl)ether	U		0.0107	0.398	1	05/30/2019 21:00	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00908	0.398	1	05/30/2019 21:00	WG1288321
4-Bromophenyl-phenylether	U		0.0136	0.398	1	05/30/2019 21:00	WG1288321
2-Chloronaphthalene	U		0.00763	0.0398	1	05/30/2019 21:00	WG1288321
4-Chlorophenyl-phenylether	U		0.00749	0.398	1	05/30/2019 21:00	WG1288321
Chrysene	U		0.00663	0.0398	1	05/30/2019 21:00	WG1288321
Dibenz(a,h)anthracene	U		0.00981	0.0398	1	05/30/2019 21:00	WG1288321
3,3-Dichlorobenzidine	U		0.0948	0.398	1	05/30/2019 21:00	WG1288321
2,4-Dinitrotoluene	U		0.00725	0.398	1	05/30/2019 21:00	WG1288321
2,6-Dinitrotoluene	U		0.00880	0.398	1	05/30/2019 21:00	WG1288321
Fluoranthene	U		0.00592	0.0398	1	05/30/2019 21:00	WG1288321
Fluorene	U		0.00815	0.0398	1	05/30/2019 21:00	WG1288321
Hexachlorobenzene	U		0.0102	0.398	1	05/30/2019 21:00	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.398	1	05/30/2019 21:00	WG1288321
Hexachlorocyclopentadiene	U		0.0701	0.398	1	05/30/2019 21:00	WG1288321
Hexachloroethane	U		0.0160	0.398	1	05/30/2019 21:00	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00922	0.0398	1	05/30/2019 21:00	WG1288321
Isophorone	U		0.00623	0.398	1	05/30/2019 21:00	WG1288321
Naphthalene	U		0.0106	0.0398	1	05/30/2019 21:00	WG1288321
Nitrobenzene	U		0.00830	0.398	1	05/30/2019 21:00	WG1288321
n-Nitrosodimethylamine	U		0.0773	0.398	1	05/30/2019 21:00	WG1288321
n-Nitrosodiphenylamine	U		0.107	0.398	1	05/30/2019 21:00	WG1288321
n-Nitrosodi-n-propylamine	U		0.0108	0.398	1	05/30/2019 21:00	WG1288321
Phenanthrene	U		0.00631	0.0398	1	05/30/2019 21:00	WG1288321
Benzylbutyl phthalate	U		0.0123	0.398	1	05/30/2019 21:00	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0143	0.398	1	05/30/2019 21:00	WG1288321
Di-n-butyl phthalate	U		0.0130	0.398	1	05/30/2019 21:00	WG1288321
Diethyl phthalate	U		0.00825	0.398	1	05/30/2019 21:00	WG1288321
Dimethyl phthalate	U		0.00645	0.398	1	05/30/2019 21:00	WG1288321
Di-n-octyl phthalate	U		0.0108	0.398	1	05/30/2019 21:00	WG1288321
Pyrene	U		0.0147	0.0398	1	05/30/2019 21:00	WG1288321
1,2,4-Trichlorobenzene	U		0.0105	0.398	1	05/30/2019 21:00	WG1288321
4-Chloro-3-methylphenol	U		0.00570	0.398	1	05/30/2019 21:00	WG1288321
2-Chlorophenol	U		0.00993	0.398	1	05/30/2019 21:00	WG1288321
2,4-Dichlorophenol	U		0.00891	0.398	1	05/30/2019 21:00	WG1288321
2,4-Dimethylphenol	U		0.0563	0.398	1	05/30/2019 21:00	WG1288321
4,6-Dinitro-2-methylphenol	U		0.148	0.398	1	05/30/2019 21:00	WG1288321
2,4-Dinitrophenol	U		0.117	0.398	1	05/30/2019 21:00	WG1288321
2-Nitrophenol	U		0.0155	0.398	1	05/30/2019 21:00	WG1288321
4-Nitrophenol	U		0.0627	0.398	1	05/30/2019 21:00	WG1288321
Pentachlorophenol	U		0.0573	0.398	1	05/30/2019 21:00	WG1288321
Phenol	U		0.00830	0.398	1	05/30/2019 21:00	WG1288321
2,4,6-Trichlorophenol	U		0.00930	0.398	1	05/30/2019 21:00	WG1288321
(S) 2-Fluorophenol	*78.3*			*12.0-120*		*05/30/2019 21:00*	WG1288321
(S) Phenol-d5	*67.2*			*10.0-120*		*05/30/2019 21:00*	WG1288321
(S) Nitrobenzene-d5	*57.6*			*10.0-122*		*05/30/2019 21:00*	WG1288321
(S) 2-Fluorobiphenyl	*66.8*			*15.0-120*		*05/30/2019 21:00*	WG1288321
(S) 2,4,6-Tribromophenol	*68.8*			*10.0-127*		*05/30/2019 21:00*	WG1288321
(S) p-Terphenyl-d14	*76.3*			*10.0-120*		*05/30/2019 21:00*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.7		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0236	1	06/03/2019 09:13	WG1288333
Alpha BHC	U		0.00161	0.0236	1	06/03/2019 09:13	WG1288333
Beta BHC	U		0.00189	0.0236	1	06/03/2019 09:13	WG1288333
Delta BHC	U		0.00169	0.0236	1	06/03/2019 09:13	WG1288333
Gamma BHC	U		0.00171	0.0236	1	06/03/2019 09:13	WG1288333
Chlordane	U		0.0461	0.236	1	06/03/2019 09:13	WG1288333
4,4-DDD	U		0.00184	0.0236	1	06/03/2019 09:13	WG1288333
4,4-DDE	U		0.00182	0.0236	1	06/03/2019 09:13	WG1288333
4,4-DDT	U		0.00236	0.0236	1	06/03/2019 09:13	WG1288333
Dieldrin	U		0.00180	0.0236	1	06/03/2019 09:13	WG1288333
Endosulfan I	U		0.00176	0.0236	1	06/03/2019 09:13	WG1288333
Endosulfan II	U		0.00189	0.0236	1	06/03/2019 09:13	WG1288333
Endosulfan sulfate	U		0.00178	0.0236	1	06/03/2019 09:13	WG1288333
Endrin	U		0.00185	0.0236	1	06/03/2019 09:13	WG1288333
Endrin aldehyde	U		0.00152	0.0236	1	06/03/2019 09:13	WG1288333
Endrin ketone	U		0.00195	0.0236	1	06/03/2019 09:13	WG1288333
Hexachlorobenzene	U		0.00146	0.0236	1	06/03/2019 09:13	WG1288333
Heptachlor	U		0.00182	0.0236	1	06/03/2019 09:13	WG1288333
Heptachlor epoxide	U		0.00190	0.0236	1	06/03/2019 09:13	WG1288333
Methoxychlor	U		0.00210	0.0236	1	06/03/2019 09:13	WG1288333
Toxaphene	U		0.0425	0.472	1	06/03/2019 09:13	WG1288333
(S) Decachlorobiphenyl	*72.2*			*10.0-135*		*06/03/2019 09:13*	WG1288333
(S) Tetrachloro-m-xylene	*63.6*			*10.0-139*		*06/03/2019 09:13*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00758	0.0393	1	05/30/2019 18:26	WG1288321
Acenaphthylene	U		0.00793	0.0393	1	05/30/2019 18:26	WG1288321
Anthracene	U		0.00747	0.0393	1	05/30/2019 18:26	WG1288321
Benzidine	U		0.0752	0.393	1	05/30/2019 18:26	WG1288321
Benzo(a)anthracene	U		0.00506	0.0393	1	05/30/2019 18:26	WG1288321
Benzo(b)fluoranthene	U		0.00821	0.0393	1	05/30/2019 18:26	WG1288321
Benzo(k)fluoranthene	U		0.00687	0.0393	1	05/30/2019 18:26	WG1288321
Benzo(g,h,i)perylene	U		0.00852	0.0393	1	05/30/2019 18:26	WG1288321
Benzo(a)pyrene	U		0.00647	0.0393	1	05/30/2019 18:26	WG1288321
Bis(2-chlorethoxy)methane	U		0.00910	0.393	1	05/30/2019 18:26	WG1288321
Bis(2-chloroethyl)ether	U		0.0106	0.393	1	05/30/2019 18:26	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00898	0.393	1	05/30/2019 18:26	WG1288321
4-Bromophenyl-phenylether	U		0.0135	0.393	1	05/30/2019 18:26	WG1288321
2-Chloronaphthalene	U		0.00755	0.0393	1	05/30/2019 18:26	WG1288321
4-Chlorophenyl-phenylether	U		0.00741	0.393	1	05/30/2019 18:26	WG1288321
Chrysene	U		0.00656	0.0393	1	05/30/2019 18:26	WG1288321
Dibenz(a,h)anthracene	U		0.00970	0.0393	1	05/30/2019 18:26	WG1288321
3,3-Dichlorobenzidine	U		0.0938	0.393	1	05/30/2019 18:26	WG1288321
2,4-Dinitrotoluene	U		0.00717	0.393	1	05/30/2019 18:26	WG1288321
2,6-Dinitrotoluene	U		0.00871	0.393	1	05/30/2019 18:26	WG1288321
Fluoranthene	U		0.00586	0.0393	1	05/30/2019 18:26	WG1288321
Fluorene	U		0.00806	0.0393	1	05/30/2019 18:26	WG1288321
Hexachlorobenzene	U		0.0101	0.393	1	05/30/2019 18:26	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.393	1	05/30/2019 18:26	WG1288321
Hexachlorocyclopentadiene	U		0.0693	0.393	1	05/30/2019 18:26	WG1288321
Hexachloroethane	U		0.0158	0.393	1	05/30/2019 18:26	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00912	0.0393	1	05/30/2019 18:26	WG1288321
Isophorone	U		0.00617	0.393	1	05/30/2019 18:26	WG1288321
Naphthalene	U		0.0105	0.0393	1	05/30/2019 18:26	WG1288321
Nitrobenzene	U		0.00821	0.393	1	05/30/2019 18:26	WG1288321
n-Nitrosodimethylamine	U		0.0764	0.393	1	05/30/2019 18:26	WG1288321
n-Nitrosodiphenylamine	U		0.106	0.393	1	05/30/2019 18:26	WG1288321
n-Nitrosodi-n-propylamine	U		0.0107	0.393	1	05/30/2019 18:26	WG1288321
Phenanthrene	U		0.00624	0.0393	1	05/30/2019 18:26	WG1288321
Benzylbutyl phthalate	U		0.0122	0.393	1	05/30/2019 18:26	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0142	0.393	1	05/30/2019 18:26	WG1288321
Di-n-butyl phthalate	U		0.0129	0.393	1	05/30/2019 18:26	WG1288321
Diethyl phthalate	U		0.00816	0.393	1	05/30/2019 18:26	WG1288321
Dimethyl phthalate	U		0.00638	0.393	1	05/30/2019 18:26	WG1288321
Di-n-octyl phthalate	U		0.0107	0.393	1	05/30/2019 18:26	WG1288321
Pyrene	U		0.0145	0.0393	1	05/30/2019 18:26	WG1288321
1,2,4-Trichlorobenzene	U		0.0103	0.393	1	05/30/2019 18:26	WG1288321
4-Chloro-3-methylphenol	U		0.00563	0.393	1	05/30/2019 18:26	WG1288321
2-Chlorophenol	U		0.00982	0.393	1	05/30/2019 18:26	WG1288321
2,4-Dichlorophenol	U		0.00881	0.393	1	05/30/2019 18:26	WG1288321
2,4-Dimethylphenol	U		0.0556	0.393	1	05/30/2019 18:26	WG1288321
4,6-Dinitro-2-methylphenol	U		0.146	0.393	1	05/30/2019 18:26	WG1288321
2,4-Dinitrophenol	U		0.116	0.393	1	05/30/2019 18:26	WG1288321
2-Nitrophenol	U		0.0154	0.393	1	05/30/2019 18:26	WG1288321
4-Nitrophenol	U		0.0620	0.393	1	05/30/2019 18:26	WG1288321
Pentachlorophenol	U		0.0567	0.393	1	05/30/2019 18:26	WG1288321
Phenol	U		0.00821	0.393	1	05/30/2019 18:26	WG1288321
2,4,6-Trichlorophenol	U		0.00920	0.393	1	05/30/2019 18:26	WG1288321
(S) 2-Fluorophenol	*78.3*			*12.0-120*		*05/30/2019 18:26*	WG1288321
(S) Phenol-d5	*68.5*			*10.0-120*		*05/30/2019 18:26*	WG1288321
(S) Nitrobenzene-d5	*59.4*			*10.0-122*		*05/30/2019 18:26*	WG1288321
(S) 2-Fluorobiphenyl	*68.6*			*15.0-120*		*05/30/2019 18:26*	WG1288321
(S) 2,4,6-Tribromophenol	*70.3*			*10.0-127*		*05/30/2019 18:26*	WG1288321
(S) p-Terphenyl-d14	*77.5*			*10.0-120*		*05/30/2019 18:26*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.2		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00155	0.0229	1	06/03/2019 09:25	WG1288333
Alpha BHC	U		0.00156	0.0229	1	06/03/2019 09:25	WG1288333
Beta BHC	U		0.00184	0.0229	1	06/03/2019 09:25	WG1288333
Delta BHC	U		0.00164	0.0229	1	06/03/2019 09:25	WG1288333
Gamma BHC	U		0.00166	0.0229	1	06/03/2019 09:25	WG1288333
Chlordane	U		0.0447	0.229	1	06/03/2019 09:25	WG1288333
4,4-DDD	U		0.00179	0.0229	1	06/03/2019 09:25	WG1288333
4,4-DDE	U		0.00177	0.0229	1	06/03/2019 09:25	WG1288333
4,4-DDT	U		0.00229	0.0229	1	06/03/2019 09:25	WG1288333
Dieldrin	U		0.00174	0.0229	1	06/03/2019 09:25	WG1288333
Endosulfan I	U		0.00171	0.0229	1	06/03/2019 09:25	WG1288333
Endosulfan II	U		0.00184	0.0229	1	06/03/2019 09:25	WG1288333
Endosulfan sulfate	U		0.00173	0.0229	1	06/03/2019 09:25	WG1288333
Endrin	U		0.00180	0.0229	1	06/03/2019 09:25	WG1288333
Endrin aldehyde	U		0.00148	0.0229	1	06/03/2019 09:25	WG1288333
Endrin ketone	U		0.00189	0.0229	1	06/03/2019 09:25	WG1288333
Hexachlorobenzene	U		0.00142	0.0229	1	06/03/2019 09:25	WG1288333
Heptachlor	U		0.00177	0.0229	1	06/03/2019 09:25	WG1288333
Heptachlor epoxide	U		0.00185	0.0229	1	06/03/2019 09:25	WG1288333
Methoxychlor	U		0.00204	0.0229	1	06/03/2019 09:25	WG1288333
Toxaphene	U		0.0413	0.459	1	06/03/2019 09:25	WG1288333
(S) Decachlorobiphenyl	*91.5*			*10.0-135*		*06/03/2019 09:25*	WG1288333
(S) Tetrachloro-m-xylene	*74.0*			*10.0-139*		*06/03/2019 09:25*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00736	0.0382	1	05/30/2019 22:55	WG1288321
Acenaphthylene	U		0.00770	0.0382	1	05/30/2019 22:55	WG1288321
Anthracene	U		0.00725	0.0382	1	05/30/2019 22:55	WG1288321
Benzidine	U		0.0731	0.382	1	05/30/2019 22:55	WG1288321
Benzo(a)anthracene	U		0.00491	0.0382	1	05/30/2019 22:55	WG1288321
Benzo(b)fluoranthene	U		0.00797	0.0382	1	05/30/2019 22:55	WG1288321
Benzo(k)fluoranthene	U		0.00668	0.0382	1	05/30/2019 22:55	WG1288321
Benzo(g,h,i)perylene	U		0.00827	0.0382	1	05/30/2019 22:55	WG1288321
Benzo(a)pyrene	U		0.00629	0.0382	1	05/30/2019 22:55	WG1288321
Bis(2-chlorethoxy)methane	U		0.00883	0.382	1	05/30/2019 22:55	WG1288321
Bis(2-chloroethyl)ether	U		0.0103	0.382	1	05/30/2019 22:55	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00872	0.382	1	05/30/2019 22:55	WG1288321
4-Bromophenyl-phenylether	U		0.0131	0.382	1	05/30/2019 22:55	WG1288321
2-Chloronaphthalene	U		0.00733	0.0382	1	05/30/2019 22:55	WG1288321
4-Chlorophenyl-phenylether	U		0.00719	0.382	1	05/30/2019 22:55	WG1288321
Chrysene	U		0.00637	0.0382	1	05/30/2019 22:55	WG1288321
Dibenz(a,h)anthracene	U		0.00942	0.0382	1	05/30/2019 22:55	WG1288321
3,3-Dichlorobenzidine	U		0.0911	0.382	1	05/30/2019 22:55	WG1288321
2,4-Dinitrotoluene	U		0.00696	0.382	1	05/30/2019 22:55	WG1288321
2,6-Dinitrotoluene	U		0.00845	0.382	1	05/30/2019 22:55	WG1288321
Fluoranthene	U		0.00569	0.0382	1	05/30/2019 22:55	WG1288321
Fluorene	U		0.00782	0.0382	1	05/30/2019 22:55	WG1288321
Hexachlorobenzene	U		0.00982	0.382	1	05/30/2019 22:55	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0115	0.382	1	05/30/2019 22:55	WG1288321
Hexachlorocyclopentadiene	U		0.0673	0.382	1	05/30/2019 22:55	WG1288321
Hexachloroethane	U		0.0154	0.382	1	05/30/2019 22:55	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00886	0.0382	1	05/30/2019 22:55	WG1288321
Isophorone	U		0.00599	0.382	1	05/30/2019 22:55	WG1288321
Naphthalene	U		0.0102	0.0382	1	05/30/2019 22:55	WG1288321
Nitrobenzene	U		0.00797	0.382	1	05/30/2019 22:55	WG1288321
n-Nitrosodimethylamine	U		0.0742	0.382	1	05/30/2019 22:55	WG1288321
n-Nitrosodiphenylamine	U		0.103	0.382	1	05/30/2019 22:55	WG1288321
n-Nitrosodi-n-propylamine	U		0.0104	0.382	1	05/30/2019 22:55	WG1288321
Phenanthrene	U		0.00606	0.0382	1	05/30/2019 22:55	WG1288321
Benzylbutyl phthalate	U		0.0118	0.382	1	05/30/2019 22:55	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0138	0.382	1	05/30/2019 22:55	WG1288321
Di-n-butyl phthalate	U		0.0125	0.382	1	05/30/2019 22:55	WG1288321
Diethyl phthalate	U		0.00793	0.382	1	05/30/2019 22:55	WG1288321
Dimethyl phthalate	U		0.00619	0.382	1	05/30/2019 22:55	WG1288321
Di-n-octyl phthalate	U		0.0104	0.382	1	05/30/2019 22:55	WG1288321
Pyrene	U		0.0141	0.0382	1	05/30/2019 22:55	WG1288321
1,2,4-Trichlorobenzene	U		0.0100	0.382	1	05/30/2019 22:55	WG1288321
4-Chloro-3-methylphenol	U		0.00547	0.382	1	05/30/2019 22:55	WG1288321
2-Chlorophenol	U		0.00953	0.382	1	05/30/2019 22:55	WG1288321
2,4-Dichlorophenol	U		0.00856	0.382	1	05/30/2019 22:55	WG1288321
2,4-Dimethylphenol	U		0.0540	0.382	1	05/30/2019 22:55	WG1288321
4,6-Dinitro-2-methylphenol	U		0.142	0.382	1	05/30/2019 22:55	WG1288321
2,4-Dinitrophenol	U		0.112	0.382	1	05/30/2019 22:55	WG1288321
2-Nitrophenol	U		0.0149	0.382	1	05/30/2019 22:55	WG1288321
4-Nitrophenol	U		0.0602	0.382	1	05/30/2019 22:55	WG1288321
Pentachlorophenol	U		0.0551	0.382	1	05/30/2019 22:55	WG1288321
Phenol	U		0.00797	0.382	1	05/30/2019 22:55	WG1288321
2,4,6-Trichlorophenol	U		0.00894	0.382	1	05/30/2019 22:55	WG1288321
(S) 2-Fluorophenol	*81.0*			*12.0-120*		*05/30/2019 22:55*	WG1288321
(S) Phenol-d5	*72.7*			*10.0-120*		*05/30/2019 22:55*	WG1288321
(S) Nitrobenzene-d5	*59.8*			*10.0-122*		*05/30/2019 22:55*	WG1288321
(S) 2-Fluorobiphenyl	*69.0*			*15.0-120*		*05/30/2019 22:55*	WG1288321
(S) 2,4,6-Tribromophenol	*70.6*			*10.0-127*		*05/30/2019 22:55*	WG1288321
(S) p-Terphenyl-d14	*77.3*			*10.0-120*		*05/30/2019 22:55*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.2		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00157	0.0232	1	06/03/2019 09:38	WG1288333
Alpha BHC	U		0.00158	0.0232	1	06/03/2019 09:38	WG1288333
Beta BHC	U		0.00186	0.0232	1	06/03/2019 09:38	WG1288333
Delta BHC	U		0.00166	0.0232	1	06/03/2019 09:38	WG1288333
Gamma BHC	U		0.00168	0.0232	1	06/03/2019 09:38	WG1288333
Chlordane	U		0.0453	0.232	1	06/03/2019 09:38	WG1288333
4,4-DDD	U		0.00181	0.0232	1	06/03/2019 09:38	WG1288333
4,4-DDE	U		0.00179	0.0232	1	06/03/2019 09:38	WG1288333
4,4-DDT	U		0.00232	0.0232	1	06/03/2019 09:38	WG1288333
Dieldrin	U		0.00176	0.0232	1	06/03/2019 09:38	WG1288333
Endosulfan I	U		0.00173	0.0232	1	06/03/2019 09:38	WG1288333
Endosulfan II	U		0.00186	0.0232	1	06/03/2019 09:38	WG1288333
Endosulfan sulfate	U		0.00175	0.0232	1	06/03/2019 09:38	WG1288333
Endrin	U		0.00182	0.0232	1	06/03/2019 09:38	WG1288333
Endrin aldehyde	U		0.00150	0.0232	1	06/03/2019 09:38	WG1288333
Endrin ketone	U		0.00192	0.0232	1	06/03/2019 09:38	WG1288333
Hexachlorobenzene	U		0.00144	0.0232	1	06/03/2019 09:38	WG1288333
Heptachlor	U		0.00179	0.0232	1	06/03/2019 09:38	WG1288333
Heptachlor epoxide	U		0.00187	0.0232	1	06/03/2019 09:38	WG1288333
Methoxychlor	U		0.00207	0.0232	1	06/03/2019 09:38	WG1288333
Toxaphene	U		0.0418	0.464	1	06/03/2019 09:38	WG1288333
(S) Decachlorobiphenyl	*81.7*			*10.0-135*		*06/03/2019 09:38*	WG1288333
(S) Tetrachloro-m-xylene	*67.5*			*10.0-139*		*06/03/2019 09:38*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00745	0.0386	1	05/30/2019 19:43	WG1288321
Acenaphthylene	U		0.00779	0.0386	1	05/30/2019 19:43	WG1288321
Anthracene	U		0.00734	0.0386	1	05/30/2019 19:43	WG1288321
Benzidine	U		0.0739	0.386	1	05/30/2019 19:43	WG1288321
Benzo(a)anthracene	U		0.00497	0.0386	1	05/30/2019 19:43	WG1288321
Benzo(b)fluoranthene	U		0.00807	0.0386	1	05/30/2019 19:43	WG1288321
Benzo(k)fluoranthene	U		0.00675	0.0386	1	05/30/2019 19:43	WG1288321
Benzo(g,h,i)perylene	U		0.00837	0.0386	1	05/30/2019 19:43	WG1288321
Benzo(a)pyrene	U		0.00636	0.0386	1	05/30/2019 19:43	WG1288321
Bis(2-chlorethoxy)methane	U		0.00894	0.386	1	05/30/2019 19:43	WG1288321
Bis(2-chloroethyl)ether	U		0.0104	0.386	1	05/30/2019 19:43	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00882	0.386	1	05/30/2019 19:43	WG1288321
4-Bromophenyl-phenylether	U		0.0132	0.386	1	05/30/2019 19:43	WG1288321
2-Chloronaphthalene	U		0.00742	0.0386	1	05/30/2019 19:43	WG1288321
4-Chlorophenyl-phenylether	U		0.00728	0.386	1	05/30/2019 19:43	WG1288321
Chrysene	U		0.00644	0.0386	1	05/30/2019 19:43	WG1288321
Dibenz(a,h)anthracene	U		0.00953	0.0386	1	05/30/2019 19:43	WG1288321
3,3-Dichlorobenzidine	U		0.0922	0.386	1	05/30/2019 19:43	WG1288321
2,4-Dinitrotoluene	U		0.00705	0.386	1	05/30/2019 19:43	WG1288321
2,6-Dinitrotoluene	U		0.00855	0.386	1	05/30/2019 19:43	WG1288321
Fluoranthene	U		0.00576	0.0386	1	05/30/2019 19:43	WG1288321
Fluorene	U		0.00792	0.0386	1	05/30/2019 19:43	WG1288321
Hexachlorobenzene	U		0.00994	0.386	1	05/30/2019 19:43	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0116	0.386	1	05/30/2019 19:43	WG1288321
Hexachlorocyclopentadiene	U		0.0681	0.386	1	05/30/2019 19:43	WG1288321
Hexachloroethane	U		0.0156	0.386	1	05/30/2019 19:43	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00896	0.0386	1	05/30/2019 19:43	WG1288321
Isophorone	U		0.00606	0.386	1	05/30/2019 19:43	WG1288321
Naphthalene	U		0.0103	0.0386	1	05/30/2019 19:43	WG1288321
Nitrobenzene	U		0.00807	0.386	1	05/30/2019 19:43	WG1288321
n-Nitrosodimethylamine	U		0.0751	0.386	1	05/30/2019 19:43	WG1288321
n-Nitrosodiphenylamine	U		0.104	0.386	1	05/30/2019 19:43	WG1288321
n-Nitrosodi-n-propylamine	U		0.0105	0.386	1	05/30/2019 19:43	WG1288321
Phenanthrene	U		0.00613	0.0386	1	05/30/2019 19:43	WG1288321
Benzylbutyl phthalate	U		0.0120	0.386	1	05/30/2019 19:43	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0139	0.386	1	05/30/2019 19:43	WG1288321
Di-n-butyl phthalate	U		0.0127	0.386	1	05/30/2019 19:43	WG1288321
Diethyl phthalate	U		0.00802	0.386	1	05/30/2019 19:43	WG1288321
Dimethyl phthalate	U		0.00627	0.386	1	05/30/2019 19:43	WG1288321
Di-n-octyl phthalate	U		0.0105	0.386	1	05/30/2019 19:43	WG1288321
Pyrene	U		0.0143	0.0386	1	05/30/2019 19:43	WG1288321
1,2,4-Trichlorobenzene	U		0.0102	0.386	1	05/30/2019 19:43	WG1288321
4-Chloro-3-methylphenol	U		0.00554	0.386	1	05/30/2019 19:43	WG1288321
2-Chlorophenol	U		0.00964	0.386	1	05/30/2019 19:43	WG1288321
2,4-Dichlorophenol	U		0.00866	0.386	1	05/30/2019 19:43	WG1288321
2,4-Dimethylphenol	U		0.0547	0.386	1	05/30/2019 19:43	WG1288321
4,6-Dinitro-2-methylphenol	U		0.144	0.386	1	05/30/2019 19:43	WG1288321
2,4-Dinitrophenol	U		0.114	0.386	1	05/30/2019 19:43	WG1288321
2-Nitrophenol	U		0.0151	0.386	1	05/30/2019 19:43	WG1288321
4-Nitrophenol	U		0.0609	0.386	1	05/30/2019 19:43	WG1288321
Pentachlorophenol	U		0.0557	0.386	1	05/30/2019 19:43	WG1288321
Phenol	U		0.00807	0.386	1	05/30/2019 19:43	WG1288321
2,4,6-Trichlorophenol	U		0.00904	0.386	1	05/30/2019 19:43	WG1288321
(S) 2-Fluorophenol	*84.7*			*12.0-120*		*05/30/2019 19:43*	WG1288321
(S) Phenol-d5	*72.0*			*10.0-120*		*05/30/2019 19:43*	WG1288321
(S) Nitrobenzene-d5	*61.2*			*10.0-122*		*05/30/2019 19:43*	WG1288321
(S) 2-Fluorobiphenyl	*70.3*			*15.0-120*		*05/30/2019 19:43*	WG1288321
(S) 2,4,6-Tribromophenol	*72.3*			*10.0-127*		*05/30/2019 19:43*	WG1288321
(S) p-Terphenyl-d14	*79.5*			*10.0-120*		*05/30/2019 19:43*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.2		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00153	0.0227	1	06/03/2019 09:50	WG1288333
Alpha BHC	U		0.00154	0.0227	1	06/03/2019 09:50	WG1288333
Beta BHC	U		0.00181	0.0227	1	06/03/2019 09:50	WG1288333
Delta BHC	U		0.00162	0.0227	1	06/03/2019 09:50	WG1288333
Gamma BHC	U		0.00164	0.0227	1	06/03/2019 09:50	WG1288333
Chlordane	U		0.0442	0.227	1	06/03/2019 09:50	WG1288333
4,4-DDD	U		0.00177	0.0227	1	06/03/2019 09:50	WG1288333
4,4-DDE	U		0.00175	0.0227	1	06/03/2019 09:50	WG1288333
4,4-DDT	U		0.00227	0.0227	1	06/03/2019 09:50	WG1288333
Dieldrin	U		0.00172	0.0227	1	06/03/2019 09:50	WG1288333
Endosulfan I	U		0.00169	0.0227	1	06/03/2019 09:50	WG1288333
Endosulfan II	U		0.00181	0.0227	1	06/03/2019 09:50	WG1288333
Endosulfan sulfate	U		0.00171	0.0227	1	06/03/2019 09:50	WG1288333
Endrin	U		0.00178	0.0227	1	06/03/2019 09:50	WG1288333
Endrin aldehyde	U		0.00146	0.0227	1	06/03/2019 09:50	WG1288333
Endrin ketone	U		0.00187	0.0227	1	06/03/2019 09:50	WG1288333
Hexachlorobenzene	U		0.00141	0.0227	1	06/03/2019 09:50	WG1288333
Heptachlor	U		0.00175	0.0227	1	06/03/2019 09:50	WG1288333
Heptachlor epoxide	U		0.00183	0.0227	1	06/03/2019 09:50	WG1288333
Methoxychlor	U		0.00202	0.0227	1	06/03/2019 09:50	WG1288333
Toxaphene	U		0.0408	0.454	1	06/03/2019 09:50	WG1288333
(S) Decachlorobiphenyl	*77.0*			*10.0-135*		*06/03/2019 09:50*	WG1288333
(S) Tetrachloro-m-xylene	*70.1*			*10.0-139*		*06/03/2019 09:50*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00728	0.0378	1	05/30/2019 19:24	WG1288321
Acenaphthylene	U		0.00761	0.0378	1	05/30/2019 19:24	WG1288321
Anthracene	U		0.00717	0.0378	1	05/30/2019 19:24	WG1288321
Benzidine	U		0.0722	0.378	1	05/30/2019 19:24	WG1288321
Benzo(a)anthracene	U		0.00485	0.0378	1	05/30/2019 19:24	WG1288321
Benzo(b)fluoranthene	U		0.00788	0.0378	1	05/30/2019 19:24	WG1288321
Benzo(k)fluoranthene	U		0.00660	0.0378	1	05/30/2019 19:24	WG1288321
Benzo(g,h,i)perylene	U		0.00818	0.0378	1	05/30/2019 19:24	WG1288321
Benzo(a)pyrene	U		0.00622	0.0378	1	05/30/2019 19:24	WG1288321
Bis(2-chlorethoxy)methane	U		0.00873	0.378	1	05/30/2019 19:24	WG1288321
Bis(2-chloroethyl)ether	U		0.0102	0.378	1	05/30/2019 19:24	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00862	0.378	1	05/30/2019 19:24	WG1288321
4-Bromophenyl-phenylether	U		0.0129	0.378	1	05/30/2019 19:24	WG1288321
2-Chloronaphthalene	U		0.00725	0.0378	1	05/30/2019 19:24	WG1288321
4-Chlorophenyl-phenylether	U		0.00711	0.378	1	05/30/2019 19:24	WG1288321
Chrysene	U		0.00629	0.0378	1	05/30/2019 19:24	WG1288321
Dibenz(a,h)anthracene	U		0.00931	0.0378	1	05/30/2019 19:24	WG1288321
3,3-Dichlorobenzidine	U		0.0901	0.378	1	05/30/2019 19:24	WG1288321
2,4-Dinitrotoluene	U		0.00688	0.378	1	05/30/2019 19:24	WG1288321
2,6-Dinitrotoluene	U		0.00836	0.378	1	05/30/2019 19:24	WG1288321
Fluoranthene	U		0.00563	0.0378	1	05/30/2019 19:24	WG1288321
Fluorene	U		0.00774	0.0378	1	05/30/2019 19:24	WG1288321
Hexachlorobenzene	U		0.00971	0.378	1	05/30/2019 19:24	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0113	0.378	1	05/30/2019 19:24	WG1288321
Hexachlorocyclopentadiene	U		0.0666	0.378	1	05/30/2019 19:24	WG1288321
Hexachloroethane	U		0.0152	0.378	1	05/30/2019 19:24	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00876	0.0378	1	05/30/2019 19:24	WG1288321
Isophorone	U		0.00592	0.378	1	05/30/2019 19:24	WG1288321
Naphthalene	U		0.0101	0.0378	1	05/30/2019 19:24	WG1288321
Nitrobenzene	U		0.00788	0.378	1	05/30/2019 19:24	WG1288321
n-Nitrosodimethylamine	U		0.0734	0.378	1	05/30/2019 19:24	WG1288321
n-Nitrosodiphenylamine	U		0.102	0.378	1	05/30/2019 19:24	WG1288321
n-Nitrosodi-n-propylamine	U		0.0103	0.378	1	05/30/2019 19:24	WG1288321
Phenanthrene	U		0.00599	0.0378	1	05/30/2019 19:24	WG1288321
Benzylbutyl phthalate	U		0.0117	0.378	1	05/30/2019 19:24	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0136	0.378	1	05/30/2019 19:24	WG1288321
Di-n-butyl phthalate	U		0.0124	0.378	1	05/30/2019 19:24	WG1288321
Diethyl phthalate	U		0.00784	0.378	1	05/30/2019 19:24	WG1288321
Dimethyl phthalate	U		0.00612	0.378	1	05/30/2019 19:24	WG1288321
Di-n-octyl phthalate	U		0.0103	0.378	1	05/30/2019 19:24	WG1288321
Pyrene	U		0.0140	0.0378	1	05/30/2019 19:24	WG1288321
1,2,4-Trichlorobenzene	U		0.00994	0.378	1	05/30/2019 19:24	WG1288321
4-Chloro-3-methylphenol	U		0.00541	0.378	1	05/30/2019 19:24	WG1288321
2-Chlorophenol	U		0.00942	0.378	1	05/30/2019 19:24	WG1288321
2,4-Dichlorophenol	U		0.00846	0.378	1	05/30/2019 19:24	WG1288321
2,4-Dimethylphenol	U		0.0534	0.378	1	05/30/2019 19:24	WG1288321
4,6-Dinitro-2-methylphenol	U		0.141	0.378	1	05/30/2019 19:24	WG1288321
2,4-Dinitrophenol	U		0.111	0.378	1	05/30/2019 19:24	WG1288321
2-Nitrophenol	U		0.0147	0.378	1	05/30/2019 19:24	WG1288321
4-Nitrophenol	U		0.0595	0.378	1	05/30/2019 19:24	WG1288321
Pentachlorophenol	U		0.0544	0.378	1	05/30/2019 19:24	WG1288321
Phenol	U		0.00788	0.378	1	05/30/2019 19:24	WG1288321
2,4,6-Trichlorophenol	U		0.00884	0.378	1	05/30/2019 19:24	WG1288321
(S) 2-Fluorophenol	*79.3*			*12.0-120*		*05/30/2019 19:24*	WG1288321
(S) Phenol-d5	*69.5*			*10.0-120*		*05/30/2019 19:24*	WG1288321
(S) Nitrobenzene-d5	*59.8*			*10.0-122*		*05/30/2019 19:24*	WG1288321
(S) 2-Fluorobiphenyl	*66.8*			*15.0-120*		*05/30/2019 19:24*	WG1288321
(S) 2,4,6-Tribromophenol	*70.7*			*10.0-127*		*05/30/2019 19:24*	WG1288321
(S) p-Terphenyl-d14	*75.6*			*10.0-120*		*05/30/2019 19:24*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.0		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0235	1	06/03/2019 10:03	WG1288333
Alpha BHC	U		0.00160	0.0235	1	06/03/2019 10:03	WG1288333
Beta BHC	U		0.00188	0.0235	1	06/03/2019 10:03	WG1288333
Delta BHC	U		0.00168	0.0235	1	06/03/2019 10:03	WG1288333
Gamma BHC	U		0.00171	0.0235	1	06/03/2019 10:03	WG1288333
Chlordane	U		0.0459	0.235	1	06/03/2019 10:03	WG1288333
4,4-DDD	U		0.00184	0.0235	1	06/03/2019 10:03	WG1288333
4,4-DDE	U		0.00181	0.0235	1	06/03/2019 10:03	WG1288333
4,4-DDT	U		0.00235	0.0235	1	06/03/2019 10:03	WG1288333
Dieldrin	U		0.00179	0.0235	1	06/03/2019 10:03	WG1288333
Endosulfan I	U		0.00175	0.0235	1	06/03/2019 10:03	WG1288333
Endosulfan II	U		0.00188	0.0235	1	06/03/2019 10:03	WG1288333
Endosulfan sulfate	U		0.00178	0.0235	1	06/03/2019 10:03	WG1288333
Endrin	U		0.00185	0.0235	1	06/03/2019 10:03	WG1288333
Endrin aldehyde	U		0.00152	0.0235	1	06/03/2019 10:03	WG1288333
Endrin ketone	U		0.00194	0.0235	1	06/03/2019 10:03	WG1288333
Hexachlorobenzene	U		0.00146	0.0235	1	06/03/2019 10:03	WG1288333
Heptachlor	U		0.00181	0.0235	1	06/03/2019 10:03	WG1288333
Heptachlor epoxide	U		0.00190	0.0235	1	06/03/2019 10:03	WG1288333
Methoxychlor	U		0.00210	0.0235	1	06/03/2019 10:03	WG1288333
Toxaphene	U		0.0424	0.471	1	06/03/2019 10:03	WG1288333
(S) Decachlorobiphenyl	*73.5*			*10.0-135*		*06/03/2019 10:03*	WG1288333
(S) Tetrachloro-m-xylene	*58.4*			*10.0-139*		*06/03/2019 10:03*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00756	0.0392	1	05/30/2019 23:14	WG1288321
Acenaphthylene	U		0.00790	0.0392	1	05/30/2019 23:14	WG1288321
Anthracene	U		0.00744	0.0392	1	05/30/2019 23:14	WG1288321
Benzidine	U		0.0750	0.392	1	05/30/2019 23:14	WG1288321
Benzo(a)anthracene	U		0.00504	0.0392	1	05/30/2019 23:14	WG1288321
Benzo(b)fluoranthene	U		0.00818	0.0392	1	05/30/2019 23:14	WG1288321
Benzo(k)fluoranthene	U		0.00685	0.0392	1	05/30/2019 23:14	WG1288321
Benzo(g,h,i)perylene	U		0.00849	0.0392	1	05/30/2019 23:14	WG1288321
Benzo(a)pyrene	U		0.00645	0.0392	1	05/30/2019 23:14	WG1288321
Bis(2-chlorethoxy)methane	U		0.00906	0.392	1	05/30/2019 23:14	WG1288321
Bis(2-chloroethyl)ether	U		0.0105	0.392	1	05/30/2019 23:14	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00895	0.392	1	05/30/2019 23:14	WG1288321
4-Bromophenyl-phenylether	U		0.0134	0.392	1	05/30/2019 23:14	WG1288321
2-Chloronaphthalene	U		0.00752	0.0392	1	05/30/2019 23:14	WG1288321
4-Chlorophenyl-phenylether	U		0.00738	0.392	1	05/30/2019 23:14	WG1288321
Chrysene	U		0.00653	0.0392	1	05/30/2019 23:14	WG1288321
Dibenz(a,h)anthracene	U		0.00966	0.0392	1	05/30/2019 23:14	WG1288321
3,3-Dichlorobenzidine	U		0.0935	0.392	1	05/30/2019 23:14	WG1288321
2,4-Dinitrotoluene	U		0.00715	0.392	1	05/30/2019 23:14	WG1288321
2,6-Dinitrotoluene	U		0.00868	0.392	1	05/30/2019 23:14	WG1288321
Fluoranthene	U		0.00584	0.0392	1	05/30/2019 23:14	WG1288321
Fluorene	U		0.00803	0.0392	1	05/30/2019 23:14	WG1288321
Hexachlorobenzene	U		0.0101	0.392	1	05/30/2019 23:14	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.392	1	05/30/2019 23:14	WG1288321
Hexachlorocyclopentadiene	U		0.0691	0.392	1	05/30/2019 23:14	WG1288321
Hexachloroethane	U		0.0158	0.392	1	05/30/2019 23:14	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00909	0.0392	1	05/30/2019 23:14	WG1288321
Isophorone	U		0.00614	0.392	1	05/30/2019 23:14	WG1288321
Naphthalene	U		0.0105	0.0392	1	05/30/2019 23:14	WG1288321
Nitrobenzene	U		0.00818	0.392	1	05/30/2019 23:14	WG1288321
n-Nitrosodimethylamine	U		0.0762	0.392	1	05/30/2019 23:14	WG1288321
n-Nitrosodiphenylamine	U		0.106	0.392	1	05/30/2019 23:14	WG1288321
n-Nitrosodi-n-propylamine	U		0.0107	0.392	1	05/30/2019 23:14	WG1288321
Phenanthrene	U		0.00622	0.0392	1	05/30/2019 23:14	WG1288321
Benzylbutyl phthalate	U		0.0121	0.392	1	05/30/2019 23:14	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0141	0.392	1	05/30/2019 23:14	WG1288321
Di-n-butyl phthalate	U		0.0128	0.392	1	05/30/2019 23:14	WG1288321
Diethyl phthalate	U		0.00813	0.392	1	05/30/2019 23:14	WG1288321
Dimethyl phthalate	U		0.00636	0.392	1	05/30/2019 23:14	WG1288321
Di-n-octyl phthalate	U		0.0107	0.392	1	05/30/2019 23:14	WG1288321
Pyrene	U		0.0145	0.0392	1	05/30/2019 23:14	WG1288321
1,2,4-Trichlorobenzene	U		0.0103	0.392	1	05/30/2019 23:14	WG1288321
4-Chloro-3-methylphenol	U		0.00562	0.392	1	05/30/2019 23:14	WG1288321
2-Chlorophenol	U		0.00978	0.392	1	05/30/2019 23:14	WG1288321
2,4-Dichlorophenol	U		0.00878	0.392	1	05/30/2019 23:14	WG1288321
2,4-Dimethylphenol	U		0.0554	0.392	1	05/30/2019 23:14	WG1288321
4,6-Dinitro-2-methylphenol	U		0.146	0.392	1	05/30/2019 23:14	WG1288321
2,4-Dinitrophenol	U		0.115	0.392	1	05/30/2019 23:14	WG1288321
2-Nitrophenol	U		0.0153	0.392	1	05/30/2019 23:14	WG1288321
4-Nitrophenol	U		0.0618	0.392	1	05/30/2019 23:14	WG1288321
Pentachlorophenol	U		0.0565	0.392	1	05/30/2019 23:14	WG1288321
Phenol	U		0.00818	0.392	1	05/30/2019 23:14	WG1288321
2,4,6-Trichlorophenol	U		0.00917	0.392	1	05/30/2019 23:14	WG1288321
(S) 2-Fluorophenol	*71.1*			*12.0-120*		*05/30/2019 23:14*	WG1288321
(S) Phenol-d5	*62.7*			*10.0-120*		*05/30/2019 23:14*	WG1288321
(S) Nitrobenzene-d5	*53.5*			*10.0-122*		*05/30/2019 23:14*	WG1288321
(S) 2-Fluorobiphenyl	*59.1*			*15.0-120*		*05/30/2019 23:14*	WG1288321
(S) 2,4,6-Tribromophenol	*64.3*			*10.0-127*		*05/30/2019 23:14*	WG1288321
(S) p-Terphenyl-d14	*68.6*			*10.0-120*		*05/30/2019 23:14*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.5		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00168	0.0249	1	06/03/2019 10:15	WG1288333
Alpha BHC	U		0.00169	0.0249	1	06/03/2019 10:15	WG1288333
Beta BHC	U		0.00199	0.0249	1	06/03/2019 10:15	WG1288333
Delta BHC	U		0.00178	0.0249	1	06/03/2019 10:15	WG1288333
Gamma BHC	U		0.00180	0.0249	1	06/03/2019 10:15	WG1288333
Chlordane	U		0.0485	0.249	1	06/03/2019 10:15	WG1288333
4,4-DDD	U		0.00194	0.0249	1	06/03/2019 10:15	WG1288333
4,4-DDE	U		0.00191	0.0249	1	06/03/2019 10:15	WG1288333
4,4-DDT	U		0.00249	0.0249	1	06/03/2019 10:15	WG1288333
Dieldrin	U		0.00189	0.0249	1	06/03/2019 10:15	WG1288333
Endosulfan I	U		0.00185	0.0249	1	06/03/2019 10:15	WG1288333
Endosulfan II	U		0.00199	0.0249	1	06/03/2019 10:15	WG1288333
Endosulfan sulfate	U		0.00188	0.0249	1	06/03/2019 10:15	WG1288333
Endrin	U		0.00195	0.0249	1	06/03/2019 10:15	WG1288333
Endrin aldehyde	U		0.00160	0.0249	1	06/03/2019 10:15	WG1288333
Endrin ketone	U		0.00205	0.0249	1	06/03/2019 10:15	WG1288333
Hexachlorobenzene	U		0.00154	0.0249	1	06/03/2019 10:15	WG1288333
Heptachlor	U		0.00191	0.0249	1	06/03/2019 10:15	WG1288333
Heptachlor epoxide	U		0.00200	0.0249	1	06/03/2019 10:15	WG1288333
Methoxychlor	U		0.00221	0.0249	1	06/03/2019 10:15	WG1288333
Toxaphene	U		0.0447	0.497	1	06/03/2019 10:15	WG1288333
(S) Decachlorobiphenyl	*74.5*			*10.0-135*		*06/03/2019 10:15*	WG1288333
(S) Tetrachloro-m-xylene	*64.6*			*10.0-139*		*06/03/2019 10:15*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00798	0.0414	1	05/30/2019 20:41	WG1288321
Acenaphthylene	U		0.00834	0.0414	1	05/30/2019 20:41	WG1288321
Anthracene	U		0.00785	0.0414	1	05/30/2019 20:41	WG1288321
Benzidine	U		0.0792	0.414	1	05/30/2019 20:41	WG1288321
Benzo(a)anthracene	U		0.00532	0.0414	1	05/30/2019 20:41	WG1288321
Benzo(b)fluoranthene	U		0.00864	0.0414	1	05/30/2019 20:41	WG1288321
Benzo(k)fluoranthene	U		0.00723	0.0414	1	05/30/2019 20:41	WG1288321
Benzo(g,h,i)perylene	U		0.00896	0.0414	1	05/30/2019 20:41	WG1288321
Benzo(a)pyrene	U		0.00681	0.0414	1	05/30/2019 20:41	WG1288321
Bis(2-chlorethoxy)methane	U		0.00957	0.414	1	05/30/2019 20:41	WG1288321
Bis(2-chloroethyl)ether	U		0.0111	0.414	1	05/30/2019 20:41	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00945	0.414	1	05/30/2019 20:41	WG1288321
4-Bromophenyl-phenylether	U		0.0142	0.414	1	05/30/2019 20:41	WG1288321
2-Chloronaphthalene	U		0.00794	0.0414	1	05/30/2019 20:41	WG1288321
4-Chlorophenyl-phenylether	U		0.00779	0.414	1	05/30/2019 20:41	WG1288321
Chrysene	U		0.00690	0.0414	1	05/30/2019 20:41	WG1288321
Dibenz(a,h)anthracene	U		0.0102	0.0414	1	05/30/2019 20:41	WG1288321
3,3-Dichlorobenzidine	U		0.0987	0.414	1	05/30/2019 20:41	WG1288321
2,4-Dinitrotoluene	U		0.00754	0.414	1	05/30/2019 20:41	WG1288321
2,6-Dinitrotoluene	U		0.00916	0.414	1	05/30/2019 20:41	WG1288321
Fluoranthene	U		0.00616	0.0414	1	05/30/2019 20:41	WG1288321
Fluorene	U		0.00848	0.0414	1	05/30/2019 20:41	WG1288321
Hexachlorobenzene	U		0.0106	0.414	1	05/30/2019 20:41	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0124	0.414	1	05/30/2019 20:41	WG1288321
Hexachlorocyclopentadiene	U		0.0730	0.414	1	05/30/2019 20:41	WG1288321
Hexachloroethane	U		0.0167	0.414	1	05/30/2019 20:41	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00959	0.0414	1	05/30/2019 20:41	WG1288321
Isophorone	U		0.00649	0.414	1	05/30/2019 20:41	WG1288321
Naphthalene	U		0.0110	0.0414	1	05/30/2019 20:41	WG1288321
Nitrobenzene	U		0.00864	0.414	1	05/30/2019 20:41	WG1288321
n-Nitrosodimethylamine	U		0.0804	0.414	1	05/30/2019 20:41	WG1288321
n-Nitrosodiphenylamine	U		0.112	0.414	1	05/30/2019 20:41	WG1288321
n-Nitrosodi-n-propylamine	U		0.0113	0.414	1	05/30/2019 20:41	WG1288321
Phenanthrene	U		0.00656	0.0414	1	05/30/2019 20:41	WG1288321
Benzylbutyl phthalate	U		0.0128	0.414	1	05/30/2019 20:41	WG1288321
Bis(2-ethylhexyl)phthalate	0.0198	J	0.0149	0.414	1	05/30/2019 20:41	WG1288321
Di-n-butyl phthalate	U		0.0135	0.414	1	05/30/2019 20:41	WG1288321
Diethyl phthalate	U		0.00859	0.414	1	05/30/2019 20:41	WG1288321
Dimethyl phthalate	U		0.00671	0.414	1	05/30/2019 20:41	WG1288321
Di-n-octyl phthalate	U		0.0113	0.414	1	05/30/2019 20:41	WG1288321
Pyrene	U		0.0153	0.0414	1	05/30/2019 20:41	WG1288321
1,2,4-Trichlorobenzene	U		0.0109	0.414	1	05/30/2019 20:41	WG1288321
4-Chloro-3-methylphenol	U		0.00593	0.414	1	05/30/2019 20:41	WG1288321
2-Chlorophenol	U		0.0103	0.414	1	05/30/2019 20:41	WG1288321
2,4-Dichlorophenol	U		0.00927	0.414	1	05/30/2019 20:41	WG1288321
2,4-Dimethylphenol	U		0.0585	0.414	1	05/30/2019 20:41	WG1288321
4,6-Dinitro-2-methylphenol	U		0.154	0.414	1	05/30/2019 20:41	WG1288321
2,4-Dinitrophenol	U		0.122	0.414	1	05/30/2019 20:41	WG1288321
2-Nitrophenol	U		0.0162	0.414	1	05/30/2019 20:41	WG1288321
4-Nitrophenol	U		0.0652	0.414	1	05/30/2019 20:41	WG1288321
Pentachlorophenol	U		0.0597	0.414	1	05/30/2019 20:41	WG1288321
Phenol	U		0.00864	0.414	1	05/30/2019 20:41	WG1288321
2,4,6-Trichlorophenol	U		0.00968	0.414	1	05/30/2019 20:41	WG1288321
(S) 2-Fluorophenol	*80.8*			*12.0-120*		*05/30/2019 20:41*	WG1288321
(S) Phenol-d5	*69.2*			*10.0-120*		*05/30/2019 20:41*	WG1288321
(S) Nitrobenzene-d5	*58.2*			*10.0-122*		*05/30/2019 20:41*	WG1288321
(S) 2-Fluorobiphenyl	*67.3*			*15.0-120*		*05/30/2019 20:41*	WG1288321
(S) 2,4,6-Tribromophenol	*64.5*			*10.0-127*		*05/30/2019 20:41*	WG1288321
(S) p-Terphenyl-d14	*73.0*			*10.0-120*		*05/30/2019 20:41*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.6		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00160	0.0236	1	06/03/2019 10:28	WG1288333
Alpha BHC	U		0.00161	0.0236	1	06/03/2019 10:28	WG1288333
Beta BHC	U		0.00189	0.0236	1	06/03/2019 10:28	WG1288333
Delta BHC	U		0.00169	0.0236	1	06/03/2019 10:28	WG1288333
Gamma BHC	U		0.00171	0.0236	1	06/03/2019 10:28	WG1288333
Chlordane	U		0.0461	0.236	1	06/03/2019 10:28	WG1288333
4,4-DDD	U		0.00184	0.0236	1	06/03/2019 10:28	WG1288333
4,4-DDE	U		0.00182	0.0236	1	06/03/2019 10:28	WG1288333
4,4-DDT	U		0.00236	0.0236	1	06/03/2019 10:28	WG1288333
Dieldrin	U		0.00180	0.0236	1	06/03/2019 10:28	WG1288333
Endosulfan I	U		0.00176	0.0236	1	06/03/2019 10:28	WG1288333
Endosulfan II	U		0.00189	0.0236	1	06/03/2019 10:28	WG1288333
Endosulfan sulfate	U		0.00178	0.0236	1	06/03/2019 10:28	WG1288333
Endrin	U		0.00186	0.0236	1	06/03/2019 10:28	WG1288333
Endrin aldehyde	U		0.00152	0.0236	1	06/03/2019 10:28	WG1288333
Endrin ketone	U		0.00195	0.0236	1	06/03/2019 10:28	WG1288333
Hexachlorobenzene	U		0.00147	0.0236	1	06/03/2019 10:28	WG1288333
Heptachlor	U		0.00182	0.0236	1	06/03/2019 10:28	WG1288333
Heptachlor epoxide	U		0.00190	0.0236	1	06/03/2019 10:28	WG1288333
Methoxychlor	U		0.00210	0.0236	1	06/03/2019 10:28	WG1288333
Toxaphene	U		0.0425	0.473	1	06/03/2019 10:28	WG1288333
(S) Decachlorobiphenyl	*77.4*			*10.0-135*		*06/03/2019 10:28*	WG1288333
(S) Tetrachloro-m-xylene	*63.7*			*10.0-139*		*06/03/2019 10:28*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00759	0.0394	1	05/30/2019 20:21	WG1288321
Acenaphthylene	U		0.00793	0.0394	1	05/30/2019 20:21	WG1288321
Anthracene	U		0.00747	0.0394	1	05/30/2019 20:21	WG1288321
Benzidine	U		0.0753	0.394	1	05/30/2019 20:21	WG1288321
Benzo(a)anthracene	U		0.00506	0.0394	1	05/30/2019 20:21	WG1288321
Benzo(b)fluoranthene	U		0.00821	0.0394	1	05/30/2019 20:21	WG1288321
Benzo(k)fluoranthene	U		0.00688	0.0394	1	05/30/2019 20:21	WG1288321
Benzo(g,h,i)perylene	U		0.00852	0.0394	1	05/30/2019 20:21	WG1288321
Benzo(a)pyrene	U		0.00648	0.0394	1	05/30/2019 20:21	WG1288321
Bis(2-chlorethoxy)methane	U		0.00910	0.394	1	05/30/2019 20:21	WG1288321
Bis(2-chloroethyl)ether	U		0.0106	0.394	1	05/30/2019 20:21	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00898	0.394	1	05/30/2019 20:21	WG1288321
4-Bromophenyl-phenylether	U		0.0135	0.394	1	05/30/2019 20:21	WG1288321
2-Chloronaphthalene	U		0.00755	0.0394	1	05/30/2019 20:21	WG1288321
4-Chlorophenyl-phenylether	U		0.00741	0.394	1	05/30/2019 20:21	WG1288321
Chrysene	U		0.00656	0.0394	1	05/30/2019 20:21	WG1288321
Dibenz(a,h)anthracene	U		0.00970	0.0394	1	05/30/2019 20:21	WG1288321
3,3-Dichlorobenzidine	U		0.0938	0.394	1	05/30/2019 20:21	WG1288321
2,4-Dinitrotoluene	U		0.00717	0.394	1	05/30/2019 20:21	WG1288321
2,6-Dinitrotoluene	U		0.00871	0.394	1	05/30/2019 20:21	WG1288321
Fluoranthene	U		0.00586	0.0394	1	05/30/2019 20:21	WG1288321
Fluorene	U		0.00806	0.0394	1	05/30/2019 20:21	WG1288321
Hexachlorobenzene	U		0.0101	0.394	1	05/30/2019 20:21	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.394	1	05/30/2019 20:21	WG1288321
Hexachlorocyclopentadiene	U		0.0694	0.394	1	05/30/2019 20:21	WG1288321
Hexachloroethane	U		0.0158	0.394	1	05/30/2019 20:21	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00912	0.0394	1	05/30/2019 20:21	WG1288321
Isophorone	U		0.00617	0.394	1	05/30/2019 20:21	WG1288321
Naphthalene	U		0.0105	0.0394	1	05/30/2019 20:21	WG1288321
Nitrobenzene	U		0.00821	0.394	1	05/30/2019 20:21	WG1288321
n-Nitrosodimethylamine	U		0.0765	0.394	1	05/30/2019 20:21	WG1288321
n-Nitrosodiphenylamine	U		0.106	0.394	1	05/30/2019 20:21	WG1288321
n-Nitrosodi-n-propylamine	U		0.0107	0.394	1	05/30/2019 20:21	WG1288321
Phenanthrene	U		0.00624	0.0394	1	05/30/2019 20:21	WG1288321
Benzylbutyl phthalate	U		0.0122	0.394	1	05/30/2019 20:21	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0142	0.394	1	05/30/2019 20:21	WG1288321
Di-n-butyl phthalate	U		0.0129	0.394	1	05/30/2019 20:21	WG1288321
Diethyl phthalate	U		0.00817	0.394	1	05/30/2019 20:21	WG1288321
Dimethyl phthalate	U		0.00638	0.394	1	05/30/2019 20:21	WG1288321
Di-n-octyl phthalate	U		0.0107	0.394	1	05/30/2019 20:21	WG1288321
Pyrene	U		0.0145	0.0394	1	05/30/2019 20:21	WG1288321
1,2,4-Trichlorobenzene	U		0.0104	0.394	1	05/30/2019 20:21	WG1288321
4-Chloro-3-methylphenol	U		0.00564	0.394	1	05/30/2019 20:21	WG1288321
2-Chlorophenol	U		0.00982	0.394	1	05/30/2019 20:21	WG1288321
2,4-Dichlorophenol	U		0.00882	0.394	1	05/30/2019 20:21	WG1288321
2,4-Dimethylphenol	U		0.0557	0.394	1	05/30/2019 20:21	WG1288321
4,6-Dinitro-2-methylphenol	U		0.147	0.394	1	05/30/2019 20:21	WG1288321
2,4-Dinitrophenol	U		0.116	0.394	1	05/30/2019 20:21	WG1288321
2-Nitrophenol	U		0.0154	0.394	1	05/30/2019 20:21	WG1288321
4-Nitrophenol	U		0.0620	0.394	1	05/30/2019 20:21	WG1288321
Pentachlorophenol	U		0.0567	0.394	1	05/30/2019 20:21	WG1288321
Phenol	U		0.00821	0.394	1	05/30/2019 20:21	WG1288321
2,4,6-Trichlorophenol	U		0.00921	0.394	1	05/30/2019 20:21	WG1288321
(S) 2-Fluorophenol	*80.9*			*12.0-120*		*05/30/2019 20:21*	WG1288321
(S) Phenol-d5	*69.2*			*10.0-120*		*05/30/2019 20:21*	WG1288321
(S) Nitrobenzene-d5	*59.1*			*10.0-122*		*05/30/2019 20:21*	WG1288321
(S) 2-Fluorobiphenyl	*68.2*			*15.0-120*		*05/30/2019 20:21*	WG1288321
(S) 2,4,6-Tribromophenol	*69.1*			*10.0-127*		*05/30/2019 20:21*	WG1288321
(S) p-Terphenyl-d14	*76.1*			*10.0-120*		*05/30/2019 20:21*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.3		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00160	0.0237	1	06/03/2019 10:40	WG1288333
Alpha BHC	U		0.00161	0.0237	1	06/03/2019 10:40	WG1288333
Beta BHC	U		0.00190	0.0237	1	06/03/2019 10:40	WG1288333
Delta BHC	U		0.00170	0.0237	1	06/03/2019 10:40	WG1288333
Gamma BHC	U		0.00172	0.0237	1	06/03/2019 10:40	WG1288333
Chlordane	U		0.0463	0.237	1	06/03/2019 10:40	WG1288333
4,4-DDD	U		0.00185	0.0237	1	06/03/2019 10:40	WG1288333
4,4-DDE	U		0.00183	0.0237	1	06/03/2019 10:40	WG1288333
4,4-DDT	U		0.00237	0.0237	1	06/03/2019 10:40	WG1288333
Dieldrin	U		0.00180	0.0237	1	06/03/2019 10:40	WG1288333
Endosulfan I	U		0.00177	0.0237	1	06/03/2019 10:40	WG1288333
Endosulfan II	U		0.00190	0.0237	1	06/03/2019 10:40	WG1288333
Endosulfan sulfate	U		0.00179	0.0237	1	06/03/2019 10:40	WG1288333
Endrin	U		0.00186	0.0237	1	06/03/2019 10:40	WG1288333
Endrin aldehyde	U		0.00153	0.0237	1	06/03/2019 10:40	WG1288333
Endrin ketone	U		0.00196	0.0237	1	06/03/2019 10:40	WG1288333
Hexachlorobenzene	U		0.00147	0.0237	1	06/03/2019 10:40	WG1288333
Heptachlor	U		0.00183	0.0237	1	06/03/2019 10:40	WG1288333
Heptachlor epoxide	U		0.00191	0.0237	1	06/03/2019 10:40	WG1288333
Methoxychlor	U		0.00211	0.0237	1	06/03/2019 10:40	WG1288333
Toxaphene	U		0.0427	0.475	1	06/03/2019 10:40	WG1288333
(S) Decachlorobiphenyl	*72.3*			*10.0-135*		*06/03/2019 10:40*	WG1288333
(S) Tetrachloro-m-xylene	*62.2*			*10.0-139*		*06/03/2019 10:40*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00762	0.0395	1	05/30/2019 23:33	WG1288321
Acenaphthylene	U		0.00796	0.0395	1	05/30/2019 23:33	WG1288321
Anthracene	U		0.00750	0.0395	1	05/30/2019 23:33	WG1288321
Benzidine	U		0.0756	0.395	1	05/30/2019 23:33	WG1288321
Benzo(a)anthracene	0.0128	J	0.00508	0.0395	1	05/30/2019 23:33	WG1288321
Benzo(b)fluoranthene	0.0176	J	0.00825	0.0395	1	05/30/2019 23:33	WG1288321
Benzo(k)fluoranthene	U		0.00691	0.0395	1	05/30/2019 23:33	WG1288321
Benzo(g,h,i)perylene	0.00904	J	0.00856	0.0395	1	05/30/2019 23:33	WG1288321
Benzo(a)pyrene	0.0123	J	0.00650	0.0395	1	05/30/2019 23:33	WG1288321
Bis(2-chlorethoxy)methane	U		0.00914	0.395	1	05/30/2019 23:33	WG1288321
Bis(2-chloroethyl)ether	U		0.0106	0.395	1	05/30/2019 23:33	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00902	0.395	1	05/30/2019 23:33	WG1288321
4-Bromophenyl-phenylether	U		0.0135	0.395	1	05/30/2019 23:33	WG1288321
2-Chloronaphthalene	U		0.00758	0.0395	1	05/30/2019 23:33	WG1288321
4-Chlorophenyl-phenylether	U		0.00744	0.395	1	05/30/2019 23:33	WG1288321
Chrysene	0.0140	J	0.00659	0.0395	1	05/30/2019 23:33	WG1288321
Dibenz(a,h)anthracene	U		0.00974	0.0395	1	05/30/2019 23:33	WG1288321
3,3-Dichlorobenzidine	U		0.0942	0.395	1	05/30/2019 23:33	WG1288321
2,4-Dinitrotoluene	U		0.00720	0.395	1	05/30/2019 23:33	WG1288321
2,6-Dinitrotoluene	U		0.00875	0.395	1	05/30/2019 23:33	WG1288321
Fluoranthene	0.0296	J	0.00589	0.0395	1	05/30/2019 23:33	WG1288321
Fluorene	U		0.00809	0.0395	1	05/30/2019 23:33	WG1288321
Hexachlorobenzene	U		0.0102	0.395	1	05/30/2019 23:33	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.395	1	05/30/2019 23:33	WG1288321
Hexachlorocyclopentadiene	U		0.0697	0.395	1	05/30/2019 23:33	WG1288321
Hexachloroethane	U		0.0159	0.395	1	05/30/2019 23:33	WG1288321
Indeno(1,2,3-cd)pyrene	0.0107	J	0.00916	0.0395	1	05/30/2019 23:33	WG1288321
Isophorone	U		0.00620	0.395	1	05/30/2019 23:33	WG1288321
Naphthalene	U		0.0106	0.0395	1	05/30/2019 23:33	WG1288321
Nitrobenzene	U		0.00825	0.395	1	05/30/2019 23:33	WG1288321
n-Nitrosodimethylamine	U		0.0768	0.395	1	05/30/2019 23:33	WG1288321
n-Nitrosodiphenylamine	U		0.107	0.395	1	05/30/2019 23:33	WG1288321
n-Nitrosodi-n-propylamine	U		0.0108	0.395	1	05/30/2019 23:33	WG1288321
Phenanthrene	0.0217	J	0.00627	0.0395	1	05/30/2019 23:33	WG1288321
Benzylbutyl phthalate	U		0.0122	0.395	1	05/30/2019 23:33	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0142	0.395	1	05/30/2019 23:33	WG1288321
Di-n-butyl phthalate	U		0.0129	0.395	1	05/30/2019 23:33	WG1288321
Diethyl phthalate	U		0.00820	0.395	1	05/30/2019 23:33	WG1288321
Dimethyl phthalate	U		0.00641	0.395	1	05/30/2019 23:33	WG1288321
Di-n-octyl phthalate	U		0.0108	0.395	1	05/30/2019 23:33	WG1288321
Pyrene	0.0262	J	0.0146	0.0395	1	05/30/2019 23:33	WG1288321
1,2,4-Trichlorobenzene	U		0.0104	0.395	1	05/30/2019 23:33	WG1288321
4-Chloro-3-methylphenol	U		0.00566	0.395	1	05/30/2019 23:33	WG1288321
2-Chlorophenol	U		0.00986	0.395	1	05/30/2019 23:33	WG1288321
2,4-Dichlorophenol	U		0.00885	0.395	1	05/30/2019 23:33	WG1288321
2,4-Dimethylphenol	U		0.0559	0.395	1	05/30/2019 23:33	WG1288321
4,6-Dinitro-2-methylphenol	U		0.147	0.395	1	05/30/2019 23:33	WG1288321
2,4-Dinitrophenol	U		0.116	0.395	1	05/30/2019 23:33	WG1288321
2-Nitrophenol	U		0.0154	0.395	1	05/30/2019 23:33	WG1288321
4-Nitrophenol	U		0.0623	0.395	1	05/30/2019 23:33	WG1288321
Pentachlorophenol	U		0.0570	0.395	1	05/30/2019 23:33	WG1288321
Phenol	U		0.00825	0.395	1	05/30/2019 23:33	WG1288321
2,4,6-Trichlorophenol	U		0.00925	0.395	1	05/30/2019 23:33	WG1288321
(S) 2-Fluorophenol	*80.3*			*12.0-120*		*05/30/2019 23:33*	WG1288321
(S) Phenol-d5	*69.3*			*10.0-120*		*05/30/2019 23:33*	WG1288321
(S) Nitrobenzene-d5	*58.6*			*10.0-122*		*05/30/2019 23:33*	WG1288321
(S) 2-Fluorobiphenyl	*66.8*			*15.0-120*		*05/30/2019 23:33*	WG1288321
(S) 2,4,6-Tribromophenol	*68.7*			*10.0-127*		*05/30/2019 23:33*	WG1288321
(S) p-Terphenyl-d14	*75.2*			*10.0-120*		*05/30/2019 23:33*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.2		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00166	0.0246	1	06/03/2019 10:52	WG1288333
Alpha BHC	U		0.00168	0.0246	1	06/03/2019 10:52	WG1288333
Beta BHC	U		0.00197	0.0246	1	06/03/2019 10:52	WG1288333
Delta BHC	U		0.00176	0.0246	1	06/03/2019 10:52	WG1288333
Gamma BHC	U		0.00179	0.0246	1	06/03/2019 10:52	WG1288333
Chlordane	U		0.0480	0.246	1	06/03/2019 10:52	WG1288333
4,4-DDD	U		0.00192	0.0246	1	06/03/2019 10:52	WG1288333
4,4-DDE	U		0.00190	0.0246	1	06/03/2019 10:52	WG1288333
4,4-DDT	U		0.00246	0.0246	1	06/03/2019 10:52	WG1288333
Dieldrin	U		0.00187	0.0246	1	06/03/2019 10:52	WG1288333
Endosulfan I	U		0.00184	0.0246	1	06/03/2019 10:52	WG1288333
Endosulfan II	U		0.00197	0.0246	1	06/03/2019 10:52	WG1288333
Endosulfan sulfate	U		0.00186	0.0246	1	06/03/2019 10:52	WG1288333
Endrin	U		0.00193	0.0246	1	06/03/2019 10:52	WG1288333
Endrin aldehyde	U		0.00159	0.0246	1	06/03/2019 10:52	WG1288333
Endrin ketone	U		0.00203	0.0246	1	06/03/2019 10:52	WG1288333
Hexachlorobenzene	U		0.00153	0.0246	1	06/03/2019 10:52	WG1288333
Heptachlor	U		0.00190	0.0246	1	06/03/2019 10:52	WG1288333
Heptachlor epoxide	U		0.00198	0.0246	1	06/03/2019 10:52	WG1288333
Methoxychlor	U		0.00219	0.0246	1	06/03/2019 10:52	WG1288333
Toxaphene	U		0.0444	0.493	1	06/03/2019 10:52	WG1288333
(S) Decachlorobiphenyl	*85.3*			*10.0-135*		*06/03/2019 10:52*	WG1288333
(S) Tetrachloro-m-xylene	*68.6*			*10.0-139*		*06/03/2019 10:52*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00791	0.0410	1	05/30/2019 21:19	WG1288321
Acenaphthylene	U		0.00827	0.0410	1	05/30/2019 21:19	WG1288321
Anthracene	U		0.00779	0.0410	1	05/30/2019 21:19	WG1288321
Benzidine	U		0.0785	0.410	1	05/30/2019 21:19	WG1288321
Benzo(a)anthracene	U		0.00527	0.0410	1	05/30/2019 21:19	WG1288321
Benzo(b)fluoranthene	U		0.00856	0.0410	1	05/30/2019 21:19	WG1288321
Benzo(k)fluoranthene	U		0.00717	0.0410	1	05/30/2019 21:19	WG1288321
Benzo(g,h,i)perylene	U		0.00888	0.0410	1	05/30/2019 21:19	WG1288321
Benzo(a)pyrene	U		0.00675	0.0410	1	05/30/2019 21:19	WG1288321
Bis(2-chlorethoxy)methane	U		0.00949	0.410	1	05/30/2019 21:19	WG1288321
Bis(2-chloroethyl)ether	U		0.0110	0.410	1	05/30/2019 21:19	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00936	0.410	1	05/30/2019 21:19	WG1288321
4-Bromophenyl-phenylether	U		0.0140	0.410	1	05/30/2019 21:19	WG1288321
2-Chloronaphthalene	U		0.00787	0.0410	1	05/30/2019 21:19	WG1288321
4-Chlorophenyl-phenylether	U		0.00772	0.410	1	05/30/2019 21:19	WG1288321
Chrysene	U		0.00684	0.0410	1	05/30/2019 21:19	WG1288321
Dibenz(a,h)anthracene	U		0.0101	0.0410	1	05/30/2019 21:19	WG1288321
3,3-Dichlorobenzidine	U		0.0978	0.410	1	05/30/2019 21:19	WG1288321
2,4-Dinitrotoluene	U		0.00748	0.410	1	05/30/2019 21:19	WG1288321
2,6-Dinitrotoluene	U		0.00908	0.410	1	05/30/2019 21:19	WG1288321
Fluoranthene	U		0.00611	0.0410	1	05/30/2019 21:19	WG1288321
Fluorene	U		0.00840	0.0410	1	05/30/2019 21:19	WG1288321
Hexachlorobenzene	U		0.0105	0.410	1	05/30/2019 21:19	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0123	0.410	1	05/30/2019 21:19	WG1288321
Hexachlorocyclopentadiene	U		0.0723	0.410	1	05/30/2019 21:19	WG1288321
Hexachloroethane	U		0.0165	0.410	1	05/30/2019 21:19	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00951	0.0410	1	05/30/2019 21:19	WG1288321
Isophorone	U		0.00643	0.410	1	05/30/2019 21:19	WG1288321
Naphthalene	U		0.0110	0.0410	1	05/30/2019 21:19	WG1288321
Nitrobenzene	U		0.00856	0.410	1	05/30/2019 21:19	WG1288321
n-Nitrosodimethylamine	U		0.0797	0.410	1	05/30/2019 21:19	WG1288321
n-Nitrosodiphenylamine	U		0.111	0.410	1	05/30/2019 21:19	WG1288321
n-Nitrosodi-n-propylamine	U		0.0112	0.410	1	05/30/2019 21:19	WG1288321
Phenanthrene	U		0.00651	0.0410	1	05/30/2019 21:19	WG1288321
Benzylbutyl phthalate	U		0.0127	0.410	1	05/30/2019 21:19	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0148	0.410	1	05/30/2019 21:19	WG1288321
Di-n-butyl phthalate	U		0.0134	0.410	1	05/30/2019 21:19	WG1288321
Diethyl phthalate	U		0.00851	0.410	1	05/30/2019 21:19	WG1288321
Dimethyl phthalate	U		0.00665	0.410	1	05/30/2019 21:19	WG1288321
Di-n-octyl phthalate	U		0.0112	0.410	1	05/30/2019 21:19	WG1288321
Pyrene	U		0.0152	0.0410	1	05/30/2019 21:19	WG1288321
1,2,4-Trichlorobenzene	U		0.0108	0.410	1	05/30/2019 21:19	WG1288321
4-Chloro-3-methylphenol	U		0.00588	0.410	1	05/30/2019 21:19	WG1288321
2-Chlorophenol	U		0.0102	0.410	1	05/30/2019 21:19	WG1288321
2,4-Dichlorophenol	U		0.00919	0.410	1	05/30/2019 21:19	WG1288321
2,4-Dimethylphenol	U		0.0580	0.410	1	05/30/2019 21:19	WG1288321
4,6-Dinitro-2-methylphenol	U		0.153	0.410	1	05/30/2019 21:19	WG1288321
2,4-Dinitrophenol	U		0.121	0.410	1	05/30/2019 21:19	WG1288321
2-Nitrophenol	U		0.0160	0.410	1	05/30/2019 21:19	WG1288321
4-Nitrophenol	U		0.0647	0.410	1	05/30/2019 21:19	WG1288321
Pentachlorophenol	U		0.0591	0.410	1	05/30/2019 21:19	WG1288321
Phenol	U		0.00856	0.410	1	05/30/2019 21:19	WG1288321
2,4,6-Trichlorophenol	U		0.00960	0.410	1	05/30/2019 21:19	WG1288321
(S) 2-Fluorophenol	*75.5*			*12.0-120*		*05/30/2019 21:19*	WG1288321
(S) Phenol-d5	*64.4*			*10.0-120*		*05/30/2019 21:19*	WG1288321
(S) Nitrobenzene-d5	*55.0*			*10.0-122*		*05/30/2019 21:19*	WG1288321
(S) 2-Fluorobiphenyl	*64.4*			*15.0-120*		*05/30/2019 21:19*	WG1288321
(S) 2,4,6-Tribromophenol	*63.1*			*10.0-127*		*05/30/2019 21:19*	WG1288321
(S) p-Terphenyl-d14	*71.4*			*10.0-120*		*05/30/2019 21:19*	WG1288321

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.9		1	05/30/2019 15:47	WG1288609

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0236	1	06/03/2019 11:05	WG1288333
Alpha BHC	U		0.00160	0.0236	1	06/03/2019 11:05	WG1288333
Beta BHC	U		0.00188	0.0236	1	06/03/2019 11:05	WG1288333
Delta BHC	U		0.00168	0.0236	1	06/03/2019 11:05	WG1288333
Gamma BHC	U		0.00171	0.0236	1	06/03/2019 11:05	WG1288333
Chlordane	U		0.0459	0.236	1	06/03/2019 11:05	WG1288333
4,4-DDD	U		0.00184	0.0236	1	06/03/2019 11:05	WG1288333
4,4-DDE	U		0.00181	0.0236	1	06/03/2019 11:05	WG1288333
4,4-DDT	U		0.00236	0.0236	1	06/03/2019 11:05	WG1288333
Dieldrin	U		0.00179	0.0236	1	06/03/2019 11:05	WG1288333
Endosulfan I	U		0.00176	0.0236	1	06/03/2019 11:05	WG1288333
Endosulfan II	U		0.00188	0.0236	1	06/03/2019 11:05	WG1288333
Endosulfan sulfate	U		0.00178	0.0236	1	06/03/2019 11:05	WG1288333
Endrin	U		0.00185	0.0236	1	06/03/2019 11:05	WG1288333
Endrin aldehyde	U		0.00152	0.0236	1	06/03/2019 11:05	WG1288333
Endrin ketone	U		0.00194	0.0236	1	06/03/2019 11:05	WG1288333
Hexachlorobenzene	U		0.00146	0.0236	1	06/03/2019 11:05	WG1288333
Heptachlor	U		0.00181	0.0236	1	06/03/2019 11:05	WG1288333
Heptachlor epoxide	U		0.00190	0.0236	1	06/03/2019 11:05	WG1288333
Methoxychlor	U		0.00210	0.0236	1	06/03/2019 11:05	WG1288333
Toxaphene	U		0.0424	0.471	1	06/03/2019 11:05	WG1288333
(S) Decachlorobiphenyl	*66.9*			*10.0-135*		*06/03/2019 11:05*	WG1288333
(S) Tetrachloro-m-xylene	*60.7*			*10.0-139*		*06/03/2019 11:05*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00756	0.0392	1	05/30/2019 21:38	WG1288321
Acenaphthylene	U		0.00791	0.0392	1	05/30/2019 21:38	WG1288321
Anthracene	U		0.00745	0.0392	1	05/30/2019 21:38	WG1288321
Benzidine	U		0.0750	0.392	1	05/30/2019 21:38	WG1288321
Benzo(a)anthracene	U		0.00504	0.0392	1	05/30/2019 21:38	WG1288321
Benzo(b)fluoranthene	U		0.00819	0.0392	1	05/30/2019 21:38	WG1288321
Benzo(k)fluoranthene	U		0.00686	0.0392	1	05/30/2019 21:38	WG1288321
Benzo(g,h,i)perylene	U		0.00849	0.0392	1	05/30/2019 21:38	WG1288321
Benzo(a)pyrene	U		0.00646	0.0392	1	05/30/2019 21:38	WG1288321
Bis(2-chlorethoxy)methane	U		0.00907	0.392	1	05/30/2019 21:38	WG1288321
Bis(2-chloroethyl)ether	U		0.0106	0.392	1	05/30/2019 21:38	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00895	0.392	1	05/30/2019 21:38	WG1288321
4-Bromophenyl-phenylether	U		0.0134	0.392	1	05/30/2019 21:38	WG1288321
2-Chloronaphthalene	U		0.00753	0.0392	1	05/30/2019 21:38	WG1288321
4-Chlorophenyl-phenylether	U		0.00739	0.392	1	05/30/2019 21:38	WG1288321
Chrysene	U		0.00654	0.0392	1	05/30/2019 21:38	WG1288321
Dibenz(a,h)anthracene	U		0.00967	0.0392	1	05/30/2019 21:38	WG1288321
3,3-Dichlorobenzidine	U		0.0935	0.392	1	05/30/2019 21:38	WG1288321
2,4-Dinitrotoluene	U		0.00715	0.392	1	05/30/2019 21:38	WG1288321
2,6-Dinitrotoluene	U		0.00868	0.392	1	05/30/2019 21:38	WG1288321
Fluoranthene	U		0.00584	0.0392	1	05/30/2019 21:38	WG1288321
Fluorene	U		0.00803	0.0392	1	05/30/2019 21:38	WG1288321
Hexachlorobenzene	U		0.0101	0.392	1	05/30/2019 21:38	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.392	1	05/30/2019 21:38	WG1288321
Hexachlorocyclopentadiene	U		0.0692	0.392	1	05/30/2019 21:38	WG1288321
Hexachloroethane	U		0.0158	0.392	1	05/30/2019 21:38	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00910	0.0392	1	05/30/2019 21:38	WG1288321
Isophorone	U		0.00615	0.392	1	05/30/2019 21:38	WG1288321
Naphthalene	U		0.0105	0.0392	1	05/30/2019 21:38	WG1288321
Nitrobenzene	U		0.00819	0.392	1	05/30/2019 21:38	WG1288321
n-Nitrosodimethylamine	U		0.0762	0.392	1	05/30/2019 21:38	WG1288321
n-Nitrosodiphenylamine	U		0.106	0.392	1	05/30/2019 21:38	WG1288321
n-Nitrosodi-n-propylamine	U		0.0107	0.392	1	05/30/2019 21:38	WG1288321
Phenanthrene	U		0.00622	0.0392	1	05/30/2019 21:38	WG1288321
Benzylbutyl phthalate	U		0.0121	0.392	1	05/30/2019 21:38	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0141	0.392	1	05/30/2019 21:38	WG1288321
Di-n-butyl phthalate	U		0.0128	0.392	1	05/30/2019 21:38	WG1288321
Diethyl phthalate	U		0.00814	0.392	1	05/30/2019 21:38	WG1288321
Dimethyl phthalate	U		0.00636	0.392	1	05/30/2019 21:38	WG1288321
Di-n-octyl phthalate	U		0.0107	0.392	1	05/30/2019 21:38	WG1288321
Pyrene	U		0.0145	0.0392	1	05/30/2019 21:38	WG1288321
1,2,4-Trichlorobenzene	U		0.0103	0.392	1	05/30/2019 21:38	WG1288321
4-Chloro-3-methylphenol	U		0.00562	0.392	1	05/30/2019 21:38	WG1288321
2-Chlorophenol	U		0.00979	0.392	1	05/30/2019 21:38	WG1288321
2,4-Dichlorophenol	U		0.00879	0.392	1	05/30/2019 21:38	WG1288321
2,4-Dimethylphenol	U		0.0555	0.392	1	05/30/2019 21:38	WG1288321
4,6-Dinitro-2-methylphenol	U		0.146	0.392	1	05/30/2019 21:38	WG1288321
2,4-Dinitrophenol	U		0.115	0.392	1	05/30/2019 21:38	WG1288321
2-Nitrophenol	U		0.0153	0.392	1	05/30/2019 21:38	WG1288321
4-Nitrophenol	U		0.0619	0.392	1	05/30/2019 21:38	WG1288321
Pentachlorophenol	U		0.0565	0.392	1	05/30/2019 21:38	WG1288321
Phenol	U		0.00819	0.392	1	05/30/2019 21:38	WG1288321
2,4,6-Trichlorophenol	U		0.00918	0.392	1	05/30/2019 21:38	WG1288321
(S) 2-Fluorophenol	*83.2*			*12.0-120*		*05/30/2019 21:38*	WG1288321
(S) Phenol-d5	*73.6*			*10.0-120*		*05/30/2019 21:38*	WG1288321
(S) Nitrobenzene-d5	*60.9*			*10.0-122*		*05/30/2019 21:38*	WG1288321
(S) 2-Fluorobiphenyl	*69.9*			*15.0-120*		*05/30/2019 21:38*	WG1288321
(S) 2,4,6-Tribromophenol	*71.9*			*10.0-127*		*05/30/2019 21:38*	WG1288321
(S) p-Terphenyl-d14	*77.3*			*10.0-120*		*05/30/2019 21:38*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.2		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00164	0.0243	1	06/03/2019 11:17	WG1288333
Alpha BHC	U		0.00165	0.0243	1	06/03/2019 11:17	WG1288333
Beta BHC	U		0.00195	0.0243	1	06/03/2019 11:17	WG1288333
Delta BHC	U		0.00174	0.0243	1	06/03/2019 11:17	WG1288333
Gamma BHC	U		0.00176	0.0243	1	06/03/2019 11:17	WG1288333
Chlordane	U		0.0474	0.243	1	06/03/2019 11:17	WG1288333
4,4-DDD	U		0.00190	0.0243	1	06/03/2019 11:17	WG1288333
4,4-DDE	U		0.00187	0.0243	1	06/03/2019 11:17	WG1288333
4,4-DDT	U		0.00243	0.0243	1	06/03/2019 11:17	WG1288333
Dieldrin	U		0.00185	0.0243	1	06/03/2019 11:17	WG1288333
Endosulfan I	U		0.00181	0.0243	1	06/03/2019 11:17	WG1288333
Endosulfan II	U		0.00195	0.0243	1	06/03/2019 11:17	WG1288333
Endosulfan sulfate	U		0.00184	0.0243	1	06/03/2019 11:17	WG1288333
Endrin	U		0.00191	0.0243	1	06/03/2019 11:17	WG1288333
Endrin aldehyde	U		0.00157	0.0243	1	06/03/2019 11:17	WG1288333
Endrin ketone	U		0.00201	0.0243	1	06/03/2019 11:17	WG1288333
Hexachlorobenzene	U		0.00151	0.0243	1	06/03/2019 11:17	WG1288333
Heptachlor	U		0.00187	0.0243	1	06/03/2019 11:17	WG1288333
Heptachlor epoxide	U		0.00196	0.0243	1	06/03/2019 11:17	WG1288333
Methoxychlor	U		0.00216	0.0243	1	06/03/2019 11:17	WG1288333
Toxaphene	U		0.0438	0.486	1	06/03/2019 11:17	WG1288333
(S) Decachlorobiphenyl	*76.0*			*10.0-135*		*06/03/2019 11:17*	WG1288333
(S) Tetrachloro-m-xylene	*59.4*			*10.0-139*		*06/03/2019 11:17*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.0781	0.405	10	05/30/2019 23:52	WG1288321
Acenaphthylene	U		0.0816	0.405	10	05/30/2019 23:52	WG1288321
Anthracene	U		0.0768	0.405	10	05/30/2019 23:52	WG1288321
Benzidine	U	J6	0.775	4.05	10	05/30/2019 23:52	WG1288321
Benzo(a)anthracene	U		0.0520	0.405	10	05/30/2019 23:52	WG1288321
Benzo(b)fluoranthene	U		0.0845	0.405	10	05/30/2019 23:52	WG1288321
Benzo(k)fluoranthene	U		0.0708	0.405	10	05/30/2019 23:52	WG1288321
Benzo(g,h,i)perylene	U		0.0877	0.405	10	05/30/2019 23:52	WG1288321
Benzo(a)pyrene	U		0.0666	0.405	10	05/30/2019 23:52	WG1288321
Bis(2-chlorethoxy)methane	U		0.0936	4.05	10	05/30/2019 23:52	WG1288321
Bis(2-chloroethyl)ether	U		0.109	4.05	10	05/30/2019 23:52	WG1288321
Bis(2-chloroisopropyl)ether	U		0.0924	4.05	10	05/30/2019 23:52	WG1288321
4-Bromophenyl-phenylether	U		0.139	4.05	10	05/30/2019 23:52	WG1288321
2-Chloronaphthalene	U		0.0777	0.405	10	05/30/2019 23:52	WG1288321
4-Chlorophenyl-phenylether	U		0.0762	4.05	10	05/30/2019 23:52	WG1288321
Chrysene	U		0.0675	0.405	10	05/30/2019 23:52	WG1288321
Dibenz(a,h)anthracene	U		0.0998	0.405	10	05/30/2019 23:52	WG1288321
3,3-Dichlorobenzidine	U		0.965	4.05	10	05/30/2019 23:52	WG1288321
2,4-Dinitrotoluene	U		0.0738	4.05	10	05/30/2019 23:52	WG1288321
2,6-Dinitrotoluene	U		0.0896	4.05	10	05/30/2019 23:52	WG1288321
Fluoranthene	U		0.0603	0.405	10	05/30/2019 23:52	WG1288321
Fluorene	U		0.0829	0.405	10	05/30/2019 23:52	WG1288321
Hexachlorobenzene	U		0.104	4.05	10	05/30/2019 23:52	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.122	4.05	10	05/30/2019 23:52	WG1288321
Hexachlorocyclopentadiene	U	J6	0.714	4.05	10	05/30/2019 23:52	WG1288321
Hexachloroethane	U		0.163	4.05	10	05/30/2019 23:52	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.0939	0.405	10	05/30/2019 23:52	WG1288321
Isophorone	U		0.0635	4.05	10	05/30/2019 23:52	WG1288321
Naphthalene	U		0.108	0.405	10	05/30/2019 23:52	WG1288321
Nitrobenzene	U		0.0845	4.05	10	05/30/2019 23:52	WG1288321
n-Nitrosodimethylamine	U	J6	0.787	4.05	10	05/30/2019 23:52	WG1288321
n-Nitrosodiphenylamine	U	J6	1.09	4.05	10	05/30/2019 23:52	WG1288321
n-Nitrosodi-n-propylamine	U		0.110	4.05	10	05/30/2019 23:52	WG1288321
Phenanthrene	U		0.0642	0.405	10	05/30/2019 23:52	WG1288321
Benzylbutyl phthalate	U		0.125	4.05	10	05/30/2019 23:52	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.146	4.05	10	05/30/2019 23:52	WG1288321
Di-n-butyl phthalate	U		0.133	4.05	10	05/30/2019 23:52	WG1288321
Diethyl phthalate	U		0.0840	4.05	10	05/30/2019 23:52	WG1288321
Dimethyl phthalate	U		0.0657	4.05	10	05/30/2019 23:52	WG1288321
Di-n-octyl phthalate	U		0.110	4.05	10	05/30/2019 23:52	WG1288321
Pyrene	U		0.150	0.405	10	05/30/2019 23:52	WG1288321
1,2,4-Trichlorobenzene	U		0.107	4.05	10	05/30/2019 23:52	WG1288321
4-Chloro-3-methylphenol	U		0.0580	4.05	10	05/30/2019 23:52	WG1288321
2-Chlorophenol	U		0.101	4.05	10	05/30/2019 23:52	WG1288321
2,4-Dichlorophenol	U		0.0907	4.05	10	05/30/2019 23:52	WG1288321
2,4-Dimethylphenol	U	J3 J6	0.573	4.05	10	05/30/2019 23:52	WG1288321
4,6-Dinitro-2-methylphenol	U	J6	1.51	4.05	10	05/30/2019 23:52	WG1288321
2,4-Dinitrophenol	U	J5	1.19	4.05	10	05/30/2019 23:52	WG1288321
2-Nitrophenol	U		0.158	4.05	10	05/30/2019 23:52	WG1288321
4-Nitrophenol	U	J6	0.638	4.05	10	05/30/2019 23:52	WG1288321
Pentachlorophenol	U		0.584	4.05	10	05/30/2019 23:52	WG1288321
Phenol	U		0.0845	4.05	10	05/30/2019 23:52	WG1288321
2,4,6-Trichlorophenol	U		0.0947	4.05	10	05/30/2019 23:52	WG1288321
(S) 2-Fluorophenol	*91.0*			*12.0-120*		*05/30/2019 23:52*	WG1288321
(S) Phenol-d5	*75.0*			*10.0-120*		*05/30/2019 23:52*	WG1288321
(S) Nitrobenzene-d5	*64.8*			*10.0-122*		*05/30/2019 23:52*	WG1288321
(S) 2-Fluorobiphenyl	*72.2*			*15.0-120*		*05/30/2019 23:52*	WG1288321
(S) 2,4,6-Tribromophenol	*68.4*			*10.0-127*		*05/30/2019 23:52*	WG1288321
(S) p-Terphenyl-d14	*77.5*			*10.0-120*		*05/30/2019 23:52*	WG1288321

Sample Narrative:

L1102115-32 WG1288321: Dilution due to matrix impact during extract concentration procedure

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.4		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00164	0.0243	1	06/03/2019 11:54	WG1288333
Alpha BHC	U		0.00165	0.0243	1	06/03/2019 11:54	WG1288333
Beta BHC	U		0.00194	0.0243	1	06/03/2019 11:54	WG1288333
Delta BHC	U		0.00174	0.0243	1	06/03/2019 11:54	WG1288333
Gamma BHC	U		0.00176	0.0243	1	06/03/2019 11:54	WG1288333
Chlordane	U		0.0473	0.243	1	06/03/2019 11:54	WG1288333
4,4-DDD	U		0.00189	0.0243	1	06/03/2019 11:54	WG1288333
4,4-DDE	U		0.00187	0.0243	1	06/03/2019 11:54	WG1288333
4,4-DDT	U		0.00243	0.0243	1	06/03/2019 11:54	WG1288333
Dieldrin	U		0.00184	0.0243	1	06/03/2019 11:54	WG1288333
Endosulfan I	U		0.00181	0.0243	1	06/03/2019 11:54	WG1288333
Endosulfan II	U		0.00194	0.0243	1	06/03/2019 11:54	WG1288333
Endosulfan sulfate	U		0.00183	0.0243	1	06/03/2019 11:54	WG1288333
Endrin	U		0.00190	0.0243	1	06/03/2019 11:54	WG1288333
Endrin aldehyde	U		0.00157	0.0243	1	06/03/2019 11:54	WG1288333
Endrin ketone	U		0.00200	0.0243	1	06/03/2019 11:54	WG1288333
Hexachlorobenzene	U		0.00150	0.0243	1	06/03/2019 11:54	WG1288333
Heptachlor	U		0.00187	0.0243	1	06/03/2019 11:54	WG1288333
Heptachlor epoxide	U		0.00195	0.0243	1	06/03/2019 11:54	WG1288333
Methoxychlor	U		0.00216	0.0243	1	06/03/2019 11:54	WG1288333
Toxaphene	U		0.0437	0.485	1	06/03/2019 11:54	WG1288333
(S) Decachlorobiphenyl	*69.4*			*10.0-135*		*06/03/2019 11:54*	WG1288333
(S) Tetrachloro-m-xylene	*59.1*			*10.0-139*		*06/03/2019 11:54*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00779	0.0404	1	05/30/2019 21:57	WG1288321
Acenaphthylene	U		0.00814	0.0404	1	05/30/2019 21:57	WG1288321
Anthracene	U		0.00767	0.0404	1	05/30/2019 21:57	WG1288321
Benzidine	U		0.0773	0.404	1	05/30/2019 21:57	WG1288321
Benzo(a)anthracene	U		0.00519	0.0404	1	05/30/2019 21:57	WG1288321
Benzo(b)fluoranthene	U		0.00843	0.0404	1	05/30/2019 21:57	WG1288321
Benzo(k)fluoranthene	U		0.00706	0.0404	1	05/30/2019 21:57	WG1288321
Benzo(g,h,i)perylene	U		0.00875	0.0404	1	05/30/2019 21:57	WG1288321
Benzo(a)pyrene	U		0.00665	0.0404	1	05/30/2019 21:57	WG1288321
Bis(2-chlorethoxy)methane	U		0.00934	0.404	1	05/30/2019 21:57	WG1288321
Bis(2-chloroethyl)ether	U		0.0109	0.404	1	05/30/2019 21:57	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00922	0.404	1	05/30/2019 21:57	WG1288321
4-Bromophenyl-phenylether	U		0.0138	0.404	1	05/30/2019 21:57	WG1288321
2-Chloronaphthalene	U		0.00775	0.0404	1	05/30/2019 21:57	WG1288321
4-Chlorophenyl-phenylether	U		0.00761	0.404	1	05/30/2019 21:57	WG1288321
Chrysene	U		0.00673	0.0404	1	05/30/2019 21:57	WG1288321
Dibenz(a,h)anthracene	U		0.00996	0.0404	1	05/30/2019 21:57	WG1288321
3,3-Dichlorobenzidine	U		0.0963	0.404	1	05/30/2019 21:57	WG1288321
2,4-Dinitrotoluene	U		0.00736	0.404	1	05/30/2019 21:57	WG1288321
2,6-Dinitrotoluene	U		0.00894	0.404	1	05/30/2019 21:57	WG1288321
Fluoranthene	U		0.00602	0.0404	1	05/30/2019 21:57	WG1288321
Fluorene	U		0.00827	0.0404	1	05/30/2019 21:57	WG1288321
Hexachlorobenzene	U		0.0104	0.404	1	05/30/2019 21:57	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0121	0.404	1	05/30/2019 21:57	WG1288321
Hexachlorocyclopentadiene	U		0.0712	0.404	1	05/30/2019 21:57	WG1288321
Hexachloroethane	U		0.0163	0.404	1	05/30/2019 21:57	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00937	0.0404	1	05/30/2019 21:57	WG1288321
Isophorone	U		0.00633	0.404	1	05/30/2019 21:57	WG1288321
Naphthalene	U		0.0108	0.0404	1	05/30/2019 21:57	WG1288321
Nitrobenzene	U		0.00843	0.404	1	05/30/2019 21:57	WG1288321
n-Nitrosodimethylamine	U		0.0785	0.404	1	05/30/2019 21:57	WG1288321
n-Nitrosodiphenylamine	U		0.109	0.404	1	05/30/2019 21:57	WG1288321
n-Nitrosodi-n-propylamine	U		0.0110	0.404	1	05/30/2019 21:57	WG1288321
Phenanthrene	U		0.00641	0.0404	1	05/30/2019 21:57	WG1288321
Benzylbutyl phthalate	U		0.0125	0.404	1	05/30/2019 21:57	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0146	0.404	1	05/30/2019 21:57	WG1288321
Di-n-butyl phthalate	U		0.0132	0.404	1	05/30/2019 21:57	WG1288321
Diethyl phthalate	U		0.00838	0.404	1	05/30/2019 21:57	WG1288321
Dimethyl phthalate	U		0.00655	0.404	1	05/30/2019 21:57	WG1288321
Di-n-octyl phthalate	U		0.0110	0.404	1	05/30/2019 21:57	WG1288321
Pyrene	U		0.0149	0.0404	1	05/30/2019 21:57	WG1288321
1,2,4-Trichlorobenzene	U		0.0106	0.404	1	05/30/2019 21:57	WG1288321
4-Chloro-3-methylphenol	U		0.00579	0.404	1	05/30/2019 21:57	WG1288321
2-Chlorophenol	U		0.0101	0.404	1	05/30/2019 21:57	WG1288321
2,4-Dichlorophenol	U		0.00905	0.404	1	05/30/2019 21:57	WG1288321
2,4-Dimethylphenol	U		0.0571	0.404	1	05/30/2019 21:57	WG1288321
4,6-Dinitro-2-methylphenol	U		0.150	0.404	1	05/30/2019 21:57	WG1288321
2,4-Dinitrophenol	U		0.119	0.404	1	05/30/2019 21:57	WG1288321
2-Nitrophenol	U		0.0158	0.404	1	05/30/2019 21:57	WG1288321
4-Nitrophenol	U		0.0637	0.404	1	05/30/2019 21:57	WG1288321
Pentachlorophenol	U		0.0582	0.404	1	05/30/2019 21:57	WG1288321
Phenol	U		0.00843	0.404	1	05/30/2019 21:57	WG1288321
2,4,6-Trichlorophenol	U		0.00945	0.404	1	05/30/2019 21:57	WG1288321
(S) 2-Fluorophenol	*78.1*			*12.0-120*		*05/30/2019 21:57*	WG1288321
(S) Phenol-d5	*67.4*			*10.0-120*		*05/30/2019 21:57*	WG1288321
(S) Nitrobenzene-d5	*55.9*			*10.0-122*		*05/30/2019 21:57*	WG1288321
(S) 2-Fluorobiphenyl	*65.2*			*15.0-120*		*05/30/2019 21:57*	WG1288321
(S) 2,4,6-Tribromophenol	*66.9*			*10.0-127*		*05/30/2019 21:57*	WG1288321
(S) p-Terphenyl-d14	*73.8*			*10.0-120*		*05/30/2019 21:57*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.5		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00160	0.0237	1	06/03/2019 12:07	WG1288333
Alpha BHC	U		0.00161	0.0237	1	06/03/2019 12:07	WG1288333
Beta BHC	U		0.00189	0.0237	1	06/03/2019 12:07	WG1288333
Delta BHC	U		0.00169	0.0237	1	06/03/2019 12:07	WG1288333
Gamma BHC	U		0.00172	0.0237	1	06/03/2019 12:07	WG1288333
Chlordane	U		0.0462	0.237	1	06/03/2019 12:07	WG1288333
4,4-DDD	U		0.00185	0.0237	1	06/03/2019 12:07	WG1288333
4,4-DDE	U		0.00182	0.0237	1	06/03/2019 12:07	WG1288333
4,4-DDT	U		0.00237	0.0237	1	06/03/2019 12:07	WG1288333
Dieldrin	U		0.00180	0.0237	1	06/03/2019 12:07	WG1288333
Endosulfan I	U		0.00176	0.0237	1	06/03/2019 12:07	WG1288333
Endosulfan II	U		0.00189	0.0237	1	06/03/2019 12:07	WG1288333
Endosulfan sulfate	U		0.00179	0.0237	1	06/03/2019 12:07	WG1288333
Endrin	U		0.00186	0.0237	1	06/03/2019 12:07	WG1288333
Endrin aldehyde	U		0.00153	0.0237	1	06/03/2019 12:07	WG1288333
Endrin ketone	U		0.00195	0.0237	1	06/03/2019 12:07	WG1288333
Hexachlorobenzene	U		0.00147	0.0237	1	06/03/2019 12:07	WG1288333
Heptachlor	U		0.00182	0.0237	1	06/03/2019 12:07	WG1288333
Heptachlor epoxide	U		0.00191	0.0237	1	06/03/2019 12:07	WG1288333
Methoxychlor	U		0.00211	0.0237	1	06/03/2019 12:07	WG1288333
Toxaphene	U		0.0426	0.474	1	06/03/2019 12:07	WG1288333
(S) Decachlorobiphenyl	*64.3*			*10.0-135*		*06/03/2019 12:07*	WG1288333
(S) Tetrachloro-m-xylene	*56.6*			*10.0-139*		*06/03/2019 12:07*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00760	0.0394	1	05/30/2019 19:05	WG1288321
Acenaphthylene	U		0.00794	0.0394	1	05/30/2019 19:05	WG1288321
Anthracene	U		0.00748	0.0394	1	05/30/2019 19:05	WG1288321
Benzidine	U		0.0754	0.394	1	05/30/2019 19:05	WG1288321
Benzo(a)anthracene	U		0.00507	0.0394	1	05/30/2019 19:05	WG1288321
Benzo(b)fluoranthene	U		0.00823	0.0394	1	05/30/2019 19:05	WG1288321
Benzo(k)fluoranthene	U		0.00689	0.0394	1	05/30/2019 19:05	WG1288321
Benzo(g,h,i)perylene	U		0.00854	0.0394	1	05/30/2019 19:05	WG1288321
Benzo(a)pyrene	U		0.00649	0.0394	1	05/30/2019 19:05	WG1288321
Bis(2-chlorethoxy)methane	U		0.00912	0.394	1	05/30/2019 19:05	WG1288321
Bis(2-chloroethyl)ether	U		0.0106	0.394	1	05/30/2019 19:05	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00900	0.394	1	05/30/2019 19:05	WG1288321
4-Bromophenyl-phenylether	U		0.0135	0.394	1	05/30/2019 19:05	WG1288321
2-Chloronaphthalene	U		0.00756	0.0394	1	05/30/2019 19:05	WG1288321
4-Chlorophenyl-phenylether	U		0.00742	0.394	1	05/30/2019 19:05	WG1288321
Chrysene	U		0.00657	0.0394	1	05/30/2019 19:05	WG1288321
Dibenz(a,h)anthracene	U		0.00972	0.0394	1	05/30/2019 19:05	WG1288321
3,3-Dichlorobenzidine	U		0.0940	0.394	1	05/30/2019 19:05	WG1288321
2,4-Dinitrotoluene	U		0.00719	0.394	1	05/30/2019 19:05	WG1288321
2,6-Dinitrotoluene	U		0.00872	0.394	1	05/30/2019 19:05	WG1288321
Fluoranthene	U		0.00587	0.0394	1	05/30/2019 19:05	WG1288321
Fluorene	U		0.00807	0.0394	1	05/30/2019 19:05	WG1288321
Hexachlorobenzene	U		0.0101	0.394	1	05/30/2019 19:05	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.394	1	05/30/2019 19:05	WG1288321
Hexachlorocyclopentadiene	U		0.0695	0.394	1	05/30/2019 19:05	WG1288321
Hexachloroethane	U		0.0159	0.394	1	05/30/2019 19:05	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00914	0.0394	1	05/30/2019 19:05	WG1288321
Isophorone	U		0.00618	0.394	1	05/30/2019 19:05	WG1288321
Naphthalene	U		0.0105	0.0394	1	05/30/2019 19:05	WG1288321
Nitrobenzene	U		0.00823	0.394	1	05/30/2019 19:05	WG1288321
n-Nitrosodimethylamine	U		0.0766	0.394	1	05/30/2019 19:05	WG1288321
n-Nitrosodiphenylamine	U		0.107	0.394	1	05/30/2019 19:05	WG1288321
n-Nitrosodi-n-propylamine	U		0.0107	0.394	1	05/30/2019 19:05	WG1288321
Phenanthrene	U		0.00625	0.0394	1	05/30/2019 19:05	WG1288321
Benzylbutyl phthalate	U		0.0122	0.394	1	05/30/2019 19:05	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0142	0.394	1	05/30/2019 19:05	WG1288321
Di-n-butyl phthalate	U		0.0129	0.394	1	05/30/2019 19:05	WG1288321
Diethyl phthalate	U		0.00818	0.394	1	05/30/2019 19:05	WG1288321
Dimethyl phthalate	U		0.00639	0.394	1	05/30/2019 19:05	WG1288321
Di-n-octyl phthalate	U		0.0107	0.394	1	05/30/2019 19:05	WG1288321
Pyrene	U		0.0146	0.0394	1	05/30/2019 19:05	WG1288321
1,2,4-Trichlorobenzene	U		0.0104	0.394	1	05/30/2019 19:05	WG1288321
4-Chloro-3-methylphenol	U		0.00565	0.394	1	05/30/2019 19:05	WG1288321
2-Chlorophenol	U		0.00984	0.394	1	05/30/2019 19:05	WG1288321
2,4-Dichlorophenol	U		0.00883	0.394	1	05/30/2019 19:05	WG1288321
2,4-Dimethylphenol	U		0.0558	0.394	1	05/30/2019 19:05	WG1288321
4,6-Dinitro-2-methylphenol	U		0.147	0.394	1	05/30/2019 19:05	WG1288321
2,4-Dinitrophenol	U		0.116	0.394	1	05/30/2019 19:05	WG1288321
2-Nitrophenol	U		0.0154	0.394	1	05/30/2019 19:05	WG1288321
4-Nitrophenol	U		0.0621	0.394	1	05/30/2019 19:05	WG1288321
Pentachlorophenol	U		0.0568	0.394	1	05/30/2019 19:05	WG1288321
Phenol	U		0.00823	0.394	1	05/30/2019 19:05	WG1288321
2,4,6-Trichlorophenol	U		0.00922	0.394	1	05/30/2019 19:05	WG1288321
(S) 2-Fluorophenol	*79.5*			*12.0-120*		*05/30/2019 19:05*	WG1288321
(S) Phenol-d5	*67.5*			*10.0-120*		*05/30/2019 19:05*	WG1288321
(S) Nitrobenzene-d5	*58.7*			*10.0-122*		*05/30/2019 19:05*	WG1288321
(S) 2-Fluorobiphenyl	*65.8*			*15.0-120*		*05/30/2019 19:05*	WG1288321
(S) 2,4,6-Tribromophenol	*67.9*			*10.0-127*		*05/30/2019 19:05*	WG1288321
(S) p-Terphenyl-d14	*75.2*			*10.0-120*		*05/30/2019 19:05*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.5		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00166	0.0245	1	06/03/2019 12:19	WG1288333
Alpha BHC	U		0.00167	0.0245	1	06/03/2019 12:19	WG1288333
Beta BHC	U		0.00196	0.0245	1	06/03/2019 12:19	WG1288333
Delta BHC	U		0.00176	0.0245	1	06/03/2019 12:19	WG1288333
Gamma BHC	U		0.00178	0.0245	1	06/03/2019 12:19	WG1288333
Chlordane	U		0.0479	0.245	1	06/03/2019 12:19	WG1288333
4,4-DDD	U		0.00191	0.0245	1	06/03/2019 12:19	WG1288333
4,4-DDE	U		0.00189	0.0245	1	06/03/2019 12:19	WG1288333
4,4-DDT	U		0.00245	0.0245	1	06/03/2019 12:19	WG1288333
Dieldrin	U		0.00187	0.0245	1	06/03/2019 12:19	WG1288333
Endosulfan I	U		0.00183	0.0245	1	06/03/2019 12:19	WG1288333
Endosulfan II	U		0.00196	0.0245	1	06/03/2019 12:19	WG1288333
Endosulfan sulfate	U		0.00185	0.0245	1	06/03/2019 12:19	WG1288333
Endrin	U		0.00193	0.0245	1	06/03/2019 12:19	WG1288333
Endrin aldehyde	U		0.00158	0.0245	1	06/03/2019 12:19	WG1288333
Endrin ketone	U		0.00203	0.0245	1	06/03/2019 12:19	WG1288333
Hexachlorobenzene	U		0.00152	0.0245	1	06/03/2019 12:19	WG1288333
Heptachlor	U		0.00189	0.0245	1	06/03/2019 12:19	WG1288333
Heptachlor epoxide	U		0.00198	0.0245	1	06/03/2019 12:19	WG1288333
Methoxychlor	U		0.00218	0.0245	1	06/03/2019 12:19	WG1288333
Toxaphene	U		0.0442	0.491	1	06/03/2019 12:19	WG1288333
(S) Decachlorobiphenyl	*67.7*			*10.0-135*		*06/03/2019 12:19*	WG1288333
(S) Tetrachloro-m-xylene	*53.7*			*10.0-139*		*06/03/2019 12:19*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.0788	0.409	10	05/31/2019 18:34	WG1288321
Acenaphthylene	U		0.0824	0.409	10	05/31/2019 18:34	WG1288321
Anthracene	U		0.0776	0.409	10	05/31/2019 18:34	WG1288321
Benzidine	U		0.782	4.09	10	05/31/2019 18:34	WG1288321
Benzo(a)anthracene	U		0.0525	0.409	10	05/31/2019 18:34	WG1288321
Benzo(b)fluoranthene	U		0.0853	0.409	10	05/31/2019 18:34	WG1288321
Benzo(k)fluoranthene	U		0.0714	0.409	10	05/31/2019 18:34	WG1288321
Benzo(g,h,i)perylene	U		0.0885	0.409	10	05/31/2019 18:34	WG1288321
Benzo(a)pyrene	U		0.0673	0.409	10	05/31/2019 18:34	WG1288321
Bis(2-chlorethoxy)methane	U		0.0945	4.09	10	05/31/2019 18:34	WG1288321
Bis(2-chloroethyl)ether	U		0.110	4.09	10	05/31/2019 18:34	WG1288321
Bis(2-chloroisopropyl)ether	U		0.0933	4.09	10	05/31/2019 18:34	WG1288321
4-Bromophenyl-phenylether	U		0.140	4.09	10	05/31/2019 18:34	WG1288321
2-Chloronaphthalene	U		0.0784	0.409	10	05/31/2019 18:34	WG1288321
4-Chlorophenyl-phenylether	U		0.0770	4.09	10	05/31/2019 18:34	WG1288321
Chrysene	U		0.0681	0.409	10	05/31/2019 18:34	WG1288321
Dibenz(a,h)anthracene	U		0.101	0.409	10	05/31/2019 18:34	WG1288321
3,3-Dichlorobenzidine	U		0.975	4.09	10	05/31/2019 18:34	WG1288321
2,4-Dinitrotoluene	U		0.0745	4.09	10	05/31/2019 18:34	WG1288321
2,6-Dinitrotoluene	U		0.0905	4.09	10	05/31/2019 18:34	WG1288321
Fluoranthene	U		0.0609	0.409	10	05/31/2019 18:34	WG1288321
Fluorene	U		0.0837	0.409	10	05/31/2019 18:34	WG1288321
Hexachlorobenzene	U		0.105	4.09	10	05/31/2019 18:34	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.123	4.09	10	05/31/2019 18:34	WG1288321
Hexachlorocyclopentadiene	U	J0	0.720	4.09	10	05/31/2019 18:34	WG1288321
Hexachloroethane	U		0.164	4.09	10	05/31/2019 18:34	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.0948	0.409	10	05/31/2019 18:34	WG1288321
Isophorone	U		0.0641	4.09	10	05/31/2019 18:34	WG1288321
Naphthalene	U		0.109	0.409	10	05/31/2019 18:34	WG1288321
Nitrobenzene	U		0.0853	4.09	10	05/31/2019 18:34	WG1288321
n-Nitrosodimethylamine	U		0.794	4.09	10	05/31/2019 18:34	WG1288321
n-Nitrosodiphenylamine	U		1.10	4.09	10	05/31/2019 18:34	WG1288321
n-Nitrosodi-n-propylamine	U		0.111	4.09	10	05/31/2019 18:34	WG1288321
Phenanthrene	U		0.0648	0.409	10	05/31/2019 18:34	WG1288321
Benzylbutyl phthalate	U		0.126	4.09	10	05/31/2019 18:34	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.147	4.09	10	05/31/2019 18:34	WG1288321
Di-n-butyl phthalate	U		0.134	4.09	10	05/31/2019 18:34	WG1288321
Diethyl phthalate	U		0.0848	4.09	10	05/31/2019 18:34	WG1288321
Dimethyl phthalate	U		0.0663	4.09	10	05/31/2019 18:34	WG1288321
Di-n-octyl phthalate	U		0.111	4.09	10	05/31/2019 18:34	WG1288321
Pyrene	U		0.151	0.409	10	05/31/2019 18:34	WG1288321
1,2,4-Trichlorobenzene	U		0.108	4.09	10	05/31/2019 18:34	WG1288321
4-Chloro-3-methylphenol	U		0.0585	4.09	10	05/31/2019 18:34	WG1288321
2-Chlorophenol	U		0.102	4.09	10	05/31/2019 18:34	WG1288321
2,4-Dichlorophenol	U		0.0916	4.09	10	05/31/2019 18:34	WG1288321
2,4-Dimethylphenol	U	J0	0.578	4.09	10	05/31/2019 18:34	WG1288321
4,6-Dinitro-2-methylphenol	U		1.52	4.09	10	05/31/2019 18:34	WG1288321
2,4-Dinitrophenol	U		1.20	4.09	10	05/31/2019 18:34	WG1288321
2-Nitrophenol	U		0.160	4.09	10	05/31/2019 18:34	WG1288321
4-Nitrophenol	U		0.644	4.09	10	05/31/2019 18:34	WG1288321
Pentachlorophenol	U		0.589	4.09	10	05/31/2019 18:34	WG1288321
Phenol	U		0.0853	4.09	10	05/31/2019 18:34	WG1288321
2,4,6-Trichlorophenol	U		0.0956	4.09	10	05/31/2019 18:34	WG1288321
(S) 2-Fluorophenol	*65.9*			*12.0-120*		*05/31/2019 18:34*	WG1288321
(S) Phenol-d5	*58.7*			*10.0-120*		*05/31/2019 18:34*	WG1288321
(S) Nitrobenzene-d5	*60.7*			*10.0-122*		*05/31/2019 18:34*	WG1288321
(S) 2-Fluorobiphenyl	*57.9*			*15.0-120*		*05/31/2019 18:34*	WG1288321
(S) 2,4,6-Tribromophenol	*50.0*			*10.0-127*		*05/31/2019 18:34*	WG1288321
(S) p-Terphenyl-d14	*54.9*			*10.0-120*		*05/31/2019 18:34*	WG1288321

Sample Narrative:

L1102115-35 WG1288321: Dilution due to matrix impact during extract concentration procedure

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.2		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00158	0.0235	1	06/03/2019 12:32	WG1288333
Alpha BHC	U		0.00160	0.0235	1	06/03/2019 12:32	WG1288333
Beta BHC	U		0.00188	0.0235	1	06/03/2019 12:32	WG1288333
Delta BHC	U		0.00168	0.0235	1	06/03/2019 12:32	WG1288333
Gamma BHC	U		0.00170	0.0235	1	06/03/2019 12:32	WG1288333
Chlordane	U		0.0458	0.235	1	06/03/2019 12:32	WG1288333
4,4-DDD	U		0.00183	0.0235	1	06/03/2019 12:32	WG1288333
4,4-DDE	U		0.00181	0.0235	1	06/03/2019 12:32	WG1288333
4,4-DDT	U		0.00235	0.0235	1	06/03/2019 12:32	WG1288333
Dieldrin	U		0.00178	0.0235	1	06/03/2019 12:32	WG1288333
Endosulfan I	U		0.00175	0.0235	1	06/03/2019 12:32	WG1288333
Endosulfan II	U		0.00188	0.0235	1	06/03/2019 12:32	WG1288333
Endosulfan sulfate	U		0.00177	0.0235	1	06/03/2019 12:32	WG1288333
Endrin	U		0.00184	0.0235	1	06/03/2019 12:32	WG1288333
Endrin aldehyde	U		0.00151	0.0235	1	06/03/2019 12:32	WG1288333
Endrin ketone	U		0.00194	0.0235	1	06/03/2019 12:32	WG1288333
Hexachlorobenzene	U		0.00146	0.0235	1	06/03/2019 12:32	WG1288333
Heptachlor	U		0.00181	0.0235	1	06/03/2019 12:32	WG1288333
Heptachlor epoxide	U		0.00189	0.0235	1	06/03/2019 12:32	WG1288333
Methoxychlor	U		0.00209	0.0235	1	06/03/2019 12:32	WG1288333
Toxaphene	U		0.0423	0.469	1	06/03/2019 12:32	WG1288333
(S) Decachlorobiphenyl	*67.1*			*10.0-135*		*06/03/2019 12:32*	WG1288333
(S) Tetrachloro-m-xylene	*58.1*			*10.0-139*		*06/03/2019 12:32*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00754	0.0391	1	05/30/2019 22:35	WG1288321
Acenaphthylene	U		0.00788	0.0391	1	05/30/2019 22:35	WG1288321
Anthracene	U		0.00742	0.0391	1	05/30/2019 22:35	WG1288321
Benzidine	U		0.0748	0.391	1	05/30/2019 22:35	WG1288321
Benzo(a)anthracene	U		0.00502	0.0391	1	05/30/2019 22:35	WG1288321
Benzo(b)fluoranthene	U		0.00816	0.0391	1	05/30/2019 22:35	WG1288321
Benzo(k)fluoranthene	U		0.00683	0.0391	1	05/30/2019 22:35	WG1288321
Benzo(g,h,i)perylene	U		0.00846	0.0391	1	05/30/2019 22:35	WG1288321
Benzo(a)pyrene	U		0.00643	0.0391	1	05/30/2019 22:35	WG1288321
Bis(2-chlorethoxy)methane	U		0.00904	0.391	1	05/30/2019 22:35	WG1288321
Bis(2-chloroethyl)ether	U		0.0105	0.391	1	05/30/2019 22:35	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00892	0.391	1	05/30/2019 22:35	WG1288321
4-Bromophenyl-phenylether	U		0.0134	0.391	1	05/30/2019 22:35	WG1288321
2-Chloronaphthalene	U		0.00750	0.0391	1	05/30/2019 22:35	WG1288321
4-Chlorophenyl-phenylether	U		0.00736	0.391	1	05/30/2019 22:35	WG1288321
Chrysene	U		0.00651	0.0391	1	05/30/2019 22:35	WG1288321
Dibenz(a,h)anthracene	U		0.00964	0.0391	1	05/30/2019 22:35	WG1288321
3,3-Dichlorobenzidine	U		0.0932	0.391	1	05/30/2019 22:35	WG1288321
2,4-Dinitrotoluene	U		0.00712	0.391	1	05/30/2019 22:35	WG1288321
2,6-Dinitrotoluene	U		0.00865	0.391	1	05/30/2019 22:35	WG1288321
Fluoranthene	U		0.00582	0.0391	1	05/30/2019 22:35	WG1288321
Fluorene	U		0.00800	0.0391	1	05/30/2019 22:35	WG1288321
Hexachlorobenzene	U		0.0100	0.391	1	05/30/2019 22:35	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0117	0.391	1	05/30/2019 22:35	WG1288321
Hexachlorocyclopentadiene	U		0.0689	0.391	1	05/30/2019 22:35	WG1288321
Hexachloroethane	U		0.0157	0.391	1	05/30/2019 22:35	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00906	0.0391	1	05/30/2019 22:35	WG1288321
Isophorone	U		0.00613	0.391	1	05/30/2019 22:35	WG1288321
Naphthalene	U		0.0104	0.0391	1	05/30/2019 22:35	WG1288321
Nitrobenzene	U		0.00816	0.391	1	05/30/2019 22:35	WG1288321
n-Nitrosodimethylamine	U		0.0759	0.391	1	05/30/2019 22:35	WG1288321
n-Nitrosodiphenylamine	U		0.106	0.391	1	05/30/2019 22:35	WG1288321
n-Nitrosodi-n-propylamine	U		0.0106	0.391	1	05/30/2019 22:35	WG1288321
Phenanthrene	U		0.00620	0.0391	1	05/30/2019 22:35	WG1288321
Benzylbutyl phthalate	U		0.0121	0.391	1	05/30/2019 22:35	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0141	0.391	1	05/30/2019 22:35	WG1288321
Di-n-butyl phthalate	U		0.0128	0.391	1	05/30/2019 22:35	WG1288321
Diethyl phthalate	U		0.00811	0.391	1	05/30/2019 22:35	WG1288321
Dimethyl phthalate	U		0.00634	0.391	1	05/30/2019 22:35	WG1288321
Di-n-octyl phthalate	U		0.0106	0.391	1	05/30/2019 22:35	WG1288321
Pyrene	U		0.0144	0.0391	1	05/30/2019 22:35	WG1288321
1,2,4-Trichlorobenzene	U		0.0103	0.391	1	05/30/2019 22:35	WG1288321
4-Chloro-3-methylphenol	U		0.00560	0.391	1	05/30/2019 22:35	WG1288321
2-Chlorophenol	U		0.00975	0.391	1	05/30/2019 22:35	WG1288321
2,4-Dichlorophenol	U		0.00876	0.391	1	05/30/2019 22:35	WG1288321
2,4-Dimethylphenol	U		0.0553	0.391	1	05/30/2019 22:35	WG1288321
4,6-Dinitro-2-methylphenol	U		0.146	0.391	1	05/30/2019 22:35	WG1288321
2,4-Dinitrophenol	U		0.115	0.391	1	05/30/2019 22:35	WG1288321
2-Nitrophenol	U		0.0153	0.391	1	05/30/2019 22:35	WG1288321
4-Nitrophenol	U		0.0616	0.391	1	05/30/2019 22:35	WG1288321
Pentachlorophenol	U		0.0563	0.391	1	05/30/2019 22:35	WG1288321
Phenol	U		0.00816	0.391	1	05/30/2019 22:35	WG1288321
2,4,6-Trichlorophenol	U		0.00914	0.391	1	05/30/2019 22:35	WG1288321
(S) 2-Fluorophenol	*81.1*			*12.0-120*		*05/30/2019 22:35*	WG1288321
(S) Phenol-d5	*70.6*			*10.0-120*		*05/30/2019 22:35*	WG1288321
(S) Nitrobenzene-d5	*59.1*			*10.0-122*		*05/30/2019 22:35*	WG1288321
(S) 2-Fluorobiphenyl	*68.2*			*15.0-120*		*05/30/2019 22:35*	WG1288321
(S) 2,4,6-Tribromophenol	*70.9*			*10.0-127*		*05/30/2019 22:35*	WG1288321
(S) p-Terphenyl-d14	*77.0*			*10.0-120*		*05/30/2019 22:35*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.5		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00160	0.0237	1	06/03/2019 12:44	WG1288333
Alpha BHC	U		0.00161	0.0237	1	06/03/2019 12:44	WG1288333
Beta BHC	U		0.00189	0.0237	1	06/03/2019 12:44	WG1288333
Delta BHC	U		0.00169	0.0237	1	06/03/2019 12:44	WG1288333
Gamma BHC	U		0.00172	0.0237	1	06/03/2019 12:44	WG1288333
Chlordane	U		0.0461	0.237	1	06/03/2019 12:44	WG1288333
4,4-DDD	U		0.00185	0.0237	1	06/03/2019 12:44	WG1288333
4,4-DDE	U		0.00182	0.0237	1	06/03/2019 12:44	WG1288333
4,4-DDT	U		0.00237	0.0237	1	06/03/2019 12:44	WG1288333
Dieldrin	U		0.00180	0.0237	1	06/03/2019 12:44	WG1288333
Endosulfan I	U		0.00176	0.0237	1	06/03/2019 12:44	WG1288333
Endosulfan II	U		0.00189	0.0237	1	06/03/2019 12:44	WG1288333
Endosulfan sulfate	U		0.00179	0.0237	1	06/03/2019 12:44	WG1288333
Endrin	U		0.00186	0.0237	1	06/03/2019 12:44	WG1288333
Endrin aldehyde	U		0.00153	0.0237	1	06/03/2019 12:44	WG1288333
Endrin ketone	U		0.00195	0.0237	1	06/03/2019 12:44	WG1288333
Hexachlorobenzene	U		0.00147	0.0237	1	06/03/2019 12:44	WG1288333
Heptachlor	U		0.00182	0.0237	1	06/03/2019 12:44	WG1288333
Heptachlor epoxide	U		0.00190	0.0237	1	06/03/2019 12:44	WG1288333
Methoxychlor	U		0.00211	0.0237	1	06/03/2019 12:44	WG1288333
Toxaphene	U		0.0426	0.473	1	06/03/2019 12:44	WG1288333
(S) Decachlorobiphenyl	*76.9*			*10.0-135*		*06/03/2019 12:44*	WG1288333
(S) Tetrachloro-m-xylene	*64.6*			*10.0-139*		*06/03/2019 12:44*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00760	0.0394	1	05/30/2019 20:02	WG1288321
Acenaphthylene	U		0.00794	0.0394	1	05/30/2019 20:02	WG1288321
Anthracene	U		0.00748	0.0394	1	05/30/2019 20:02	WG1288321
Benzidine	U		0.0754	0.394	1	05/30/2019 20:02	WG1288321
Benzo(a)anthracene	U		0.00506	0.0394	1	05/30/2019 20:02	WG1288321
Benzo(b)fluoranthene	U		0.00822	0.0394	1	05/30/2019 20:02	WG1288321
Benzo(k)fluoranthene	U		0.00689	0.0394	1	05/30/2019 20:02	WG1288321
Benzo(g,h,i)perylene	U		0.00853	0.0394	1	05/30/2019 20:02	WG1288321
Benzo(a)pyrene	U		0.00648	0.0394	1	05/30/2019 20:02	WG1288321
Bis(2-chlorethoxy)methane	U		0.00911	0.394	1	05/30/2019 20:02	WG1288321
Bis(2-chloroethyl)ether	U		0.0106	0.394	1	05/30/2019 20:02	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00899	0.394	1	05/30/2019 20:02	WG1288321
4-Bromophenyl-phenylether	U		0.0135	0.394	1	05/30/2019 20:02	WG1288321
2-Chloronaphthalene	U		0.00756	0.0394	1	05/30/2019 20:02	WG1288321
4-Chlorophenyl-phenylether	U		0.00742	0.394	1	05/30/2019 20:02	WG1288321
Chrysene	U		0.00657	0.0394	1	05/30/2019 20:02	WG1288321
Dibenz(a,h)anthracene	U		0.00971	0.0394	1	05/30/2019 20:02	WG1288321
3,3-Dichlorobenzidine	U		0.0939	0.394	1	05/30/2019 20:02	WG1288321
2,4-Dinitrotoluene	U		0.00718	0.394	1	05/30/2019 20:02	WG1288321
2,6-Dinitrotoluene	U		0.00872	0.394	1	05/30/2019 20:02	WG1288321
Fluoranthene	U		0.00587	0.0394	1	05/30/2019 20:02	WG1288321
Fluorene	U		0.00807	0.0394	1	05/30/2019 20:02	WG1288321
Hexachlorobenzene	U		0.0101	0.394	1	05/30/2019 20:02	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.394	1	05/30/2019 20:02	WG1288321
Hexachlorocyclopentadiene	U		0.0694	0.394	1	05/30/2019 20:02	WG1288321
Hexachloroethane	U		0.0159	0.394	1	05/30/2019 20:02	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00913	0.0394	1	05/30/2019 20:02	WG1288321
Isophorone	U		0.00618	0.394	1	05/30/2019 20:02	WG1288321
Naphthalene	U		0.0105	0.0394	1	05/30/2019 20:02	WG1288321
Nitrobenzene	U		0.00822	0.394	1	05/30/2019 20:02	WG1288321
n-Nitrosodimethylamine	U		0.0765	0.394	1	05/30/2019 20:02	WG1288321
n-Nitrosodiphenylamine	U		0.106	0.394	1	05/30/2019 20:02	WG1288321
n-Nitrosodi-n-propylamine	U		0.0107	0.394	1	05/30/2019 20:02	WG1288321
Phenanthrene	U		0.00625	0.0394	1	05/30/2019 20:02	WG1288321
Benzylbutyl phthalate	U		0.0122	0.394	1	05/30/2019 20:02	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0142	0.394	1	05/30/2019 20:02	WG1288321
Di-n-butyl phthalate	U		0.0129	0.394	1	05/30/2019 20:02	WG1288321
Diethyl phthalate	U		0.00817	0.394	1	05/30/2019 20:02	WG1288321
Dimethyl phthalate	U		0.00639	0.394	1	05/30/2019 20:02	WG1288321
Di-n-octyl phthalate	U		0.0107	0.394	1	05/30/2019 20:02	WG1288321
Pyrene	U		0.0146	0.0394	1	05/30/2019 20:02	WG1288321
1,2,4-Trichlorobenzene	U		0.0104	0.394	1	05/30/2019 20:02	WG1288321
4-Chloro-3-methylphenol	U		0.00564	0.394	1	05/30/2019 20:02	WG1288321
2-Chlorophenol	U		0.00983	0.394	1	05/30/2019 20:02	WG1288321
2,4-Dichlorophenol	U		0.00883	0.394	1	05/30/2019 20:02	WG1288321
2,4-Dimethylphenol	U		0.0557	0.394	1	05/30/2019 20:02	WG1288321
4,6-Dinitro-2-methylphenol	U		0.147	0.394	1	05/30/2019 20:02	WG1288321
2,4-Dinitrophenol	U		0.116	0.394	1	05/30/2019 20:02	WG1288321
2-Nitrophenol	U		0.0154	0.394	1	05/30/2019 20:02	WG1288321
4-Nitrophenol	U		0.0621	0.394	1	05/30/2019 20:02	WG1288321
Pentachlorophenol	U		0.0568	0.394	1	05/30/2019 20:02	WG1288321
Phenol	U		0.00822	0.394	1	05/30/2019 20:02	WG1288321
2,4,6-Trichlorophenol	U		0.00922	0.394	1	05/30/2019 20:02	WG1288321
(S) 2-Fluorophenol	*81.8*			*12.0-120*		*05/30/2019 20:02*	WG1288321
(S) Phenol-d5	*70.5*			*10.0-120*		*05/30/2019 20:02*	WG1288321
(S) Nitrobenzene-d5	*60.8*			*10.0-122*		*05/30/2019 20:02*	WG1288321
(S) 2-Fluorobiphenyl	*68.5*			*15.0-120*		*05/30/2019 20:02*	WG1288321
(S) 2,4,6-Tribromophenol	*69.3*			*10.0-127*		*05/30/2019 20:02*	WG1288321
(S) p-Terphenyl-d14	*78.7*			*10.0-120*		*05/30/2019 20:02*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.5		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00170	0.0252	1	06/03/2019 12:57	WG1288333
Alpha BHC	U		0.00171	0.0252	1	06/03/2019 12:57	WG1288333
Beta BHC	U		0.00201	0.0252	1	06/03/2019 12:57	WG1288333
Delta BHC	U		0.00180	0.0252	1	06/03/2019 12:57	WG1288333
Gamma BHC	U		0.00182	0.0252	1	06/03/2019 12:57	WG1288333
Chlordane	U		0.0491	0.252	1	06/03/2019 12:57	WG1288333
4,4-DDD	U		0.00196	0.0252	1	06/03/2019 12:57	WG1288333
4,4-DDE	U		0.00194	0.0252	1	06/03/2019 12:57	WG1288333
4,4-DDT	U		0.00252	0.0252	1	06/03/2019 12:57	WG1288333
Dieldrin	U		0.00191	0.0252	1	06/03/2019 12:57	WG1288333
Endosulfan I	U		0.00188	0.0252	1	06/03/2019 12:57	WG1288333
Endosulfan II	U		0.00201	0.0252	1	06/03/2019 12:57	WG1288333
Endosulfan sulfate	U		0.00190	0.0252	1	06/03/2019 12:57	WG1288333
Endrin	U		0.00198	0.0252	1	06/03/2019 12:57	WG1288333
Endrin aldehyde	U		0.00162	0.0252	1	06/03/2019 12:57	WG1288333
Endrin ketone	U		0.00208	0.0252	1	06/03/2019 12:57	WG1288333
Hexachlorobenzene	U		0.00156	0.0252	1	06/03/2019 12:57	WG1288333
Heptachlor	U		0.00194	0.0252	1	06/03/2019 12:57	WG1288333
Heptachlor epoxide	U		0.00203	0.0252	1	06/03/2019 12:57	WG1288333
Methoxychlor	U		0.00224	0.0252	1	06/03/2019 12:57	WG1288333
Toxaphene	U		0.0453	0.503	1	06/03/2019 12:57	WG1288333
(S) Decachlorobiphenyl	*75.1*			*10.0-135*		*06/03/2019 12:57*	WG1288333
(S) Tetrachloro-m-xylene	*62.0*			*10.0-139*		*06/03/2019 12:57*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.0808	0.419	10	05/31/2019 18:15	WG1288321
Acenaphthylene	U		0.0844	0.419	10	05/31/2019 18:15	WG1288321
Anthracene	U		0.0795	0.419	10	05/31/2019 18:15	WG1288321
Benzidine	U		0.802	4.19	10	05/31/2019 18:15	WG1288321
Benzo(a)anthracene	U		0.0539	0.419	10	05/31/2019 18:15	WG1288321
Benzo(b)fluoranthene	U		0.0875	0.419	10	05/31/2019 18:15	WG1288321
Benzo(k)fluoranthene	U		0.0732	0.419	10	05/31/2019 18:15	WG1288321
Benzo(g,h,i)perylene	U		0.0907	0.419	10	05/31/2019 18:15	WG1288321
Benzo(a)pyrene	U		0.0690	0.419	10	05/31/2019 18:15	WG1288321
Bis(2-chlorethoxy)methane	U		0.0969	4.19	10	05/31/2019 18:15	WG1288321
Bis(2-chloroethyl)ether	U		0.113	4.19	10	05/31/2019 18:15	WG1288321
Bis(2-chloroisopropyl)ether	U		0.0957	4.19	10	05/31/2019 18:15	WG1288321
4-Bromophenyl-phenylether	U		0.143	4.19	10	05/31/2019 18:15	WG1288321
2-Chloronaphthalene	U		0.0804	0.419	10	05/31/2019 18:15	WG1288321
4-Chlorophenyl-phenylether	U		0.0789	4.19	10	05/31/2019 18:15	WG1288321
Chrysene	U		0.0699	0.419	10	05/31/2019 18:15	WG1288321
Dibenz(a,h)anthracene	U		0.103	0.419	10	05/31/2019 18:15	WG1288321
3,3-Dichlorobenzidine	U		0.999	4.19	10	05/31/2019 18:15	WG1288321
2,4-Dinitrotoluene	U		0.0764	4.19	10	05/31/2019 18:15	WG1288321
2,6-Dinitrotoluene	U		0.0928	4.19	10	05/31/2019 18:15	WG1288321
Fluoranthene	U		0.0624	0.419	10	05/31/2019 18:15	WG1288321
Fluorene	U		0.0858	0.419	10	05/31/2019 18:15	WG1288321
Hexachlorobenzene	U		0.108	4.19	10	05/31/2019 18:15	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.126	4.19	10	05/31/2019 18:15	WG1288321
Hexachlorocyclopentadiene	U	J0	0.739	4.19	10	05/31/2019 18:15	WG1288321
Hexachloroethane	U		0.169	4.19	10	05/31/2019 18:15	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.0972	0.419	10	05/31/2019 18:15	WG1288321
Isophorone	U		0.0657	4.19	10	05/31/2019 18:15	WG1288321
Naphthalene	U		0.112	0.419	10	05/31/2019 18:15	WG1288321
Nitrobenzene	U		0.0875	4.19	10	05/31/2019 18:15	WG1288321
n-Nitrosodimethylamine	U		0.814	4.19	10	05/31/2019 18:15	WG1288321
n-Nitrosodiphenylamine	U		1.13	4.19	10	05/31/2019 18:15	WG1288321
n-Nitrosodi-n-propylamine	U		0.114	4.19	10	05/31/2019 18:15	WG1288321
Phenanthrene	U		0.0665	0.419	10	05/31/2019 18:15	WG1288321
Benzylbutyl phthalate	U		0.130	4.19	10	05/31/2019 18:15	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.151	4.19	10	05/31/2019 18:15	WG1288321
Di-n-butyl phthalate	U		0.137	4.19	10	05/31/2019 18:15	WG1288321
Diethyl phthalate	U		0.0870	4.19	10	05/31/2019 18:15	WG1288321
Dimethyl phthalate	U		0.0680	4.19	10	05/31/2019 18:15	WG1288321
Di-n-octyl phthalate	U		0.114	4.19	10	05/31/2019 18:15	WG1288321
Pyrene	U		0.155	0.419	10	05/31/2019 18:15	WG1288321
1,2,4-Trichlorobenzene	U		0.110	4.19	10	05/31/2019 18:15	WG1288321
4-Chloro-3-methylphenol	U		0.0600	4.19	10	05/31/2019 18:15	WG1288321
2-Chlorophenol	U		0.105	4.19	10	05/31/2019 18:15	WG1288321
2,4-Dichlorophenol	U		0.0939	4.19	10	05/31/2019 18:15	WG1288321
2,4-Dimethylphenol	U	J0	0.593	4.19	10	05/31/2019 18:15	WG1288321
4,6-Dinitro-2-methylphenol	U		1.56	4.19	10	05/31/2019 18:15	WG1288321
2,4-Dinitrophenol	U		1.23	4.19	10	05/31/2019 18:15	WG1288321
2-Nitrophenol	U		0.164	4.19	10	05/31/2019 18:15	WG1288321
4-Nitrophenol	U		0.661	4.19	10	05/31/2019 18:15	WG1288321
Pentachlorophenol	U		0.604	4.19	10	05/31/2019 18:15	WG1288321
Phenol	U		0.0875	4.19	10	05/31/2019 18:15	WG1288321
2,4,6-Trichlorophenol	U		0.0980	4.19	10	05/31/2019 18:15	WG1288321
(S) 2-Fluorophenol	*72.9*			*12.0-120*		*05/31/2019 18:15*	WG1288321
(S) Phenol-d5	*66.5*			*10.0-120*		*05/31/2019 18:15*	WG1288321
(S) Nitrobenzene-d5	*65.2*			*10.0-122*		*05/31/2019 18:15*	WG1288321
(S) 2-Fluorobiphenyl	*65.8*			*15.0-120*		*05/31/2019 18:15*	WG1288321
(S) 2,4,6-Tribromophenol	*64.3*			*10.0-127*		*05/31/2019 18:15*	WG1288321
(S) p-Terphenyl-d14	*66.8*			*10.0-120*		*05/31/2019 18:15*	WG1288321

Sample Narrative:

L1102115-38 WG1288321: Dilution due to matrix impact during extract concentration procedure

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.7		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0236	1	06/04/2019 09:45	WG1288333
Alpha BHC	U		0.00161	0.0236	1	06/04/2019 09:45	WG1288333
Beta BHC	U		0.00189	0.0236	1	06/04/2019 09:45	WG1288333
Delta BHC	U		0.00169	0.0236	1	06/04/2019 09:45	WG1288333
Gamma BHC	U		0.00171	0.0236	1	06/04/2019 09:45	WG1288333
Chlordane	U		0.0460	0.236	1	06/04/2019 09:45	WG1288333
4,4-DDD	U		0.00184	0.0236	1	06/04/2019 09:45	WG1288333
4,4-DDE	U		0.00182	0.0236	1	06/04/2019 09:45	WG1288333
4,4-DDT	U		0.00236	0.0236	1	06/04/2019 09:45	WG1288333
Dieldrin	U		0.00179	0.0236	1	06/04/2019 09:45	WG1288333
Endosulfan I	U		0.00176	0.0236	1	06/04/2019 09:45	WG1288333
Endosulfan II	U		0.00189	0.0236	1	06/04/2019 09:45	WG1288333
Endosulfan sulfate	U		0.00178	0.0236	1	06/04/2019 09:45	WG1288333
Endrin	U		0.00185	0.0236	1	06/04/2019 09:45	WG1288333
Endrin aldehyde	U		0.00152	0.0236	1	06/04/2019 09:45	WG1288333
Endrin ketone	U		0.00195	0.0236	1	06/04/2019 09:45	WG1288333
Hexachlorobenzene	U		0.00146	0.0236	1	06/04/2019 09:45	WG1288333
Heptachlor	U		0.00182	0.0236	1	06/04/2019 09:45	WG1288333
Heptachlor epoxide	U		0.00190	0.0236	1	06/04/2019 09:45	WG1288333
Methoxychlor	U		0.00210	0.0236	1	06/04/2019 09:45	WG1288333
Toxaphene	U		0.0425	0.472	1	06/04/2019 09:45	WG1288333
(S) Decachlorobiphenyl	*72.8*			*10.0-135*		*06/04/2019 09:45*	WG1288333
(S) Tetrachloro-m-xylene	*63.3*			*10.0-139*		*06/04/2019 09:45*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00758	0.0393	1	05/30/2019 22:16	WG1288321
Acenaphthylene	U		0.00792	0.0393	1	05/30/2019 22:16	WG1288321
Anthracene	U		0.00746	0.0393	1	05/30/2019 22:16	WG1288321
Benzidine	U		0.0752	0.393	1	05/30/2019 22:16	WG1288321
Benzo(a)anthracene	U		0.00505	0.0393	1	05/30/2019 22:16	WG1288321
Benzo(b)fluoranthene	U		0.00820	0.0393	1	05/30/2019 22:16	WG1288321
Benzo(k)fluoranthene	U		0.00687	0.0393	1	05/30/2019 22:16	WG1288321
Benzo(g,h,i)perylene	U		0.00851	0.0393	1	05/30/2019 22:16	WG1288321
Benzo(a)pyrene	U		0.00647	0.0393	1	05/30/2019 22:16	WG1288321
Bis(2-chlorethoxy)methane	U		0.00909	0.393	1	05/30/2019 22:16	WG1288321
Bis(2-chloroethyl)ether	U		0.0106	0.393	1	05/30/2019 22:16	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00897	0.393	1	05/30/2019 22:16	WG1288321
4-Bromophenyl-phenylether	U		0.0135	0.393	1	05/30/2019 22:16	WG1288321
2-Chloronaphthalene	U		0.00754	0.0393	1	05/30/2019 22:16	WG1288321
4-Chlorophenyl-phenylether	U		0.00740	0.393	1	05/30/2019 22:16	WG1288321
Chrysene	U		0.00655	0.0393	1	05/30/2019 22:16	WG1288321
Dibenz(a,h)anthracene	U		0.00969	0.0393	1	05/30/2019 22:16	WG1288321
3,3-Dichlorobenzidine	U		0.0937	0.393	1	05/30/2019 22:16	WG1288321
2,4-Dinitrotoluene	U		0.00716	0.393	1	05/30/2019 22:16	WG1288321
2,6-Dinitrotoluene	U		0.00870	0.393	1	05/30/2019 22:16	WG1288321
Fluoranthene	U		0.00585	0.0393	1	05/30/2019 22:16	WG1288321
Fluorene	U		0.00805	0.0393	1	05/30/2019 22:16	WG1288321
Hexachlorobenzene	U		0.0101	0.393	1	05/30/2019 22:16	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.393	1	05/30/2019 22:16	WG1288321
Hexachlorocyclopentadiene	U		0.0693	0.393	1	05/30/2019 22:16	WG1288321
Hexachloroethane	U		0.0158	0.393	1	05/30/2019 22:16	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00911	0.0393	1	05/30/2019 22:16	WG1288321
Isophorone	U		0.00616	0.393	1	05/30/2019 22:16	WG1288321
Naphthalene	U		0.0105	0.0393	1	05/30/2019 22:16	WG1288321
Nitrobenzene	U		0.00820	0.393	1	05/30/2019 22:16	WG1288321
n-Nitrosodimethylamine	U		0.0764	0.393	1	05/30/2019 22:16	WG1288321
n-Nitrosodiphenylamine	U		0.106	0.393	1	05/30/2019 22:16	WG1288321
n-Nitrosodi-n-propylamine	U		0.0107	0.393	1	05/30/2019 22:16	WG1288321
Phenanthrene	U		0.00623	0.0393	1	05/30/2019 22:16	WG1288321
Benzylbutyl phthalate	U		0.0122	0.393	1	05/30/2019 22:16	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0142	0.393	1	05/30/2019 22:16	WG1288321
Di-n-butyl phthalate	U		0.0129	0.393	1	05/30/2019 22:16	WG1288321
Diethyl phthalate	U		0.00816	0.393	1	05/30/2019 22:16	WG1288321
Dimethyl phthalate	U		0.00637	0.393	1	05/30/2019 22:16	WG1288321
Di-n-octyl phthalate	U		0.0107	0.393	1	05/30/2019 22:16	WG1288321
Pyrene	U		0.0145	0.0393	1	05/30/2019 22:16	WG1288321
1,2,4-Trichlorobenzene	U		0.0103	0.393	1	05/30/2019 22:16	WG1288321
4-Chloro-3-methylphenol	U		0.00563	0.393	1	05/30/2019 22:16	WG1288321
2-Chlorophenol	U		0.00981	0.393	1	05/30/2019 22:16	WG1288321
2,4-Dichlorophenol	U		0.00881	0.393	1	05/30/2019 22:16	WG1288321
2,4-Dimethylphenol	U		0.0556	0.393	1	05/30/2019 22:16	WG1288321
4,6-Dinitro-2-methylphenol	U		0.146	0.393	1	05/30/2019 22:16	WG1288321
2,4-Dinitrophenol	U		0.116	0.393	1	05/30/2019 22:16	WG1288321
2-Nitrophenol	U		0.0153	0.393	1	05/30/2019 22:16	WG1288321
4-Nitrophenol	U		0.0620	0.393	1	05/30/2019 22:16	WG1288321
Pentachlorophenol	U		0.0567	0.393	1	05/30/2019 22:16	WG1288321
Phenol	U		0.00820	0.393	1	05/30/2019 22:16	WG1288321
2,4,6-Trichlorophenol	U		0.00919	0.393	1	05/30/2019 22:16	WG1288321
(S) 2-Fluorophenol	*82.6*			*12.0-120*		*05/30/2019 22:16*	WG1288321
(S) Phenol-d5	*72.0*			*10.0-120*		*05/30/2019 22:16*	WG1288321
(S) Nitrobenzene-d5	*60.7*			*10.0-122*		*05/30/2019 22:16*	WG1288321
(S) 2-Fluorobiphenyl	*70.4*			*15.0-120*		*05/30/2019 22:16*	WG1288321
(S) 2,4,6-Tribromophenol	*72.3*			*10.0-127*		*05/30/2019 22:16*	WG1288321
(S) p-Terphenyl-d14	*79.8*			*10.0-120*		*05/30/2019 22:16*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.5		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00149	0.0221	1	06/04/2019 09:58	WG1288333
Alpha BHC	U		0.00150	0.0221	1	06/04/2019 09:58	WG1288333
Beta BHC	U		0.00177	0.0221	1	06/04/2019 09:58	WG1288333
Delta BHC	U		0.00158	0.0221	1	06/04/2019 09:58	WG1288333
Gamma BHC	U		0.00160	0.0221	1	06/04/2019 09:58	WG1288333
Chlordane	U		0.0431	0.221	1	06/04/2019 09:58	WG1288333
4,4-DDD	U		0.00172	0.0221	1	06/04/2019 09:58	WG1288333
4,4-DDE	U		0.00170	0.0221	1	06/04/2019 09:58	WG1288333
4,4-DDT	U		0.00221	0.0221	1	06/04/2019 09:58	WG1288333
Dieldrin	U		0.00168	0.0221	1	06/04/2019 09:58	WG1288333
Endosulfan I	U		0.00165	0.0221	1	06/04/2019 09:58	WG1288333
Endosulfan II	U		0.00177	0.0221	1	06/04/2019 09:58	WG1288333
Endosulfan sulfate	U		0.00167	0.0221	1	06/04/2019 09:58	WG1288333
Endrin	U		0.00173	0.0221	1	06/04/2019 09:58	WG1288333
Endrin aldehyde	U		0.00142	0.0221	1	06/04/2019 09:58	WG1288333
Endrin ketone	U		0.00182	0.0221	1	06/04/2019 09:58	WG1288333
Hexachlorobenzene	U		0.00137	0.0221	1	06/04/2019 09:58	WG1288333
Heptachlor	U		0.00170	0.0221	1	06/04/2019 09:58	WG1288333
Heptachlor epoxide	U		0.00178	0.0221	1	06/04/2019 09:58	WG1288333
Methoxychlor	U		0.00197	0.0221	1	06/04/2019 09:58	WG1288333
Toxaphene	U		0.0398	0.442	1	06/04/2019 09:58	WG1288333
(S) Decachlorobiphenyl	*68.3*			*10.0-135*		*06/04/2019 09:58*	WG1288333
(S) Tetrachloro-m-xylene	*62.5*			*10.0-139*		*06/04/2019 09:58*	WG1288333

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00709	0.0368	1	05/30/2019 18:46	WG1288321
Acenaphthylene	U		0.00741	0.0368	1	05/30/2019 18:46	WG1288321
Anthracene	U		0.00698	0.0368	1	05/30/2019 18:46	WG1288321
Benzidine	U		0.0704	0.368	1	05/30/2019 18:46	WG1288321
Benzo(a)anthracene	U		0.00473	0.0368	1	05/30/2019 18:46	WG1288321
Benzo(b)fluoranthene	U		0.00768	0.0368	1	05/30/2019 18:46	WG1288321
Benzo(k)fluoranthene	U		0.00643	0.0368	1	05/30/2019 18:46	WG1288321
Benzo(g,h,i)perylene	U		0.00796	0.0368	1	05/30/2019 18:46	WG1288321
Benzo(a)pyrene	U		0.00605	0.0368	1	05/30/2019 18:46	WG1288321
Bis(2-chlorethoxy)methane	U		0.00850	0.368	1	05/30/2019 18:46	WG1288321
Bis(2-chloroethyl)ether	U		0.00990	0.368	1	05/30/2019 18:46	WG1288321
Bis(2-chloroisopropyl)ether	U		0.00839	0.368	1	05/30/2019 18:46	WG1288321
4-Bromophenyl-phenylether	U		0.0126	0.368	1	05/30/2019 18:46	WG1288321
2-Chloronaphthalene	U		0.00706	0.0368	1	05/30/2019 18:46	WG1288321
4-Chlorophenyl-phenylether	U		0.00693	0.368	1	05/30/2019 18:46	WG1288321
Chrysene	U		0.00613	0.0368	1	05/30/2019 18:46	WG1288321
Dibenz(a,h)anthracene	U		0.00907	0.0368	1	05/30/2019 18:46	WG1288321
3,3-Dichlorobenzidine	U		0.0877	0.368	1	05/30/2019 18:46	WG1288321
2,4-Dinitrotoluene	U		0.00670	0.368	1	05/30/2019 18:46	WG1288321
2,6-Dinitrotoluene	U		0.00814	0.368	1	05/30/2019 18:46	WG1288321
Fluoranthene	U		0.00548	0.0368	1	05/30/2019 18:46	WG1288321
Fluorene	U		0.00753	0.0368	1	05/30/2019 18:46	WG1288321
Hexachlorobenzene	U		0.00945	0.368	1	05/30/2019 18:46	WG1288321

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0110	0.368	1	05/30/2019 18:46	WG1288321
Hexachlorocyclopentadiene	U		0.0648	0.368	1	05/30/2019 18:46	WG1288321
Hexachloroethane	U		0.0148	0.368	1	05/30/2019 18:46	WG1288321
Indeno(1,2,3-cd)pyrene	U		0.00853	0.0368	1	05/30/2019 18:46	WG1288321
Isophorone	U		0.00577	0.368	1	05/30/2019 18:46	WG1288321
Naphthalene	U		0.00982	0.0368	1	05/30/2019 18:46	WG1288321
Nitrobenzene	U		0.00768	0.368	1	05/30/2019 18:46	WG1288321
n-Nitrosodimethylamine	U		0.0715	0.368	1	05/30/2019 18:46	WG1288321
n-Nitrosodiphenylamine	U		0.0994	0.368	1	05/30/2019 18:46	WG1288321
n-Nitrosodi-n-propylamine	U		0.0100	0.368	1	05/30/2019 18:46	WG1288321
Phenanthrene	U		0.00583	0.0368	1	05/30/2019 18:46	WG1288321
Benzylbutyl phthalate	U		0.0114	0.368	1	05/30/2019 18:46	WG1288321
Bis(2-ethylhexyl)phthalate	U		0.0133	0.368	1	05/30/2019 18:46	WG1288321
Di-n-butyl phthalate	U		0.0120	0.368	1	05/30/2019 18:46	WG1288321
Diethyl phthalate	U		0.00763	0.368	1	05/30/2019 18:46	WG1288321
Dimethyl phthalate	U		0.00596	0.368	1	05/30/2019 18:46	WG1288321
Di-n-octyl phthalate	U		0.0100	0.368	1	05/30/2019 18:46	WG1288321
Pyrene	U		0.0136	0.0368	1	05/30/2019 18:46	WG1288321
1,2,4-Trichlorobenzene	U		0.00968	0.368	1	05/30/2019 18:46	WG1288321
4-Chloro-3-methylphenol	U		0.00527	0.368	1	05/30/2019 18:46	WG1288321
2-Chlorophenol	U		0.00918	0.368	1	05/30/2019 18:46	WG1288321
2,4-Dichlorophenol	U		0.00824	0.368	1	05/30/2019 18:46	WG1288321
2,4-Dimethylphenol	U		0.0520	0.368	1	05/30/2019 18:46	WG1288321
4,6-Dinitro-2-methylphenol	U		0.137	0.368	1	05/30/2019 18:46	WG1288321
2,4-Dinitrophenol	U		0.108	0.368	1	05/30/2019 18:46	WG1288321
2-Nitrophenol	U		0.0144	0.368	1	05/30/2019 18:46	WG1288321
4-Nitrophenol	U		0.0580	0.368	1	05/30/2019 18:46	WG1288321
Pentachlorophenol	U		0.0530	0.368	1	05/30/2019 18:46	WG1288321
Phenol	U		0.00768	0.368	1	05/30/2019 18:46	WG1288321
2,4,6-Trichlorophenol	U		0.00860	0.368	1	05/30/2019 18:46	WG1288321
(S) 2-Fluorophenol	*81.6*			*12.0-120*		*05/30/2019 18:46*	WG1288321
(S) Phenol-d5	*70.6*			*10.0-120*		*05/30/2019 18:46*	WG1288321
(S) Nitrobenzene-d5	*61.3*			*10.0-122*		*05/30/2019 18:46*	WG1288321
(S) 2-Fluorobiphenyl	*68.1*			*15.0-120*		*05/30/2019 18:46*	WG1288321
(S) 2,4,6-Tribromophenol	*66.5*			*10.0-127*		*05/30/2019 18:46*	WG1288321
(S) p-Terphenyl-d14	*77.0*			*10.0-120*		*05/30/2019 18:46*	WG1288321

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.6		1	05/30/2019 17:41	WG1288611

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00158	0.0234	1	06/02/2019 11:40	WG1288705
Alpha BHC	U		0.00159	0.0234	1	06/02/2019 11:40	WG1288705
Beta BHC	U		0.00187	0.0234	1	06/02/2019 11:40	WG1288705
Delta BHC	U		0.00167	0.0234	1	06/02/2019 11:40	WG1288705
Gamma BHC	U		0.00169	0.0234	1	06/02/2019 11:40	WG1288705
Chlordane	U		0.0456	0.234	1	06/02/2019 11:40	WG1288705
4,4-DDD	U		0.00182	0.0234	1	06/02/2019 11:40	WG1288705
4,4-DDE	U		0.00180	0.0234	1	06/02/2019 11:40	WG1288705
4,4-DDT	U		0.00234	0.0234	1	06/02/2019 11:40	WG1288705
Dieldrin	U		0.00178	0.0234	1	06/02/2019 11:40	WG1288705
Endosulfan I	U		0.00174	0.0234	1	06/02/2019 11:40	WG1288705
Endosulfan II	U		0.00187	0.0234	1	06/02/2019 11:40	WG1288705
Endosulfan sulfate	U		0.00176	0.0234	1	06/02/2019 11:40	WG1288705
Endrin	U		0.00183	0.0234	1	06/02/2019 11:40	WG1288705
Endrin aldehyde	U		0.00151	0.0234	1	06/02/2019 11:40	WG1288705
Endrin ketone	U		0.00193	0.0234	1	06/02/2019 11:40	WG1288705
Hexachlorobenzene	U		0.00145	0.0234	1	06/02/2019 11:40	WG1288705
Heptachlor	U		0.00180	0.0234	1	06/02/2019 11:40	WG1288705
Heptachlor epoxide	U		0.00188	0.0234	1	06/02/2019 11:40	WG1288705
Methoxychlor	U		0.00208	0.0234	1	06/02/2019 11:40	WG1288705
Toxaphene	U		0.0421	0.467	1	06/02/2019 11:40	WG1288705
(S) Decachlorobiphenyl	*62.0*			*10.0-135*		*06/02/2019 11:40*	WG1288705
(S) Tetrachloro-m-xylene	*73.6*			*10.0-139*		*06/02/2019 11:40*	WG1288705

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00750	0.0389	1	05/30/2019 19:37	WG1288322
Acenaphthylene	U		0.00784	0.0389	1	05/30/2019 19:37	WG1288322
Anthracene	U		0.00739	0.0389	1	05/30/2019 19:37	WG1288322
Benzidine	U		0.0744	0.389	1	05/30/2019 19:37	WG1288322
Benzo(a)anthracene	U		0.00500	0.0389	1	05/30/2019 19:37	WG1288322
Benzo(b)fluoranthene	U		0.00812	0.0389	1	05/30/2019 19:37	WG1288322
Benzo(k)fluoranthene	U		0.00680	0.0389	1	05/30/2019 19:37	WG1288322
Benzo(g,h,i)perylene	U		0.00843	0.0389	1	05/30/2019 19:37	WG1288322
Benzo(a)pyrene	U		0.00640	0.0389	1	05/30/2019 19:37	WG1288322
Bis(2-chlorethoxy)methane	U		0.00900	0.389	1	05/30/2019 19:37	WG1288322
Bis(2-chloroethyl)ether	U		0.0105	0.389	1	05/30/2019 19:37	WG1288322
Bis(2-chloroisopropyl)ether	U		0.00888	0.389	1	05/30/2019 19:37	WG1288322
4-Bromophenyl-phenylether	U		0.0133	0.389	1	05/30/2019 19:37	WG1288322
2-Chloronaphthalene	U		0.00747	0.0389	1	05/30/2019 19:37	WG1288322
4-Chlorophenyl-phenylether	U		0.00733	0.389	1	05/30/2019 19:37	WG1288322
Chrysene	U		0.00649	0.0389	1	05/30/2019 19:37	WG1288322
Dibenz(a,h)anthracene	U		0.00959	0.0389	1	05/30/2019 19:37	WG1288322
3,3-Dichlorobenzidine	U		0.0928	0.389	1	05/30/2019 19:37	WG1288322
2,4-Dinitrotoluene	U		0.00709	0.389	1	05/30/2019 19:37	WG1288322
2,6-Dinitrotoluene	U		0.00861	0.389	1	05/30/2019 19:37	WG1288322
Fluoranthene	U		0.00580	0.0389	1	05/30/2019 19:37	WG1288322
Fluorene	U		0.00797	0.0389	1	05/30/2019 19:37	WG1288322
Hexachlorobenzene	U		0.0100	0.389	1	05/30/2019 19:37	WG1288322

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0117	0.389	1	05/30/2019 19:37	WG1288322
Hexachlorocyclopentadiene	U	J0	0.0686	0.389	1	05/30/2019 19:37	WG1288322
Hexachloroethane	U		0.0157	0.389	1	05/30/2019 19:37	WG1288322
Indeno(1,2,3-cd)pyrene	U		0.00902	0.0389	1	05/30/2019 19:37	WG1288322
Isophorone	U		0.00610	0.389	1	05/30/2019 19:37	WG1288322
Naphthalene	U		0.0104	0.0389	1	05/30/2019 19:37	WG1288322
Nitrobenzene	U		0.00812	0.389	1	05/30/2019 19:37	WG1288322
n-Nitrosodimethylamine	U		0.0756	0.389	1	05/30/2019 19:37	WG1288322
n-Nitrosodiphenylamine	U		0.105	0.389	1	05/30/2019 19:37	WG1288322
n-Nitrosodi-n-propylamine	U		0.0106	0.389	1	05/30/2019 19:37	WG1288322
Phenanthrene	U		0.00617	0.0389	1	05/30/2019 19:37	WG1288322
Benzylbutyl phthalate	U		0.0120	0.389	1	05/30/2019 19:37	WG1288322
Bis(2-ethylhexyl)phthalate	U		0.0140	0.389	1	05/30/2019 19:37	WG1288322
Di-n-butyl phthalate	U		0.0127	0.389	1	05/30/2019 19:37	WG1288322
Diethyl phthalate	U		0.00808	0.389	1	05/30/2019 19:37	WG1288322
Dimethyl phthalate	U		0.00631	0.389	1	05/30/2019 19:37	WG1288322
Di-n-octyl phthalate	U		0.0106	0.389	1	05/30/2019 19:37	WG1288322
Pyrene	U		0.0144	0.0389	1	05/30/2019 19:37	WG1288322
1,2,4-Trichlorobenzene	U		0.0102	0.389	1	05/30/2019 19:37	WG1288322
4-Chloro-3-methylphenol	U		0.00557	0.389	1	05/30/2019 19:37	WG1288322
2-Chlorophenol	U		0.00971	0.389	1	05/30/2019 19:37	WG1288322
2,4-Dichlorophenol	U		0.00872	0.389	1	05/30/2019 19:37	WG1288322
2,4-Dimethylphenol	U	J0	0.0550	0.389	1	05/30/2019 19:37	WG1288322
4,6-Dinitro-2-methylphenol	U		0.145	0.389	1	05/30/2019 19:37	WG1288322
2,4-Dinitrophenol	U		0.115	0.389	1	05/30/2019 19:37	WG1288322
2-Nitrophenol	U		0.0152	0.389	1	05/30/2019 19:37	WG1288322
4-Nitrophenol	U		0.0614	0.389	1	05/30/2019 19:37	WG1288322
Pentachlorophenol	U		0.0561	0.389	1	05/30/2019 19:37	WG1288322
Phenol	U		0.00812	0.389	1	05/30/2019 19:37	WG1288322
2,4,6-Trichlorophenol	U		0.00910	0.389	1	05/30/2019 19:37	WG1288322
(S) 2-Fluorophenol	*84.4*			*12.0-120*		*05/30/2019 19:37*	WG1288322
(S) Phenol-d5	*72.7*			*10.0-120*		*05/30/2019 19:37*	WG1288322
(S) Nitrobenzene-d5	*70.0*			*10.0-122*		*05/30/2019 19:37*	WG1288322
(S) 2-Fluorobiphenyl	*71.5*			*15.0-120*		*05/30/2019 19:37*	WG1288322
(S) 2,4,6-Tribromophenol	*74.5*			*10.0-127*		*05/30/2019 19:37*	WG1288322
(S) p-Terphenyl-d14	*80.6*			*10.0-120*		*05/30/2019 19:37*	WG1288322

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.2		1	06/03/2019 11:01	WG1290121

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00158	0.0235	1	06/02/2019 11:55	WG1288705
Alpha BHC	U		0.00160	0.0235	1	06/02/2019 11:55	WG1288705
Beta BHC	U		0.00188	0.0235	1	06/02/2019 11:55	WG1288705
Delta BHC	U		0.00168	0.0235	1	06/02/2019 11:55	WG1288705
Gamma BHC	U		0.00170	0.0235	1	06/02/2019 11:55	WG1288705
Chlordane	U		0.0458	0.235	1	06/02/2019 11:55	WG1288705
4,4-DDD	U		0.00183	0.0235	1	06/02/2019 11:55	WG1288705
4,4-DDE	U		0.00181	0.0235	1	06/02/2019 11:55	WG1288705
4,4-DDT	U		0.00235	0.0235	1	06/02/2019 11:55	WG1288705
Dieldrin	U		0.00178	0.0235	1	06/02/2019 11:55	WG1288705
Endosulfan I	U		0.00175	0.0235	1	06/02/2019 11:55	WG1288705
Endosulfan II	U		0.00188	0.0235	1	06/02/2019 11:55	WG1288705
Endosulfan sulfate	U		0.00177	0.0235	1	06/02/2019 11:55	WG1288705
Endrin	U		0.00184	0.0235	1	06/02/2019 11:55	WG1288705
Endrin aldehyde	U		0.00151	0.0235	1	06/02/2019 11:55	WG1288705
Endrin ketone	U		0.00194	0.0235	1	06/02/2019 11:55	WG1288705
Hexachlorobenzene	U		0.00145	0.0235	1	06/02/2019 11:55	WG1288705
Heptachlor	U		0.00181	0.0235	1	06/02/2019 11:55	WG1288705
Heptachlor epoxide	U		0.00189	0.0235	1	06/02/2019 11:55	WG1288705
Methoxychlor	U		0.00209	0.0235	1	06/02/2019 11:55	WG1288705
Toxaphene	U		0.0422	0.469	1	06/02/2019 11:55	WG1288705
(S) Decachlorobiphenyl	*72.8*			*10.0-135*		*06/02/2019 11:55*	WG1288705
(S) Tetrachloro-m-xylene	*76.7*			*10.0-139*		*06/02/2019 11:55*	WG1288705

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00753	0.0391	1	05/30/2019 18:39	WG1288322
Acenaphthylene	U		0.00787	0.0391	1	05/30/2019 18:39	WG1288322
Anthracene	U		0.00742	0.0391	1	05/30/2019 18:39	WG1288322
Benzidine	U		0.0747	0.391	1	05/30/2019 18:39	WG1288322
Benzo(a)anthracene	U		0.00502	0.0391	1	05/30/2019 18:39	WG1288322
Benzo(b)fluoranthene	U		0.00816	0.0391	1	05/30/2019 18:39	WG1288322
Benzo(k)fluoranthene	U		0.00683	0.0391	1	05/30/2019 18:39	WG1288322
Benzo(g,h,i)perylene	U		0.00846	0.0391	1	05/30/2019 18:39	WG1288322
Benzo(a)pyrene	U		0.00643	0.0391	1	05/30/2019 18:39	WG1288322
Bis(2-chlorethoxy)methane	U		0.00904	0.391	1	05/30/2019 18:39	WG1288322
Bis(2-chloroethyl)ether	U		0.0105	0.391	1	05/30/2019 18:39	WG1288322
Bis(2-chloroisopropyl)ether	U		0.00892	0.391	1	05/30/2019 18:39	WG1288322
4-Bromophenyl-phenylether	U		0.0134	0.391	1	05/30/2019 18:39	WG1288322
2-Chloronaphthalene	U		0.00750	0.0391	1	05/30/2019 18:39	WG1288322
4-Chlorophenyl-phenylether	U		0.00736	0.391	1	05/30/2019 18:39	WG1288322
Chrysene	U		0.00651	0.0391	1	05/30/2019 18:39	WG1288322
Dibenz(a,h)anthracene	U		0.00963	0.0391	1	05/30/2019 18:39	WG1288322
3,3-Dichlorobenzidine	U		0.0932	0.391	1	05/30/2019 18:39	WG1288322
2,4-Dinitrotoluene	U		0.00712	0.391	1	05/30/2019 18:39	WG1288322
2,6-Dinitrotoluene	U		0.00865	0.391	1	05/30/2019 18:39	WG1288322
Fluoranthene	U		0.00582	0.0391	1	05/30/2019 18:39	WG1288322
Fluorene	U		0.00800	0.0391	1	05/30/2019 18:39	WG1288322
Hexachlorobenzene	U		0.0100	0.391	1	05/30/2019 18:39	WG1288322

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0117	0.391	1	05/30/2019 18:39	WG1288322
Hexachlorocyclopentadiene	U	J0	0.0689	0.391	1	05/30/2019 18:39	WG1288322
Hexachloroethane	U		0.0157	0.391	1	05/30/2019 18:39	WG1288322
Indeno(1,2,3-cd)pyrene	U		0.00906	0.0391	1	05/30/2019 18:39	WG1288322
Isophorone	U		0.00613	0.391	1	05/30/2019 18:39	WG1288322
Naphthalene	U		0.0104	0.0391	1	05/30/2019 18:39	WG1288322
Nitrobenzene	U		0.00816	0.391	1	05/30/2019 18:39	WG1288322
n-Nitrosodimethylamine	U		0.0759	0.391	1	05/30/2019 18:39	WG1288322
n-Nitrosodiphenylamine	U		0.106	0.391	1	05/30/2019 18:39	WG1288322
n-Nitrosodi-n-propylamine	U		0.0106	0.391	1	05/30/2019 18:39	WG1288322
Phenanthrene	U		0.00620	0.0391	1	05/30/2019 18:39	WG1288322
Benzylbutyl phthalate	U		0.0121	0.391	1	05/30/2019 18:39	WG1288322
Bis(2-ethylhexyl)phthalate	U		0.0141	0.391	1	05/30/2019 18:39	WG1288322
Di-n-butyl phthalate	U		0.0128	0.391	1	05/30/2019 18:39	WG1288322
Diethyl phthalate	U		0.00811	0.391	1	05/30/2019 18:39	WG1288322
Dimethyl phthalate	U		0.00634	0.391	1	05/30/2019 18:39	WG1288322
Di-n-octyl phthalate	U		0.0106	0.391	1	05/30/2019 18:39	WG1288322
Pyrene	U		0.0144	0.0391	1	05/30/2019 18:39	WG1288322
1,2,4-Trichlorobenzene	U		0.0103	0.391	1	05/30/2019 18:39	WG1288322
4-Chloro-3-methylphenol	U		0.00560	0.391	1	05/30/2019 18:39	WG1288322
2-Chlorophenol	U		0.00975	0.391	1	05/30/2019 18:39	WG1288322
2,4-Dichlorophenol	U		0.00875	0.391	1	05/30/2019 18:39	WG1288322
2,4-Dimethylphenol	U	J0	0.0553	0.391	1	05/30/2019 18:39	WG1288322
4,6-Dinitro-2-methylphenol	U		0.145	0.391	1	05/30/2019 18:39	WG1288322
2,4-Dinitrophenol	U		0.115	0.391	1	05/30/2019 18:39	WG1288322
2-Nitrophenol	U		0.0153	0.391	1	05/30/2019 18:39	WG1288322
4-Nitrophenol	U		0.0616	0.391	1	05/30/2019 18:39	WG1288322
Pentachlorophenol	U		0.0563	0.391	1	05/30/2019 18:39	WG1288322
Phenol	U		0.00816	0.391	1	05/30/2019 18:39	WG1288322
2,4,6-Trichlorophenol	U		0.00914	0.391	1	05/30/2019 18:39	WG1288322
(S) 2-Fluorophenol	*92.6*			*12.0-120*		*05/30/2019 18:39*	WG1288322
(S) Phenol-d5	*80.9*			*10.0-120*		*05/30/2019 18:39*	WG1288322
(S) Nitrobenzene-d5	*76.9*			*10.0-122*		*05/30/2019 18:39*	WG1288322
(S) 2-Fluorobiphenyl	*78.5*			*15.0-120*		*05/30/2019 18:39*	WG1288322
(S) 2,4,6-Tribromophenol	*81.3*			*10.0-127*		*05/30/2019 18:39*	WG1288322
(S) p-Terphenyl-d14	*88.0*			*10.0-120*		*05/30/2019 18:39*	WG1288322

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.5		1	05/30/2019 17:30	WG1288613

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00164	0.0242	1	06/02/2019 12:10	WG1288705
Alpha BHC	U		0.00165	0.0242	1	06/02/2019 12:10	WG1288705
Beta BHC	U		0.00194	0.0242	1	06/02/2019 12:10	WG1288705
Delta BHC	U		0.00173	0.0242	1	06/02/2019 12:10	WG1288705
Gamma BHC	U		0.00176	0.0242	1	06/02/2019 12:10	WG1288705
Chlordane	U		0.0473	0.242	1	06/02/2019 12:10	WG1288705
4,4-DDD	U		0.00189	0.0242	1	06/02/2019 12:10	WG1288705
4,4-DDE	U		0.00187	0.0242	1	06/02/2019 12:10	WG1288705
4,4-DDT	U		0.00242	0.0242	1	06/02/2019 12:10	WG1288705
Dieldrin	U		0.00184	0.0242	1	06/02/2019 12:10	WG1288705
Endosulfan I	U		0.00181	0.0242	1	06/02/2019 12:10	WG1288705
Endosulfan II	U		0.00194	0.0242	1	06/02/2019 12:10	WG1288705
Endosulfan sulfate	U		0.00183	0.0242	1	06/02/2019 12:10	WG1288705
Endrin	U		0.00190	0.0242	1	06/02/2019 12:10	WG1288705
Endrin aldehyde	U		0.00156	0.0242	1	06/02/2019 12:10	WG1288705
Endrin ketone	U		0.00200	0.0242	1	06/02/2019 12:10	WG1288705
Hexachlorobenzene	U		0.00150	0.0242	1	06/02/2019 12:10	WG1288705
Heptachlor	U		0.00187	0.0242	1	06/02/2019 12:10	WG1288705
Heptachlor epoxide	U		0.00195	0.0242	1	06/02/2019 12:10	WG1288705
Methoxychlor	U		0.00216	0.0242	1	06/02/2019 12:10	WG1288705
Toxaphene	U		0.0436	0.485	1	06/02/2019 12:10	WG1288705
(S) Decachlorobiphenyl	*81.2*			*10.0-135*		*06/02/2019 12:10*	WG1288705
(S) Tetrachloro-m-xylene	*83.1*			*10.0-139*		*06/02/2019 12:10*	WG1288705

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00778	0.0404	1	05/30/2019 17:01	WG1288322
Acenaphthylene	U		0.00813	0.0404	1	05/30/2019 17:01	WG1288322
Anthracene	U		0.00766	0.0404	1	05/30/2019 17:01	WG1288322
Benzidine	U		0.0772	0.404	1	05/30/2019 17:01	WG1288322
Benzo(a)anthracene	U		0.00519	0.0404	1	05/30/2019 17:01	WG1288322
Benzo(b)fluoranthene	U		0.00842	0.0404	1	05/30/2019 17:01	WG1288322
Benzo(k)fluoranthene	U		0.00705	0.0404	1	05/30/2019 17:01	WG1288322
Benzo(g,h,i)perylene	U		0.00874	0.0404	1	05/30/2019 17:01	WG1288322
Benzo(a)pyrene	U		0.00664	0.0404	1	05/30/2019 17:01	WG1288322
Bis(2-chlorethoxy)methane	U		0.00933	0.404	1	05/30/2019 17:01	WG1288322
Bis(2-chloroethyl)ether	U		0.0109	0.404	1	05/30/2019 17:01	WG1288322
Bis(2-chloroisopropyl)ether	U		0.00921	0.404	1	05/30/2019 17:01	WG1288322
4-Bromophenyl-phenylether	U		0.0138	0.404	1	05/30/2019 17:01	WG1288322
2-Chloronaphthalene	U		0.00775	0.0404	1	05/30/2019 17:01	WG1288322
4-Chlorophenyl-phenylether	U		0.00760	0.404	1	05/30/2019 17:01	WG1288322
Chrysene	U		0.00673	0.0404	1	05/30/2019 17:01	WG1288322
Dibenz(a,h)anthracene	U		0.00995	0.0404	1	05/30/2019 17:01	WG1288322
3,3-Dichlorobenzidine	U		0.0962	0.404	1	05/30/2019 17:01	WG1288322
2,4-Dinitrotoluene	U		0.00736	0.404	1	05/30/2019 17:01	WG1288322
2,6-Dinitrotoluene	U		0.00893	0.404	1	05/30/2019 17:01	WG1288322
Fluoranthene	U		0.00601	0.0404	1	05/30/2019 17:01	WG1288322
Fluorene	U		0.00827	0.0404	1	05/30/2019 17:01	WG1288322
Hexachlorobenzene	U		0.0104	0.404	1	05/30/2019 17:01	WG1288322

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0121	0.404	1	05/30/2019 17:01	WG1288322
Hexachlorocyclopentadiene	U	J0	0.0712	0.404	1	05/30/2019 17:01	WG1288322
Hexachloroethane	U		0.0162	0.404	1	05/30/2019 17:01	WG1288322
Indeno(1,2,3-cd)pyrene	U		0.00936	0.0404	1	05/30/2019 17:01	WG1288322
Isophorone	U		0.00633	0.404	1	05/30/2019 17:01	WG1288322
Naphthalene	U		0.0108	0.0404	1	05/30/2019 17:01	WG1288322
Nitrobenzene	U		0.00842	0.404	1	05/30/2019 17:01	WG1288322
n-Nitrosodimethylamine	U		0.0784	0.404	1	05/30/2019 17:01	WG1288322
n-Nitrosodiphenylamine	U		0.109	0.404	1	05/30/2019 17:01	WG1288322
n-Nitrosodi-n-propylamine	U		0.0110	0.404	1	05/30/2019 17:01	WG1288322
Phenanthrene	U		0.00640	0.0404	1	05/30/2019 17:01	WG1288322
Benzylbutyl phthalate	U		0.0125	0.404	1	05/30/2019 17:01	WG1288322
Bis(2-ethylhexyl)phthalate	U		0.0145	0.404	1	05/30/2019 17:01	WG1288322
Di-n-butyl phthalate	U		0.0132	0.404	1	05/30/2019 17:01	WG1288322
Diethyl phthalate	U		0.00838	0.404	1	05/30/2019 17:01	WG1288322
Dimethyl phthalate	U		0.00655	0.404	1	05/30/2019 17:01	WG1288322
Di-n-octyl phthalate	U		0.0110	0.404	1	05/30/2019 17:01	WG1288322
Pyrene	U		0.0149	0.0404	1	05/30/2019 17:01	WG1288322
1,2,4-Trichlorobenzene	U		0.0106	0.404	1	05/30/2019 17:01	WG1288322
4-Chloro-3-methylphenol	U		0.00578	0.404	1	05/30/2019 17:01	WG1288322
2-Chlorophenol	U		0.0101	0.404	1	05/30/2019 17:01	WG1288322
2,4-Dichlorophenol	U		0.00904	0.404	1	05/30/2019 17:01	WG1288322
2,4-Dimethylphenol	U	J0	0.0571	0.404	1	05/30/2019 17:01	WG1288322
4,6-Dinitro-2-methylphenol	U		0.150	0.404	1	05/30/2019 17:01	WG1288322
2,4-Dinitrophenol	U		0.119	0.404	1	05/30/2019 17:01	WG1288322
2-Nitrophenol	U		0.0158	0.404	1	05/30/2019 17:01	WG1288322
4-Nitrophenol	U		0.0636	0.404	1	05/30/2019 17:01	WG1288322
Pentachlorophenol	U		0.0582	0.404	1	05/30/2019 17:01	WG1288322
Phenol	U		0.00842	0.404	1	05/30/2019 17:01	WG1288322
2,4,6-Trichlorophenol	U		0.00944	0.404	1	05/30/2019 17:01	WG1288322
(S) 2-Fluorophenol	*75.4*			*12.0-120*		*05/30/2019 17:01*	WG1288322
(S) Phenol-d5	*66.8*			*10.0-120*		*05/30/2019 17:01*	WG1288322
(S) Nitrobenzene-d5	*62.1*			*10.0-122*		*05/30/2019 17:01*	WG1288322
(S) 2-Fluorobiphenyl	*66.5*			*15.0-120*		*05/30/2019 17:01*	WG1288322
(S) 2,4,6-Tribromophenol	*71.2*			*10.0-127*		*05/30/2019 17:01*	WG1288322
(S) p-Terphenyl-d14	*81.5*			*10.0-120*		*05/30/2019 17:01*	WG1288322

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.9		1	05/30/2019 17:30	WG1288613

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00157	0.0233	1	06/02/2019 12:54	WG1288705
Alpha BHC	U		0.00158	0.0233	1	06/02/2019 12:54	WG1288705
Beta BHC	U		0.00186	0.0233	1	06/02/2019 12:54	WG1288705
Delta BHC	U		0.00166	0.0233	1	06/02/2019 12:54	WG1288705
Gamma BHC	U		0.00169	0.0233	1	06/02/2019 12:54	WG1288705
Chlordane	U		0.0454	0.233	1	06/02/2019 12:54	WG1288705
4,4-DDD	U		0.00182	0.0233	1	06/02/2019 12:54	WG1288705
4,4-DDE	U		0.00179	0.0233	1	06/02/2019 12:54	WG1288705
4,4-DDT	U		0.00233	0.0233	1	06/02/2019 12:54	WG1288705
Dieldrin	U		0.00177	0.0233	1	06/02/2019 12:54	WG1288705
Endosulfan I	U		0.00173	0.0233	1	06/02/2019 12:54	WG1288705
Endosulfan II	U		0.00186	0.0233	1	06/02/2019 12:54	WG1288705
Endosulfan sulfate	U		0.00176	0.0233	1	06/02/2019 12:54	WG1288705
Endrin	U		0.00183	0.0233	1	06/02/2019 12:54	WG1288705
Endrin aldehyde	U		0.00150	0.0233	1	06/02/2019 12:54	WG1288705
Endrin ketone	U		0.00192	0.0233	1	06/02/2019 12:54	WG1288705
Hexachlorobenzene	U		0.00144	0.0233	1	06/02/2019 12:54	WG1288705
Heptachlor	U		0.00179	0.0233	1	06/02/2019 12:54	WG1288705
Heptachlor epoxide	U		0.00187	0.0233	1	06/02/2019 12:54	WG1288705
Methoxychlor	U		0.00207	0.0233	1	06/02/2019 12:54	WG1288705
Toxaphene	U		0.0419	0.466	1	06/02/2019 12:54	WG1288705
(S) Decachlorobiphenyl	*59.3*			*10.0-135*		*06/02/2019 12:54*	WG1288705
(S) Tetrachloro-m-xylene	*70.4*			*10.0-139*		*06/02/2019 12:54*	WG1288705

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00747	0.0388	1	05/30/2019 20:16	WG1288322
Acenaphthylene	U		0.00781	0.0388	1	05/30/2019 20:16	WG1288322
Anthracene	U		0.00736	0.0388	1	05/30/2019 20:16	WG1288322
Benzidine	U		0.0741	0.388	1	05/30/2019 20:16	WG1288322
Benzo(a)anthracene	U		0.00498	0.0388	1	05/30/2019 20:16	WG1288322
Benzo(b)fluoranthene	U		0.00809	0.0388	1	05/30/2019 20:16	WG1288322
Benzo(k)fluoranthene	U		0.00677	0.0388	1	05/30/2019 20:16	WG1288322
Benzo(g,h,i)perylene	U		0.00839	0.0388	1	05/30/2019 20:16	WG1288322
Benzo(a)pyrene	U		0.00638	0.0388	1	05/30/2019 20:16	WG1288322
Bis(2-chlorethoxy)methane	U		0.00896	0.388	1	05/30/2019 20:16	WG1288322
Bis(2-chloroethyl)ether	U		0.0104	0.388	1	05/30/2019 20:16	WG1288322
Bis(2-chloroisopropyl)ether	U		0.00885	0.388	1	05/30/2019 20:16	WG1288322
4-Bromophenyl-phenylether	U		0.0133	0.388	1	05/30/2019 20:16	WG1288322
2-Chloronaphthalene	U		0.00744	0.0388	1	05/30/2019 20:16	WG1288322
4-Chlorophenyl-phenylether	U		0.00730	0.388	1	05/30/2019 20:16	WG1288322
Chrysene	U		0.00646	0.0388	1	05/30/2019 20:16	WG1288322
Dibenz(a,h)anthracene	U		0.00956	0.0388	1	05/30/2019 20:16	WG1288322
3,3-Dichlorobenzidine	U		0.0924	0.388	1	05/30/2019 20:16	WG1288322
2,4-Dinitrotoluene	U		0.00706	0.388	1	05/30/2019 20:16	WG1288322
2,6-Dinitrotoluene	U		0.00858	0.388	1	05/30/2019 20:16	WG1288322
Fluoranthene	U		0.00577	0.0388	1	05/30/2019 20:16	WG1288322
Fluorene	U		0.00794	0.0388	1	05/30/2019 20:16	WG1288322
Hexachlorobenzene	U		0.00996	0.388	1	05/30/2019 20:16	WG1288322

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0116	0.388	1	05/30/2019 20:16	WG1288322
Hexachlorocyclopentadiene	U	J0	0.0683	0.388	1	05/30/2019 20:16	WG1288322
Hexachloroethane	U		0.0156	0.388	1	05/30/2019 20:16	WG1288322
Indeno(1,2,3-cd)pyrene	U		0.00899	0.0388	1	05/30/2019 20:16	WG1288322
Isophorone	U		0.00608	0.388	1	05/30/2019 20:16	WG1288322
Naphthalene	U		0.0103	0.0388	1	05/30/2019 20:16	WG1288322
Nitrobenzene	U		0.00809	0.388	1	05/30/2019 20:16	WG1288322
n-Nitrosodimethylamine	U		0.0753	0.388	1	05/30/2019 20:16	WG1288322
n-Nitrosodiphenylamine	U		0.105	0.388	1	05/30/2019 20:16	WG1288322
n-Nitrosodi-n-propylamine	U		0.0105	0.388	1	05/30/2019 20:16	WG1288322
Phenanthrene	U		0.00615	0.0388	1	05/30/2019 20:16	WG1288322
Benzylbutyl phthalate	U		0.0120	0.388	1	05/30/2019 20:16	WG1288322
Bis(2-ethylhexyl)phthalate	U		0.0140	0.388	1	05/30/2019 20:16	WG1288322
Di-n-butyl phthalate	U		0.0127	0.388	1	05/30/2019 20:16	WG1288322
Diethyl phthalate	U		0.00804	0.388	1	05/30/2019 20:16	WG1288322
Dimethyl phthalate	U		0.00629	0.388	1	05/30/2019 20:16	WG1288322
Di-n-octyl phthalate	U		0.0106	0.388	1	05/30/2019 20:16	WG1288322
Pyrene	U		0.0143	0.0388	1	05/30/2019 20:16	WG1288322
1,2,4-Trichlorobenzene	U		0.0102	0.388	1	05/30/2019 20:16	WG1288322
4-Chloro-3-methylphenol	U		0.00555	0.388	1	05/30/2019 20:16	WG1288322
2-Chlorophenol	U		0.00967	0.388	1	05/30/2019 20:16	WG1288322
2,4-Dichlorophenol	U		0.00868	0.388	1	05/30/2019 20:16	WG1288322
2,4-Dimethylphenol	U	J0	0.0548	0.388	1	05/30/2019 20:16	WG1288322
4,6-Dinitro-2-methylphenol	U		0.144	0.388	1	05/30/2019 20:16	WG1288322
2,4-Dinitrophenol	U		0.114	0.388	1	05/30/2019 20:16	WG1288322
2-Nitrophenol	U		0.0151	0.388	1	05/30/2019 20:16	WG1288322
4-Nitrophenol	U		0.0611	0.388	1	05/30/2019 20:16	WG1288322
Pentachlorophenol	U		0.0559	0.388	1	05/30/2019 20:16	WG1288322
Phenol	U		0.00809	0.388	1	05/30/2019 20:16	WG1288322
2,4,6-Trichlorophenol	U		0.00907	0.388	1	05/30/2019 20:16	WG1288322
(S) 2-Fluorophenol	*85.6*			*12.0-120*		*05/30/2019 20:16*	WG1288322
(S) Phenol-d5	*74.9*			*10.0-120*		*05/30/2019 20:16*	WG1288322
(S) Nitrobenzene-d5	*71.0*			*10.0-122*		*05/30/2019 20:16*	WG1288322
(S) 2-Fluorobiphenyl	*74.1*			*15.0-120*		*05/30/2019 20:16*	WG1288322
(S) 2,4,6-Tribromophenol	*79.2*			*10.0-127*		*05/30/2019 20:16*	WG1288322
(S) p-Terphenyl-d14	*82.0*			*10.0-120*		*05/30/2019 20:16*	WG1288322

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.1		1	05/30/2019 17:30	WG1288613

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00161	0.0238	1	06/02/2019 13:09	WG1288705
Alpha BHC	U		0.00162	0.0238	1	06/02/2019 13:09	WG1288705
Beta BHC	U		0.00190	0.0238	1	06/02/2019 13:09	WG1288705
Delta BHC	U		0.00170	0.0238	1	06/02/2019 13:09	WG1288705
Gamma BHC	U		0.00172	0.0238	1	06/02/2019 13:09	WG1288705
Chlordane	U		0.0464	0.238	1	06/02/2019 13:09	WG1288705
4,4-DDD	U		0.00186	0.0238	1	06/02/2019 13:09	WG1288705
4,4-DDE	U		0.00183	0.0238	1	06/02/2019 13:09	WG1288705
4,4-DDT	U		0.00238	0.0238	1	06/02/2019 13:09	WG1288705
Dieldrin	U		0.00181	0.0238	1	06/02/2019 13:09	WG1288705
Endosulfan I	U		0.00177	0.0238	1	06/02/2019 13:09	WG1288705
Endosulfan II	U		0.00190	0.0238	1	06/02/2019 13:09	WG1288705
Endosulfan sulfate	U		0.00180	0.0238	1	06/02/2019 13:09	WG1288705
Endrin	U		0.00187	0.0238	1	06/02/2019 13:09	WG1288705
Endrin aldehyde	U		0.00153	0.0238	1	06/02/2019 13:09	WG1288705
Endrin ketone	U		0.00196	0.0238	1	06/02/2019 13:09	WG1288705
Hexachlorobenzene	U		0.00148	0.0238	1	06/02/2019 13:09	WG1288705
Heptachlor	U		0.00183	0.0238	1	06/02/2019 13:09	WG1288705
Heptachlor epoxide	U		0.00192	0.0238	1	06/02/2019 13:09	WG1288705
Methoxychlor	U		0.00212	0.0238	1	06/02/2019 13:09	WG1288705
Toxaphene	U		0.0428	0.476	1	06/02/2019 13:09	WG1288705
(S) Decachlorobiphenyl	*62.2*			*10.0-135*		*06/02/2019 13:09*	WG1288705
(S) Tetrachloro-m-xylene	*67.4*			*10.0-139*		*06/02/2019 13:09*	WG1288705

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00764	0.0396	1	05/30/2019 16:22	WG1288322
Acenaphthylene	U		0.00798	0.0396	1	05/30/2019 16:22	WG1288322
Anthracene	U		0.00752	0.0396	1	05/30/2019 16:22	WG1288322
Benzidine	U		0.0758	0.396	1	05/30/2019 16:22	WG1288322
Benzo(a)anthracene	U		0.00509	0.0396	1	05/30/2019 16:22	WG1288322
Benzo(b)fluoranthene	U		0.00827	0.0396	1	05/30/2019 16:22	WG1288322
Benzo(k)fluoranthene	U		0.00692	0.0396	1	05/30/2019 16:22	WG1288322
Benzo(g,h,i)perylene	U		0.00858	0.0396	1	05/30/2019 16:22	WG1288322
Benzo(a)pyrene	U		0.00652	0.0396	1	05/30/2019 16:22	WG1288322
Bis(2-chlorethoxy)methane	U		0.00916	0.396	1	05/30/2019 16:22	WG1288322
Bis(2-chloroethyl)ether	U		0.0107	0.396	1	05/30/2019 16:22	WG1288322
Bis(2-chloroisopropyl)ether	U		0.00904	0.396	1	05/30/2019 16:22	WG1288322
4-Bromophenyl-phenylether	U		0.0136	0.396	1	05/30/2019 16:22	WG1288322
2-Chloronaphthalene	U		0.00760	0.0396	1	05/30/2019 16:22	WG1288322
4-Chlorophenyl-phenylether	U		0.00746	0.396	1	05/30/2019 16:22	WG1288322
Chrysene	U		0.00660	0.0396	1	05/30/2019 16:22	WG1288322
Dibenz(a,h)anthracene	U		0.00977	0.0396	1	05/30/2019 16:22	WG1288322
3,3-Dichlorobenzidine	U		0.0944	0.396	1	05/30/2019 16:22	WG1288322
2,4-Dinitrotoluene	U		0.00722	0.396	1	05/30/2019 16:22	WG1288322
2,6-Dinitrotoluene	U		0.00877	0.396	1	05/30/2019 16:22	WG1288322
Fluoranthene	U		0.00590	0.0396	1	05/30/2019 16:22	WG1288322
Fluorene	U		0.00811	0.0396	1	05/30/2019 16:22	WG1288322
Hexachlorobenzene	U		0.0102	0.396	1	05/30/2019 16:22	WG1288322

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0119	0.396	1	05/30/2019 16:22	WG1288322
Hexachlorocyclopentadiene	U	J0	0.0698	0.396	1	05/30/2019 16:22	WG1288322
Hexachloroethane	U		0.0159	0.396	1	05/30/2019 16:22	WG1288322
Indeno(1,2,3-cd)pyrene	U		0.00918	0.0396	1	05/30/2019 16:22	WG1288322
Isophorone	U		0.00621	0.396	1	05/30/2019 16:22	WG1288322
Naphthalene	U		0.0106	0.0396	1	05/30/2019 16:22	WG1288322
Nitrobenzene	U		0.00827	0.396	1	05/30/2019 16:22	WG1288322
n-Nitrosodimethylamine	U		0.0770	0.396	1	05/30/2019 16:22	WG1288322
n-Nitrosodiphenylamine	U		0.107	0.396	1	05/30/2019 16:22	WG1288322
n-Nitrosodi-n-propylamine	U		0.0108	0.396	1	05/30/2019 16:22	WG1288322
Phenanthrene	U		0.00628	0.0396	1	05/30/2019 16:22	WG1288322
Benzylbutyl phthalate	U		0.0123	0.396	1	05/30/2019 16:22	WG1288322
Bis(2-ethylhexyl)phthalate	U		0.0143	0.396	1	05/30/2019 16:22	WG1288322
Di-n-butyl phthalate	U		0.0130	0.396	1	05/30/2019 16:22	WG1288322
Diethyl phthalate	U		0.00822	0.396	1	05/30/2019 16:22	WG1288322
Dimethyl phthalate	U		0.00642	0.396	1	05/30/2019 16:22	WG1288322
Di-n-octyl phthalate	U		0.0108	0.396	1	05/30/2019 16:22	WG1288322
Pyrene	U		0.0146	0.0396	1	05/30/2019 16:22	WG1288322
1,2,4-Trichlorobenzene	U		0.0104	0.396	1	05/30/2019 16:22	WG1288322
4-Chloro-3-methylphenol	U		0.00567	0.396	1	05/30/2019 16:22	WG1288322
2-Chlorophenol	U		0.00989	0.396	1	05/30/2019 16:22	WG1288322
2,4-Dichlorophenol	U		0.00887	0.396	1	05/30/2019 16:22	WG1288322
2,4-Dimethylphenol	U	J0	0.0560	0.396	1	05/30/2019 16:22	WG1288322
4,6-Dinitro-2-methylphenol	U		0.148	0.396	1	05/30/2019 16:22	WG1288322
2,4-Dinitrophenol	U		0.117	0.396	1	05/30/2019 16:22	WG1288322
2-Nitrophenol	U		0.0155	0.396	1	05/30/2019 16:22	WG1288322
4-Nitrophenol	U		0.0625	0.396	1	05/30/2019 16:22	WG1288322
Pentachlorophenol	U		0.0571	0.396	1	05/30/2019 16:22	WG1288322
Phenol	U		0.00827	0.396	1	05/30/2019 16:22	WG1288322
2,4,6-Trichlorophenol	U		0.00927	0.396	1	05/30/2019 16:22	WG1288322
(S) 2-Fluorophenol	*86.1*			*12.0-120*		*05/30/2019 16:22*	WG1288322
(S) Phenol-d5	*76.7*			*10.0-120*		*05/30/2019 16:22*	WG1288322
(S) Nitrobenzene-d5	*73.5*			*10.0-122*		*05/30/2019 16:22*	WG1288322
(S) 2-Fluorobiphenyl	*77.8*			*15.0-120*		*05/30/2019 16:22*	WG1288322
(S) 2,4,6-Tribromophenol	*82.3*			*10.0-127*		*05/30/2019 16:22*	WG1288322
(S) p-Terphenyl-d14	*85.8*			*10.0-120*		*05/30/2019 16:22*	WG1288322

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.0		1	05/30/2019 17:30	WG1288613

Pesticides (GC) by Method 8081A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00159	0.0235	1	06/02/2019 13:23	WG1288705
Alpha BHC	U		0.00160	0.0235	1	06/02/2019 13:23	WG1288705
Beta BHC	U		0.00188	0.0235	1	06/02/2019 13:23	WG1288705
Delta BHC	U		0.00168	0.0235	1	06/02/2019 13:23	WG1288705
Gamma BHC	U		0.00171	0.0235	1	06/02/2019 13:23	WG1288705
Chlordane	U		0.0459	0.235	1	06/02/2019 13:23	WG1288705
4,4-DDD	U		0.00184	0.0235	1	06/02/2019 13:23	WG1288705
4,4-DDE	U		0.00181	0.0235	1	06/02/2019 13:23	WG1288705
4,4-DDT	U		0.00235	0.0235	1	06/02/2019 13:23	WG1288705
Dieldrin	U		0.00179	0.0235	1	06/02/2019 13:23	WG1288705
Endosulfan I	U		0.00175	0.0235	1	06/02/2019 13:23	WG1288705
Endosulfan II	U		0.00188	0.0235	1	06/02/2019 13:23	WG1288705
Endosulfan sulfate	U		0.00178	0.0235	1	06/02/2019 13:23	WG1288705
Endrin	U		0.00185	0.0235	1	06/02/2019 13:23	WG1288705
Endrin aldehyde	U		0.00152	0.0235	1	06/02/2019 13:23	WG1288705
Endrin ketone	U		0.00194	0.0235	1	06/02/2019 13:23	WG1288705
Hexachlorobenzene	U		0.00146	0.0235	1	06/02/2019 13:23	WG1288705
Heptachlor	U		0.00181	0.0235	1	06/02/2019 13:23	WG1288705
Heptachlor epoxide	U		0.00189	0.0235	1	06/02/2019 13:23	WG1288705
Methoxychlor	U		0.00209	0.0235	1	06/02/2019 13:23	WG1288705
Toxaphene	U		0.0424	0.471	1	06/02/2019 13:23	WG1288705
(S) Decachlorobiphenyl	*65.6*			*10.0-135*		*06/02/2019 13:23*	WG1288705
(S) Tetrachloro-m-xylene	*76.6*			*10.0-139*		*06/02/2019 13:23*	WG1288705

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	U		0.00755	0.0392	1	05/30/2019 16:42	WG1288322
Acenaphthylene	U		0.00790	0.0392	1	05/30/2019 16:42	WG1288322
Anthracene	U		0.00744	0.0392	1	05/30/2019 16:42	WG1288322
Benzidine	U		0.0750	0.392	1	05/30/2019 16:42	WG1288322
Benzo(a)anthracene	U		0.00504	0.0392	1	05/30/2019 16:42	WG1288322
Benzo(b)fluoranthene	U		0.00818	0.0392	1	05/30/2019 16:42	WG1288322
Benzo(k)fluoranthene	U		0.00685	0.0392	1	05/30/2019 16:42	WG1288322
Benzo(g,h,i)perylene	U		0.00848	0.0392	1	05/30/2019 16:42	WG1288322
Benzo(a)pyrene	U		0.00645	0.0392	1	05/30/2019 16:42	WG1288322
Bis(2-chlorethoxy)methane	U		0.00906	0.392	1	05/30/2019 16:42	WG1288322
Bis(2-chloroethyl)ether	U		0.0105	0.392	1	05/30/2019 16:42	WG1288322
Bis(2-chloroisopropyl)ether	U		0.00894	0.392	1	05/30/2019 16:42	WG1288322
4-Bromophenyl-phenylether	U		0.0134	0.392	1	05/30/2019 16:42	WG1288322
2-Chloronaphthalene	U		0.00752	0.0392	1	05/30/2019 16:42	WG1288322
4-Chlorophenyl-phenylether	U		0.00738	0.392	1	05/30/2019 16:42	WG1288322
Chrysene	U		0.00653	0.0392	1	05/30/2019 16:42	WG1288322
Dibenz(a,h)anthracene	U		0.00966	0.0392	1	05/30/2019 16:42	WG1288322
3,3-Dichlorobenzidine	U		0.0934	0.392	1	05/30/2019 16:42	WG1288322
2,4-Dinitrotoluene	U		0.00714	0.392	1	05/30/2019 16:42	WG1288322
2,6-Dinitrotoluene	U		0.00867	0.392	1	05/30/2019 16:42	WG1288322
Fluoranthene	U		0.00584	0.0392	1	05/30/2019 16:42	WG1288322
Fluorene	U		0.00802	0.0392	1	05/30/2019 16:42	WG1288322
Hexachlorobenzene	U		0.0101	0.392	1	05/30/2019 16:42	WG1288322

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexachloro-1,3-butadiene	U		0.0118	0.392	1	05/30/2019 16:42	WG1288322
Hexachlorocyclopentadiene	U	J0	0.0691	0.392	1	05/30/2019 16:42	WG1288322
Hexachloroethane	U		0.0158	0.392	1	05/30/2019 16:42	WG1288322
Indeno(1,2,3-cd)pyrene	U		0.00908	0.0392	1	05/30/2019 16:42	WG1288322
Isophorone	U		0.00614	0.392	1	05/30/2019 16:42	WG1288322
Naphthalene	U		0.0105	0.0392	1	05/30/2019 16:42	WG1288322
Nitrobenzene	U		0.00818	0.392	1	05/30/2019 16:42	WG1288322
n-Nitrosodimethylamine	U		0.0761	0.392	1	05/30/2019 16:42	WG1288322
n-Nitrosodiphenylamine	U		0.106	0.392	1	05/30/2019 16:42	WG1288322
n-Nitrosodi-n-propylamine	U		0.0107	0.392	1	05/30/2019 16:42	WG1288322
Phenanthrene	U		0.00621	0.0392	1	05/30/2019 16:42	WG1288322
Benzylbutyl phthalate	U		0.0121	0.392	1	05/30/2019 16:42	WG1288322
Bis(2-ethylhexyl)phthalate	U		0.0141	0.392	1	05/30/2019 16:42	WG1288322
Di-n-butyl phthalate	U		0.0128	0.392	1	05/30/2019 16:42	WG1288322
Diethyl phthalate	U		0.00813	0.392	1	05/30/2019 16:42	WG1288322
Dimethyl phthalate	U		0.00635	0.392	1	05/30/2019 16:42	WG1288322
Di-n-octyl phthalate	U		0.0107	0.392	1	05/30/2019 16:42	WG1288322
Pyrene	U		0.0145	0.0392	1	05/30/2019 16:42	WG1288322
1,2,4-Trichlorobenzene	U		0.0103	0.392	1	05/30/2019 16:42	WG1288322
4-Chloro-3-methylphenol	U		0.00561	0.392	1	05/30/2019 16:42	WG1288322
2-Chlorophenol	U		0.00978	0.392	1	05/30/2019 16:42	WG1288322
2,4-Dichlorophenol	U		0.00878	0.392	1	05/30/2019 16:42	WG1288322
2,4-Dimethylphenol	U	J0	0.0554	0.392	1	05/30/2019 16:42	WG1288322
4,6-Dinitro-2-methylphenol	U		0.146	0.392	1	05/30/2019 16:42	WG1288322
2,4-Dinitrophenol	U		0.115	0.392	1	05/30/2019 16:42	WG1288322
2-Nitrophenol	U		0.0153	0.392	1	05/30/2019 16:42	WG1288322
4-Nitrophenol	U		0.0618	0.392	1	05/30/2019 16:42	WG1288322
Pentachlorophenol	U		0.0565	0.392	1	05/30/2019 16:42	WG1288322
Phenol	U		0.00818	0.392	1	05/30/2019 16:42	WG1288322
2,4,6-Trichlorophenol	U		0.00917	0.392	1	05/30/2019 16:42	WG1288322
(S) 2-Fluorophenol	*85.3*			*12.0-120*		*05/30/2019 16:42*	WG1288322
(S) Phenol-d5	*73.6*			*10.0-120*		*05/30/2019 16:42*	WG1288322
(S) Nitrobenzene-d5	*69.4*			*10.0-122*		*05/30/2019 16:42*	WG1288322
(S) 2-Fluorobiphenyl	*76.1*			*15.0-120*		*05/30/2019 16:42*	WG1288322
(S) 2,4,6-Tribromophenol	*79.4*			*10.0-127*		*05/30/2019 16:42*	WG1288322
(S) p-Terphenyl-d14	*82.4*			*10.0-120*		*05/30/2019 16:42*	WG1288322

Pesticides (GC) by Method 8081A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Aldrin	U		0.00000854	0.0000525	1.05	05/30/2019 09:19	WG1286972
Alpha BHC	0.000108		0.0000174	0.0000525	1.05	05/30/2019 09:19	WG1286972
Beta BHC	U		0.0000193	0.0000525	1.05	05/30/2019 09:19	WG1286972
Delta BHC	0.0000301	J	0.0000207	0.0000525	1.05	05/30/2019 09:19	WG1286972
Gamma BHC	0.0000485	J	0.0000185	0.0000525	1.05	05/30/2019 09:19	WG1286972
Chlordane	U		0.000103	0.000525	1.05	05/30/2019 09:19	WG1286972
4,4-DDD	U		0.0000179	0.0000525	1.05	05/30/2019 09:19	WG1286972
4,4-DDE	U		0.0000172	0.0000525	1.05	05/30/2019 09:19	WG1286972
4,4-DDT	U		0.0000186	0.0000525	1.05	05/30/2019 09:19	WG1286972
Dieldrin	U		0.00000789	0.0000525	1.05	05/30/2019 09:19	WG1286972
Endosulfan I	U		0.0000188	0.0000525	1.05	05/30/2019 09:19	WG1286972
Endosulfan II	U		0.0000185	0.0000525	1.05	05/30/2019 09:19	WG1286972
Endosulfan sulfate	U		0.0000206	0.0000525	1.05	05/30/2019 09:19	WG1286972
Endrin	U		0.0000198	0.0000525	1.05	05/30/2019 09:19	WG1286972
Endrin aldehyde	U		0.0000149	0.0000525	1.05	05/30/2019 09:19	WG1286972
Endrin ketone	U		0.0000179	0.0000525	1.05	05/30/2019 09:19	WG1286972
Hexachlorobenzene	U		0.0000141	0.0000525	1.05	05/30/2019 09:19	WG1286972
Heptachlor	U		0.0000113	0.0000525	1.05	05/30/2019 09:19	WG1286972
Heptachlor epoxide	U		0.0000184	0.0000525	1.05	05/30/2019 09:19	WG1286972
Methoxychlor	U		0.0000203	0.0000525	1.05	05/30/2019 09:19	WG1286972
Toxaphene	U		0.000176	0.000525	1.05	05/30/2019 09:19	WG1286972
(S) Decachlorobiphenyl	*142*	J1		*10.0-128*		*05/30/2019 09:19*	WG1286972
(S) Tetrachloro-m-xylene	*65.8*			*10.0-127*		*05/30/2019 09:19*	WG1286972

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acenaphthene	U		0.000351	0.00111	1.11	05/27/2019 22:34	WG1286400
Acenaphthylene	U		0.000343	0.00111	1.11	05/27/2019 22:34	WG1286400
Anthracene	U		0.000323	0.00111	1.11	05/27/2019 22:34	WG1286400
Benzidine	U	J0 J4 J6	0.00480	0.0111	1.11	05/27/2019 22:34	WG1286400
Benzo(a)anthracene	U		0.000108	0.00111	1.11	05/27/2019 22:34	WG1286400
Benzo(b)fluoranthene	U		0.0000995	0.00111	1.11	05/27/2019 22:34	WG1286400
Benzo(k)fluoranthene	U		0.000394	0.00111	1.11	05/27/2019 22:34	WG1286400
Benzo(g,h,i)perylene	U		0.000179	0.00111	1.11	05/27/2019 22:34	WG1286400
Benzo(a)pyrene	U		0.000377	0.00111	1.11	05/27/2019 22:34	WG1286400
Bis(2-chlorethoxy)methane	U		0.000365	0.0111	1.11	05/27/2019 22:34	WG1286400
Bis(2-chloroethyl)ether	U		0.00180	0.0111	1.11	05/27/2019 22:34	WG1286400
Bis(2-chloroisopropyl)ether	U		0.000494	0.0111	1.11	05/27/2019 22:34	WG1286400
4-Bromophenyl-phenylether	U		0.000372	0.0111	1.11	05/27/2019 22:34	WG1286400
2-Chloronaphthalene	U		0.000366	0.00111	1.11	05/27/2019 22:34	WG1286400
4-Chlorophenyl-phenylether	U		0.000336	0.0111	1.11	05/27/2019 22:34	WG1286400
Chrysene	U		0.000369	0.00111	1.11	05/27/2019 22:34	WG1286400
Dibenz(a,h)anthracene	U		0.000310	0.00111	1.11	05/27/2019 22:34	WG1286400
3,3-Dichlorobenzidine	U		0.00224	0.0111	1.11	05/27/2019 22:34	WG1286400
2,4-Dinitrotoluene	U		0.00183	0.0111	1.11	05/27/2019 22:34	WG1286400
2,6-Dinitrotoluene	U		0.000310	0.0111	1.11	05/27/2019 22:34	WG1286400
Fluoranthene	U		0.000344	0.00111	1.11	05/27/2019 22:34	WG1286400
Fluorene	U		0.000359	0.00111	1.11	05/27/2019 22:34	WG1286400
Hexachlorobenzene	U		0.000379	0.00111	1.11	05/27/2019 22:34	WG1286400
Hexachloro-1,3-butadiene	U		0.000365	0.0111	1.11	05/27/2019 22:34	WG1286400
Hexachlorocyclopentadiene	U	J0	0.00259	0.0111	1.11	05/27/2019 22:34	WG1286400
Hexachloroethane	U		0.000405	0.0111	1.11	05/27/2019 22:34	WG1286400
Indeno(1,2,3-cd)pyrene	U		0.000310	0.00111	1.11	05/27/2019 22:34	WG1286400
Isophorone	U		0.000302	0.0111	1.11	05/27/2019 22:34	WG1286400

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.000413	0.00111	1.11	05/27/2019 22:34	WG1286400
Nitrobenzene	U		0.000407	0.0111	1.11	05/27/2019 22:34	WG1286400
n-Nitrosodimethylamine	U		0.00140	0.0111	1.11	05/27/2019 22:34	WG1286400
n-Nitrosodiphenylamine	U		0.00132	0.0111	1.11	05/27/2019 22:34	WG1286400
n-Nitrosodi-n-propylamine	U		0.000447	0.0111	1.11	05/27/2019 22:34	WG1286400
Phenanthrene	U		0.000406	0.00111	1.11	05/27/2019 22:34	WG1286400
Benzylbutyl phthalate	U		0.000305	0.00333	1.11	05/27/2019 22:34	WG1286400
Bis(2-ethylhexyl)phthalate	U		0.000787	0.00333	1.11	05/27/2019 22:34	WG1286400
Di-n-butyl phthalate	U		0.000295	0.00333	1.11	05/27/2019 22:34	WG1286400
Diethyl phthalate	U		0.000313	0.00333	1.11	05/27/2019 22:34	WG1286400
Dimethyl phthalate	U		0.000314	0.00333	1.11	05/27/2019 22:34	WG1286400
Di-n-octyl phthalate	U		0.000309	0.00333	1.11	05/27/2019 22:34	WG1286400
Pyrene	U		0.000366	0.00111	1.11	05/27/2019 22:34	WG1286400
1,2,4-Trichlorobenzene	U		0.000394	0.0111	1.11	05/27/2019 22:34	WG1286400
4-Chloro-3-methylphenol	U		0.000292	0.0111	1.11	05/27/2019 22:34	WG1286400
2-Chlorophenol	U		0.000314	0.0111	1.11	05/27/2019 22:34	WG1286400
2,4-Dichlorophenol	U		0.000315	0.0111	1.11	05/27/2019 22:34	WG1286400
2,4-Dimethylphenol	U		0.000293	0.0111	1.11	05/27/2019 22:34	WG1286400
4,6-Dinitro-2-methylphenol	U		0.00291	0.0111	1.11	05/27/2019 22:34	WG1286400
2,4-Dinitrophenol	U		0.00361	0.0111	1.11	05/27/2019 22:34	WG1286400
2-Nitrophenol	U		0.000355	0.0111	1.11	05/27/2019 22:34	WG1286400
4-Nitrophenol	U		0.00223	0.0111	1.11	05/27/2019 22:34	WG1286400
Pentachlorophenol	U		0.000347	0.0111	1.11	05/27/2019 22:34	WG1286400
Phenol	0.00602	J	0.000371	0.0111	1.11	05/27/2019 22:34	WG1286400
2,4,6-Trichlorophenol	U		0.000330	0.0111	1.11	05/27/2019 22:34	WG1286400
(S) 2-Fluorophenol	*32.9*			*10.0-120*		*05/27/2019 22:34*	WG1286400
(S) Phenol-d5	*23.5*			*10.0-120*		*05/27/2019 22:34*	WG1286400
(S) Nitrobenzene-d5	*52.4*			*10.0-127*		*05/27/2019 22:34*	WG1286400
(S) 2-Fluorobiphenyl	*41.3*			*10.0-130*		*05/27/2019 22:34*	WG1286400
(S) 2,4,6-Tribromophenol	*63.5*			*10.0-155*		*05/27/2019 22:34*	WG1286400
(S) p-Terphenyl-d14	*67.7*			*10.0-128*		*05/27/2019 22:34*	WG1286400

Pesticides (GC) by Method 8081A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Aldrin	U		0.0000116	0.0000715	1.43	05/30/2019 09:56	WG1286972
Alpha BHC	0.000335		0.0000237	0.0000715	1.43	05/30/2019 09:56	WG1286972
Beta BHC	U		0.0000263	0.0000715	1.43	05/30/2019 09:56	WG1286972
Delta BHC	0.0000467	J	0.0000282	0.0000715	1.43	05/30/2019 09:56	WG1286972
Gamma BHC	0.000117		0.0000252	0.0000715	1.43	05/30/2019 09:56	WG1286972
Chlordane	U		0.000140	0.000715	1.43	05/30/2019 09:56	WG1286972
4,4-DDD	U		0.0000243	0.0000715	1.43	05/30/2019 09:56	WG1286972
4,4-DDE	U		0.0000235	0.0000715	1.43	05/30/2019 09:56	WG1286972
4,4-DDT	U		0.0000253	0.0000715	1.43	05/30/2019 09:56	WG1286972
Dieldrin	0.0000469	J	0.0000107	0.0000715	1.43	05/30/2019 09:56	WG1286972
Endosulfan I	U		0.0000256	0.0000715	1.43	05/30/2019 09:56	WG1286972
Endosulfan II	U		0.0000252	0.0000715	1.43	05/30/2019 09:56	WG1286972
Endosulfan sulfate	U		0.0000280	0.0000715	1.43	05/30/2019 09:56	WG1286972
Endrin	U		0.0000270	0.0000715	1.43	05/30/2019 09:56	WG1286972
Endrin aldehyde	U		0.0000203	0.0000715	1.43	05/30/2019 09:56	WG1286972
Endrin ketone	U		0.0000243	0.0000715	1.43	05/30/2019 09:56	WG1286972
Hexachlorobenzene	0.0000793	P	0.0000192	0.0000715	1.43	05/30/2019 09:56	WG1286972
Heptachlor	U		0.0000154	0.0000715	1.43	05/30/2019 09:56	WG1286972
Heptachlor epoxide	U		0.0000250	0.0000715	1.43	05/30/2019 09:56	WG1286972
Methoxychlor	U		0.0000276	0.0000715	1.43	05/30/2019 09:56	WG1286972
Toxaphene	U		0.000240	0.000715	1.43	05/30/2019 09:56	WG1286972
(S) Decachlorobiphenyl	*112*			*10.0-128*		*05/30/2019 09:56*	WG1286972
(S) Tetrachloro-m-xylene	*58.0*			*10.0-127*		*05/30/2019 09:56*	WG1286972

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.000487	0.00154	1.54	05/28/2019 02:56	WG1286400
Acenaphthylene	U		0.000476	0.00154	1.54	05/28/2019 02:56	WG1286400
Anthracene	U		0.000448	0.00154	1.54	05/28/2019 02:56	WG1286400
Benzidine	U	J0 J4	0.00665	0.0154	1.54	05/28/2019 02:56	WG1286400
Benzo(a)anthracene	U		0.000150	0.00154	1.54	05/28/2019 02:56	WG1286400
Benzo(b)fluoranthene	U		0.000138	0.00154	1.54	05/28/2019 02:56	WG1286400
Benzo(k)fluoranthene	U		0.000547	0.00154	1.54	05/28/2019 02:56	WG1286400
Benzo(g,h,i)perylene	U		0.000248	0.00154	1.54	05/28/2019 02:56	WG1286400
Benzo(a)pyrene	U		0.000524	0.00154	1.54	05/28/2019 02:56	WG1286400
Bis(2-chlorethoxy)methane	U		0.000507	0.0154	1.54	05/28/2019 02:56	WG1286400
Bis(2-chloroethyl)ether	U		0.00249	0.0154	1.54	05/28/2019 02:56	WG1286400
Bis(2-chloroisopropyl)ether	U		0.000685	0.0154	1.54	05/28/2019 02:56	WG1286400
4-Bromophenyl-phenylether	U		0.000516	0.0154	1.54	05/28/2019 02:56	WG1286400
2-Chloronaphthalene	U		0.000508	0.00154	1.54	05/28/2019 02:56	WG1286400
4-Chlorophenyl-phenylether	U		0.000467	0.0154	1.54	05/28/2019 02:56	WG1286400
Chrysene	U		0.000511	0.00154	1.54	05/28/2019 02:56	WG1286400
Dibenz(a,h)anthracene	U		0.000430	0.00154	1.54	05/28/2019 02:56	WG1286400
3,3-Dichlorobenzidine	U		0.00311	0.0154	1.54	05/28/2019 02:56	WG1286400
2,4-Dinitrotoluene	U		0.00254	0.0154	1.54	05/28/2019 02:56	WG1286400
2,6-Dinitrotoluene	U		0.000430	0.0154	1.54	05/28/2019 02:56	WG1286400
Fluoranthene	U		0.000477	0.00154	1.54	05/28/2019 02:56	WG1286400
Fluorene	U		0.000497	0.00154	1.54	05/28/2019 02:56	WG1286400
Hexachlorobenzene	U		0.000525	0.00154	1.54	05/28/2019 02:56	WG1286400
Hexachloro-1,3-butadiene	U		0.000507	0.0154	1.54	05/28/2019 02:56	WG1286400
Hexachlorocyclopentadiene	U	J0	0.00359	0.0154	1.54	05/28/2019 02:56	WG1286400
Hexachloroethane	U		0.000562	0.0154	1.54	05/28/2019 02:56	WG1286400
Indeno(1,2,3-cd)pyrene	U		0.000430	0.00154	1.54	05/28/2019 02:56	WG1286400
Isophorone	U		0.000419	0.0154	1.54	05/28/2019 02:56	WG1286400

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Naphthalene	U		0.000573	0.00154	1.54	05/28/2019 02:56	WG1286400
Nitrobenzene	U		0.000565	0.0154	1.54	05/28/2019 02:56	WG1286400
n-Nitrosodimethylamine	U		0.00194	0.0154	1.54	05/28/2019 02:56	WG1286400
n-Nitrosodiphenylamine	U		0.00183	0.0154	1.54	05/28/2019 02:56	WG1286400
n-Nitrosodi-n-propylamine	U		0.000621	0.0154	1.54	05/28/2019 02:56	WG1286400
Phenanthrene	U		0.000564	0.00154	1.54	05/28/2019 02:56	WG1286400
Benzylbutyl phthalate	U		0.000424	0.00462	1.54	05/28/2019 02:56	WG1286400
Bis(2-ethylhexyl)phthalate	U		0.00109	0.00462	1.54	05/28/2019 02:56	WG1286400
Di-n-butyl phthalate	U		0.000410	0.00462	1.54	05/28/2019 02:56	WG1286400
Diethyl phthalate	U		0.000434	0.00462	1.54	05/28/2019 02:56	WG1286400
Dimethyl phthalate	U		0.000436	0.00462	1.54	05/28/2019 02:56	WG1286400
Di-n-octyl phthalate	U		0.000428	0.00462	1.54	05/28/2019 02:56	WG1286400
Pyrene	U		0.000508	0.00154	1.54	05/28/2019 02:56	WG1286400
1,2,4-Trichlorobenzene	U		0.000547	0.0154	1.54	05/28/2019 02:56	WG1286400
4-Chloro-3-methylphenol	U		0.000405	0.0154	1.54	05/28/2019 02:56	WG1286400
2-Chlorophenol	U		0.000436	0.0154	1.54	05/28/2019 02:56	WG1286400
2,4-Dichlorophenol	U		0.000437	0.0154	1.54	05/28/2019 02:56	WG1286400
2,4-Dimethylphenol	U		0.000407	0.0154	1.54	05/28/2019 02:56	WG1286400
4,6-Dinitro-2-methylphenol	U		0.00403	0.0154	1.54	05/28/2019 02:56	WG1286400
2,4-Dinitrophenol	U		0.00500	0.0154	1.54	05/28/2019 02:56	WG1286400
2-Nitrophenol	U		0.000493	0.0154	1.54	05/28/2019 02:56	WG1286400
4-Nitrophenol	U		0.00310	0.0154	1.54	05/28/2019 02:56	WG1286400
Pentachlorophenol	U		0.000482	0.0154	1.54	05/28/2019 02:56	WG1286400
Phenol	0.00394	J	0.000514	0.0154	1.54	05/28/2019 02:56	WG1286400
2,4,6-Trichlorophenol	U		0.000457	0.0154	1.54	05/28/2019 02:56	WG1286400
(S) 2-Fluorophenol	*29.8*			*10.0-120*		*05/28/2019 02:56*	WG1286400
(S) Phenol-d5	*18.6*			*10.0-120*		*05/28/2019 02:56*	WG1286400
(S) Nitrobenzene-d5	*49.8*			*10.0-127*		*05/28/2019 02:56*	WG1286400
(S) 2-Fluorobiphenyl	*38.2*			*10.0-130*		*05/28/2019 02:56*	WG1286400
(S) 2,4,6-Tribromophenol	*60.4*			*10.0-155*		*05/28/2019 02:56*	WG1286400
(S) p-Terphenyl-d14	*62.0*			*10.0-128*		*05/28/2019 02:56*	WG1286400

Method Blank (MB)

(MB) R3416678-1 05/30/19 15:33

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1103459-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1103459-01 05/30/19 15:33 • (DUP) R3416678-3 05/30/19 15:33

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	76.9	78.2	1	1.63		10

Laboratory Control Sample (LCS)

(LCS) R3416678-2 05/30/19 15:33

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3416685-1 05/30/19 16:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.000			

L1102115-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1102115-02 05/30/19 16:36 • (DUP) R3416685-3 05/30/19 16:36

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	80.3	81.1	1	0.955		10

Laboratory Control Sample (LCS)

(LCS) R3416685-2 05/30/19 16:36

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3416683-1 05/30/19 16:23

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1102115-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1102115-18 05/30/19 16:23 • (DUP) R3416683-3 05/30/19 16:23

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	86.9	85.5	1	1.62		10

Laboratory Control Sample (LCS)

(LCS) R3416683-2 05/30/19 16:23

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3416681-1 05/30/19 15:47

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1102115-26 Original Sample (OS) • Duplicate (DUP)

(OS) L1102115-26 05/30/19 15:47 • (DUP) R3416681-3 05/30/19 15:47

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.0	82.5	1	2.98		10

Laboratory Control Sample (LCS)

(LCS) R3416681-2 05/30/19 15:47

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3416703-1 05/30/19 17:41

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1102115-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1102115-32 05/30/19 17:41 • (DUP) R3416703-3 05/30/19 17:41

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	82.2	82.2	1	0.0274		10

Laboratory Control Sample (LCS)

(LCS) R3416703-2 05/30/19 17:41

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3416701-1 05/30/19 17:30

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1102140-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1102140-04 05/30/19 17:30 • (DUP) R3416701-3 05/30/19 17:30

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	92.0	90.0	1	2.16		10

Laboratory Control Sample (LCS)

(LCS) R3416701-2 05/30/19 17:30

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3417341-1 06/03/19 11:01

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1102115-42 Original Sample (OS) • Duplicate (DUP)

(OS) L1102115-42 06/03/19 11:01 • (DUP) R3417341-3 06/03/19 11:01

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.2	88.0	1	3.16		10

Laboratory Control Sample (LCS)

(LCS) R3417341-2 06/03/19 11:01

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3416162-2 05/30/19 09:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Aldrin	U		0.00000813	0.0000500
Alpha BHC	U		0.0000166	0.0000500
Beta BHC	U		0.0000184	0.0000500
Delta BHC	U		0.0000197	0.0000500
Gamma BHC	U		0.0000176	0.0000500
4,4-DDD	U		0.0000170	0.0000500
4,4-DDE	U		0.0000164	0.0000500
4,4-DDT	U		0.0000177	0.0000500
Dieldrin	U		0.00000751	0.0000500
Endosulfan I	U		0.0000179	0.0000500
Endosulfan II	U		0.0000176	0.0000500
Endosulfan sulfate	U		0.0000196	0.0000500
Endrin	U		0.0000189	0.0000500
Endrin aldehyde	U		0.0000142	0.0000500
Endrin ketone	U		0.0000170	0.0000500
Heptachlor	U		0.0000108	0.0000500
Heptachlor epoxide	U		0.0000175	0.0000500
Hexachlorobenzene	U		0.0000134	0.0000500
Methoxychlor	U		0.0000193	0.0000500
Chlordane	U		0.0000977	0.000500
Toxaphene	U		0.000168	0.000500
(S) Decachlorobiphenyl	*96.4*			*10.0-128*
(S) Tetrachloro-m-xylene	*47.5*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3416162-1 05/30/19 08:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.00100	0.000717	71.7	22.0-124	
Alpha BHC	0.00100	0.000890	89.0	54.0-130	
Beta BHC	0.00100	0.000914	91.4	53.0-136	
Delta BHC	0.00100	0.000806	80.6	54.0-133	
Gamma BHC	0.00100	0.000785	78.5	55.0-129	
4,4-DDD	0.00100	0.000816	81.6	56.0-140	
4,4-DDE	0.00100	0.000855	85.5	52.0-128	
4,4-DDT	0.00100	0.000794	79.4	50.0-141	
Dieldrin	0.00100	0.000896	89.6	59.0-133	
Endosulfan I	0.00100	0.000949	94.9	57.0-131	

Laboratory Control Sample (LCS)

(LCS) R3416162-1 05/30/19 08:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.00100	0.000825	82.5	58.0-133	
Endosulfan sulfate	0.00100	0.000865	86.5	58.0-133	
Endrin	0.00100	0.000814	81.4	57.0-134	
Endrin aldehyde	0.00100	0.000847	84.7	53.0-129	
Endrin ketone	0.00100	0.000876	87.6	60.0-145	
Heptachlor	0.00100	0.000774	77.4	27.0-132	
Heptachlor epoxide	0.00100	0.000917	91.7	57.0-130	
Hexachlorobenzene	0.00100	0.000726	72.6	30.0-114	
Methoxychlor	0.00100	0.000852	85.2	54.0-155	
(S) Decachlorobiphenyl			*99.2*	*10.0-128*	
(S) Tetrachloro-m-xylene			*59.6*	*10.0-127*	

L1102115-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-47 05/30/19 09:19 • (MS) R3416162-3 05/30/19 09:31 • (MSD) R3416162-4 05/30/19 09:44

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.00106	U	0.000799	0.00100	75.4	81.3	1.06	10.0-141			22.3	40
Alpha BHC	0.00106	0.000108	0.00101	0.00117	85.1	86.3	1.06	10.0-145			14.7	40
Beta BHC	0.00106	U	0.000933	0.00124	88.0	101	1.06	14.0-146			28.3	35
Delta BHC	0.00106	0.0000301	0.000870	0.00111	82.1	90.2	1.06	17.0-143			24.2	38
Gamma BHC	0.00106	0.0000485	0.000884	0.00108	83.4	87.8	1.06	14.0-141			20.0	40
4,4-DDD	0.00106	U	0.000872	0.00111	82.3	90.2	1.06	10.0-160			24.0	38
4,4-DDE	0.00106	U	0.000888	0.00114	83.8	92.7	1.06	10.0-159			24.9	35
4,4-DDT	0.00106	U	0.000854	0.00108	80.6	87.8	1.06	10.0-160			23.4	38
Dieldrin	0.00106	U	0.000964	0.00122	90.9	99.2	1.06	10.0-158			23.4	38
Endosulfan I	0.00106	U	0.00101	0.00130	95.3	106	1.06	10.0-153			25.1	36
Endosulfan II	0.00106	U	0.000889	0.00113	83.9	91.9	1.06	10.0-159			23.9	39
Endosulfan sulfate	0.00106	U	0.000940	0.00118	88.7	95.9	1.06	23.0-147			22.6	35
Endrin	0.00106	U	0.000880	0.00111	83.0	90.2	1.06	10.0-160			23.1	39
Endrin aldehyde	0.00106	U	0.000934	0.00119	88.1	96.7	1.06	10.0-148			24.1	38
Endrin ketone	0.00106	U	0.000975	0.00121	92.0	98.4	1.06	10.0-160			21.5	40
Heptachlor	0.00106	U	0.000833	0.00105	78.6	85.4	1.06	16.0-136			23.0	40
Heptachlor epoxide	0.00106	U	0.000997	0.00126	94.1	102	1.06	10.0-160			23.3	36
Hexachlorobenzene	0.00106	U	0.000804	0.000974	75.8	79.2	1.06	10.0-130			19.1	40
Methoxychlor	0.00106	U	0.000926	0.00115	87.4	93.5	1.06	10.0-160			21.6	34
(S) Decachlorobiphenyl					*98.1*	*113*		*10.0-128*				
(S) Tetrachloro-m-xylene					*62.4*	*64.8*		*10.0-127*				

Method Blank (MB)

(MB) R3417128-1 06/01/19 13:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00135	0.0200
Alpha BHC	U		0.00136	0.0200
Beta BHC	U		0.00160	0.0200
Delta BHC	U		0.00143	0.0200
Gamma BHC	U		0.00145	0.0200
4,4-DDD	U		0.00156	0.0200
4,4-DDE	U		0.00154	0.0200
4,4-DDT	U		0.00200	0.0200
Dieldrin	U		0.00152	0.0200
Endosulfan I	U		0.00149	0.0200
Endosulfan II	U		0.00160	0.0200
Endosulfan sulfate	U		0.00151	0.0200
Endrin	U		0.00157	0.0200
Endrin aldehyde	U		0.00129	0.0200
Endrin ketone	U		0.00165	0.0200
Heptachlor	U		0.00154	0.0200
Heptachlor epoxide	U		0.00161	0.0200
Hexachlorobenzene	U		0.00124	0.0200
Methoxychlor	U		0.00178	0.0200
Chlordane	U		0.0390	0.200
Toxaphene	U		0.0360	0.400
(S) Decachlorobiphenyl	*85.7*			*10.0-135*
(S) Tetrachloro-m-xylene	*89.5*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3417128-2 06/01/19 13:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0564	84.7	34.0-136	
Alpha BHC	0.0666	0.0584	87.7	34.0-139	
Beta BHC	0.0666	0.0525	78.8	34.0-133	
Delta BHC	0.0666	0.0572	85.9	34.0-135	
Gamma BHC	0.0666	0.0570	85.6	34.0-136	
4,4-DDD	0.0666	0.0572	85.9	33.0-141	
4,4-DDE	0.0666	0.0548	82.3	34.0-134	
4,4-DDT	0.0666	0.0643	96.5	30.0-143	
Dieldrin	0.0666	0.0566	85.0	35.0-137	
Endosulfan I	0.0666	0.0543	81.5	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3417128-2 06/01/19 13:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0526	79.0	35.0-132	
Endosulfan sulfate	0.0666	0.0599	89.9	35.0-132	
Endrin	0.0666	0.0562	84.4	34.0-137	
Endrin aldehyde	0.0666	0.0524	78.7	23.0-121	
Endrin ketone	0.0666	0.0631	94.7	35.0-144	
Heptachlor	0.0666	0.0624	93.7	36.0-141	
Heptachlor epoxide	0.0666	0.0563	84.5	36.0-134	
Hexachlorobenzene	0.0666	0.0498	74.8	33.0-129	
Methoxychlor	0.0666	0.0772	116	28.0-150	
(S) Decachlorobiphenyl			*79.9*	*10.0-135*	
(S) Tetrachloro-m-xylene			*83.3*	*10.0-139*	

L1102115-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-02 06/01/19 14:24 • (MS) R3417128-3 06/01/19 14:39 • (MSD) R3417128-4 06/01/19 14:53

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0829	U	0.0758	0.0642	91.4	77.5	1	20.0-135			16.5	37
Alpha BHC	0.0829	U	0.0790	0.0685	95.3	82.6	1	27.0-140			14.3	35
Beta BHC	0.0829	U	0.0705	0.0605	85.0	73.0	1	23.0-141			15.2	37
Delta BHC	0.0829	U	0.0769	0.0657	92.8	79.3	1	21.0-138			15.7	35
Gamma BHC	0.0829	U	0.0772	0.0665	93.1	80.2	1	27.0-137			14.9	36
4,4-DDD	0.0829	U	0.0776	0.0640	93.5	77.2	1	15.0-152			19.2	39
4,4-DDE	0.0829	U	0.0734	0.0607	88.6	73.3	1	10.0-152			18.9	40
4,4-DDT	0.0829	U	0.0863	0.0719	104	86.8	1	10.0-151			18.1	40
Dieldrin	0.0829	U	0.0759	0.0635	91.6	76.6	1	17.0-145			17.9	37
Endosulfan I	0.0829	U	0.0727	0.0611	87.7	73.7	1	20.0-137			17.3	36
Endosulfan II	0.0829	U	0.0708	0.0594	85.4	71.6	1	15.0-141			17.6	37
Endosulfan sulfate	0.0829	U	0.0813	0.0680	98.0	82.0	1	15.0-143			17.8	38
Endrin	0.0829	U	0.0754	0.0626	91.0	75.5	1	19.0-143			18.6	37
Endrin aldehyde	0.0829	U	0.0723	0.0602	87.2	72.7	1	10.0-139			18.2	40
Endrin ketone	0.0829	U	0.0853	0.0719	103	86.8	1	17.0-149			16.9	38
Heptachlor	0.0829	U	0.0839	0.0717	101	86.5	1	22.0-138			15.7	37
Heptachlor epoxide	0.0829	U	0.0756	0.0636	91.1	76.7	1	22.0-138			17.2	36
Hexachlorobenzene	0.0829	U	0.0670	0.0584	80.8	70.4	1	25.0-126			13.7	35
Methoxychlor	0.0829	U	0.104	0.0849	125	102	1	10.0-159			20.1	40
(S) Decachlorobiphenyl					*74.2*	*70.4*		*10.0-135*				
(S) Tetrachloro-m-xylene					*81.8*	*82.9*		*10.0-139*				

Method Blank (MB)

(MB) R3417153-2 06/03/19 08:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00135	0.0200
Alpha BHC	U		0.00136	0.0200
Beta BHC	U		0.00160	0.0200
Delta BHC	U		0.00143	0.0200
Gamma BHC	U		0.00145	0.0200
4,4-DDD	U		0.00156	0.0200
4,4-DDE	U		0.00154	0.0200
4,4-DDT	U		0.00200	0.0200
Dieldrin	U		0.00152	0.0200
Endosulfan I	U		0.00149	0.0200
Endosulfan II	U		0.00160	0.0200
Endosulfan sulfate	U		0.00151	0.0200
Endrin	U		0.00157	0.0200
Endrin aldehyde	U		0.00129	0.0200
Endrin ketone	U		0.00165	0.0200
Heptachlor	U		0.00154	0.0200
Heptachlor epoxide	U		0.00161	0.0200
Hexachlorobenzene	U		0.00124	0.0200
Methoxychlor	U		0.00178	0.0200
Chlordane	U		0.0390	0.200
Toxaphene	U		0.0360	0.400
(S) Decachlorobiphenyl	*84.4*			*10.0-135*
(S) Tetrachloro-m-xylene	*66.4*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3417153-1 06/03/19 08:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0516	77.5	34.0-136	
Alpha BHC	0.0666	0.0524	78.7	34.0-139	
Beta BHC	0.0666	0.0570	85.6	34.0-133	
Delta BHC	0.0666	0.0503	75.5	34.0-135	
Gamma BHC	0.0666	0.0509	76.4	34.0-136	
4,4-DDD	0.0666	0.0507	76.1	33.0-141	
4,4-DDE	0.0666	0.0537	80.6	34.0-134	
4,4-DDT	0.0666	0.0505	75.8	30.0-143	
Dieldrin	0.0666	0.0604	90.7	35.0-137	
Endosulfan I	0.0666	0.0620	93.1	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3417153-1 06/03/19 08:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0536	80.5	35.0-132	
Endosulfan sulfate	0.0666	0.0551	82.7	35.0-132	
Endrin	0.0666	0.0511	76.7	34.0-137	
Endrin aldehyde	0.0666	0.0549	82.4	23.0-121	
Endrin ketone	0.0666	0.0705	106	35.0-144	
Heptachlor	0.0666	0.0538	80.8	36.0-141	
Heptachlor epoxide	0.0666	0.0609	91.4	36.0-134	
Hexachlorobenzene	0.0666	0.0498	74.8	33.0-129	
Methoxychlor	0.0666	0.0527	79.1	28.0-150	
(S) Decachlorobiphenyl			*99.2*	*10.0-135*	
(S) Tetrachloro-m-xylene			*78.2*	*10.0-139*	

L1102115-32 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-32 06/03/19 11:17 • (MS) R3417153-3 06/03/19 11:30 • (MSD) R3417153-4 06/03/19 11:42

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0810	U	0.0522	0.0474	64.4	58.6	1	20.0-135			9.52	37
Alpha BHC	0.0810	U	0.0565	0.0522	69.8	64.4	1	27.0-140			8.05	35
Beta BHC	0.0810	U	0.0624	0.0575	77.0	71.0	1	23.0-141			8.11	37
Delta BHC	0.0810	U	0.0522	0.0484	64.4	59.8	1	21.0-138			7.50	35
Gamma BHC	0.0810	U	0.0558	0.0513	68.9	63.4	1	27.0-137			8.40	36
4,4-DDD	0.0810	U	0.0553	0.0508	68.3	62.8	1	15.0-152			8.48	39
4,4-DDE	0.0810	U	0.0562	0.0516	69.4	63.7	1	10.0-152			8.58	40
4,4-DDT	0.0810	U	0.0554	0.0481	68.5	59.5	1	10.0-151			14.1	40
Dieldrin	0.0810	U	0.0637	0.0585	78.7	72.2	1	17.0-145			8.56	37
Endosulfan I	0.0810	U	0.0646	0.0592	79.7	73.1	1	20.0-137			8.64	36
Endosulfan II	0.0810	U	0.0565	0.0516	69.8	63.7	1	15.0-141			9.22	37
Endosulfan sulfate	0.0810	U	0.0579	0.0528	71.5	65.2	1	15.0-143			9.23	38
Endrin	0.0810	U	0.0588	0.0539	72.7	66.5	1	19.0-143			8.85	37
Endrin aldehyde	0.0810	U	0.0568	0.0505	70.1	62.3	1	10.0-139			11.8	40
Endrin ketone	0.0810	U	0.0721	0.0671	89.0	82.9	1	17.0-149			7.16	38
Heptachlor	0.0810	U	0.0570	0.0525	70.4	64.9	1	22.0-138			8.21	37
Heptachlor epoxide	0.0810	U	0.0638	0.0599	78.8	74.0	1	22.0-138			6.29	36
Hexachlorobenzene	0.0810	U	0.0539	0.0497	66.5	61.4	1	25.0-126			7.98	35
Methoxychlor	0.0810	U	0.0551	0.0496	68.0	61.3	1	10.0-159			10.5	40
(S) Decachlorobiphenyl					*80.3*	*72.1*		*10.0-135*				
(S) Tetrachloro-m-xylene					*64.0*	*58.1*		*10.0-139*				

Method Blank (MB)

(MB) R3417094-2 06/02/19 11:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00135	0.0200
Alpha BHC	U		0.00136	0.0200
Beta BHC	U		0.00160	0.0200
Delta BHC	U		0.00143	0.0200
Gamma BHC	U		0.00145	0.0200
4,4-DDD	U		0.00156	0.0200
4,4-DDE	U		0.00154	0.0200
4,4-DDT	U		0.00200	0.0200
Dieldrin	U		0.00152	0.0200
Endosulfan I	U		0.00149	0.0200
Endosulfan II	U		0.00160	0.0200
Endosulfan sulfate	U		0.00151	0.0200
Endrin	U		0.00157	0.0200
Endrin aldehyde	U		0.00129	0.0200
Endrin ketone	U		0.00165	0.0200
Heptachlor	U		0.00154	0.0200
Heptachlor epoxide	U		0.00161	0.0200
Hexachlorobenzene	U		0.00124	0.0200
Methoxychlor	U		0.00178	0.0200
Chlordane	U		0.0390	0.200
Toxaphene	U		0.0360	0.400
(S) Decachlorobiphenyl	*76.6*			*10.0-135*
(S) Tetrachloro-m-xylene	*75.2*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3417094-1 06/02/19 11:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0423	63.5	34.0-136	
Alpha BHC	0.0666	0.0434	65.2	34.0-139	
Beta BHC	0.0666	0.0392	58.9	34.0-133	
Delta BHC	0.0666	0.0421	63.2	34.0-135	
Gamma BHC	0.0666	0.0421	63.2	34.0-136	
4,4-DDD	0.0666	0.0410	61.6	33.0-141	
4,4-DDE	0.0666	0.0409	61.4	34.0-134	
4,4-DDT	0.0666	0.0484	72.7	30.0-143	
Dieldrin	0.0666	0.0419	62.9	35.0-137	
Endosulfan I	0.0666	0.0404	60.7	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3417094-1 06/02/19 11:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0390	58.6	35.0-132	
Endosulfan sulfate	0.0666	0.0440	66.1	35.0-132	
Endrin	0.0666	0.0410	61.6	34.0-137	
Endrin aldehyde	0.0666	0.0396	59.5	23.0-121	
Endrin ketone	0.0666	0.0467	70.1	35.0-144	
Heptachlor	0.0666	0.0458	68.8	36.0-141	
Heptachlor epoxide	0.0666	0.0416	62.5	36.0-134	
Hexachlorobenzene	0.0666	0.0395	59.3	33.0-129	
Methoxychlor	0.0666	0.0553	83.0	28.0-150	
(S) Decachlorobiphenyl			*68.2*	*10.0-135*	
(S) Tetrachloro-m-xylene			*67.3*	*10.0-139*	

L1102115-43 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-43 06/02/19 12:10 • (MS) R3417094-3 06/02/19 12:24 • (MSD) R3417094-4 06/02/19 12:39

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0807	U	0.0615	0.0604	76.1	74.8	1	20.0-135			1.79	37
Alpha BHC	0.0807	U	0.0696	0.0676	86.2	83.8	1	27.0-140			2.83	35
Beta BHC	0.0807	U	0.0618	0.0602	76.6	74.6	1	23.0-141			2.58	37
Delta BHC	0.0807	U	0.0676	0.0662	83.8	82.0	1	21.0-138			2.17	35
Gamma BHC	0.0807	U	0.0678	0.0659	83.9	81.7	1	27.0-137			2.72	36
4,4-DDD	0.0807	U	0.0624	0.0611	77.3	75.7	1	15.0-152			2.16	39
4,4-DDE	0.0807	U	0.0583	0.0582	72.2	72.1	1	10.0-152			0.208	40
4,4-DDT	0.0807	U	0.0692	0.0703	85.7	87.1	1	10.0-151			1.56	40
Dieldrin	0.0807	U	0.0642	0.0624	79.6	77.3	1	17.0-145			2.87	37
Endosulfan I	0.0807	U	0.0607	0.0598	75.2	74.0	1	20.0-137			1.61	36
Endosulfan II	0.0807	U	0.0600	0.0588	74.3	72.8	1	15.0-141			2.04	37
Endosulfan sulfate	0.0807	U	0.0686	0.0669	85.0	82.9	1	15.0-143			2.50	38
Endrin	0.0807	U	0.0636	0.0633	78.8	78.4	1	19.0-143			0.573	37
Endrin aldehyde	0.0807	U	0.0639	0.0618	79.1	76.6	1	10.0-139			3.28	40
Endrin ketone	0.0807	U	0.0736	0.0707	91.1	87.5	1	17.0-149			4.03	38
Heptachlor	0.0807	U	0.0680	0.0679	84.2	84.1	1	22.0-138			0.178	37
Heptachlor epoxide	0.0807	U	0.0630	0.0619	78.1	76.7	1	22.0-138			1.75	36
Hexachlorobenzene	0.0807	U	0.0595	0.0582	73.7	72.1	1	25.0-126			2.27	35
Methoxychlor	0.0807	U	0.0796	0.0829	98.6	103	1	10.0-159			4.03	40
(S) Decachlorobiphenyl					*63.8*	*71.0*		*10.0-135*				
(S) Tetrachloro-m-xylene					*74.8*	*75.2*		*10.0-139*				

Method Blank (MB)

(MB) R3415557-2 05/27/19 22:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000316	0.00100
Acenaphthylene	U		0.000309	0.00100
Anthracene	U		0.000291	0.00100
Benzidine	U		0.00432	0.0100
Benzo(a)anthracene	U		0.0000975	0.00100
Benzo(b)fluoranthene	U		0.0000896	0.00100
Benzo(k)fluoranthene	U		0.000355	0.00100
Benzo(g,h,i)perylene	U		0.000161	0.00100
Benzo(a)pyrene	U		0.000340	0.00100
Bis(2-chlorethoxy)methane	U		0.000329	0.0100
Bis(2-chloroethyl)ether	U		0.00162	0.0100
Bis(2-chloroisopropyl)ether	U		0.000445	0.0100
4-Bromophenyl-phenylether	U		0.000335	0.0100
2-Chloronaphthalene	U		0.000330	0.00100
4-Chlorophenyl-phenylether	U		0.000303	0.0100
Chrysene	U		0.000332	0.00100
Dibenz(a,h)anthracene	U		0.000279	0.00100
3,3-Dichlorobenzidine	U		0.00202	0.0100
2,4-Dinitrotoluene	U		0.00165	0.0100
2,6-Dinitrotoluene	U		0.000279	0.0100
Fluoranthene	U		0.000310	0.00100
Fluorene	U		0.000323	0.00100
Hexachlorobenzene	U		0.000341	0.00100
Hexachloro-1,3-butadiene	U		0.000329	0.0100
Hexachlorocyclopentadiene	U		0.00233	0.0100
Hexachloroethane	U		0.000365	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000272	0.0100
Naphthalene	U		0.000372	0.00100
Nitrobenzene	U		0.000367	0.0100
n-Nitrosodimethylamine	U		0.00126	0.0100
n-Nitrosodiphenylamine	U		0.00119	0.0100
n-Nitrosodi-n-propylamine	U		0.000403	0.0100
Phenanthrene	U		0.000366	0.00100
Benzylbutyl phthalate	U		0.000275	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000709	0.00300
Di-n-butyl phthalate	U		0.000266	0.00300
Diethyl phthalate	U		0.000282	0.00300
Dimethyl phthalate	U		0.000283	0.00300
Di-n-octyl phthalate	U		0.000278	0.00300

Method Blank (MB)

(MB) R3415557-2 05/27/19 22:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Pyrene	U		0.000330	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.0100
4-Chloro-3-methylphenol	U		0.000263	0.0100
2-Chlorophenol	U		0.000283	0.0100
2,4-Dichlorophenol	U		0.000284	0.0100
2,4-Dimethylphenol	U		0.000264	0.0100
4,6-Dinitro-2-methylphenol	U		0.00262	0.0100
2,4-Dinitrophenol	U		0.00325	0.0100
2-Nitrophenol	U		0.000320	0.0100
4-Nitrophenol	U		0.00201	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.000334	0.0100
2,4,6-Trichlorophenol	U		0.000297	0.0100
(S) Nitrobenzene-d5	*54.8*			*10.0-127*
(S) 2-Fluorobiphenyl	*35.5*			*10.0-130*
(S) p-Terphenyl-d14	*61.6*			*10.0-128*
(S) Phenol-d5	*18.5*			*10.0-120*
(S) 2-Fluorophenol	*29.6*			*10.0-120*
(S) 2,4,6-Tribromophenol	*55.5*			*10.0-155*

Laboratory Control Sample (LCS)

(LCS) R3415557-1 05/27/19 21:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0500	0.0304	60.8	41.0-120	
Acenaphthylene	0.0500	0.0315	63.0	43.0-120	
Anthracene	0.0500	0.0334	66.8	45.0-120	
Benzidine	0.100	ND	0.000	1.00-120	J4
Benzo(a)anthracene	0.0500	0.0374	74.8	47.0-120	
Benzo(b)fluoranthene	0.0500	0.0353	70.6	46.0-120	
Benzo(k)fluoranthene	0.0500	0.0355	71.0	46.0-120	
Benzo(g,h,i)perylene	0.0500	0.0347	69.4	48.0-121	
Benzo(a)pyrene	0.0500	0.0359	71.8	47.0-120	
Bis(2-chlorethoxy)methane	0.0500	0.0299	59.8	33.0-120	
Bis(2-chloroethyl)ether	0.0500	0.0315	63.0	23.0-120	
Bis(2-chloroisopropyl)ether	0.0500	0.0290	58.0	28.0-120	
4-Bromophenyl-phenylether	0.0500	0.0340	68.0	45.0-120	
2-Chloronaphthalene	0.0500	0.0287	57.4	37.0-120	

Laboratory Control Sample (LCS)

(LCS) R3415557-1 05/27/19 21:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Chlorophenyl-phenylether	0.0500	0.0353	70.6	44.0-120	
Chrysene	0.0500	0.0339	67.8	48.0-120	
Dibenz(a,h)anthracene	0.0500	0.0365	73.0	47.0-120	
3,3-Dichlorobenzidine	0.100	0.0627	62.7	44.0-120	
2,4-Dinitrotoluene	0.0500	0.0390	78.0	49.0-124	
2,6-Dinitrotoluene	0.0500	0.0369	73.8	46.0-120	
Fluoranthene	0.0500	0.0357	71.4	51.0-120	
Fluorene	0.0500	0.0347	69.4	47.0-120	
Hexachlorobenzene	0.0500	0.0346	69.2	44.0-120	
Hexachloro-1,3-butadiene	0.0500	0.0175	35.0	19.0-120	
Hexachlorocyclopentadiene	0.0500	0.0242	48.4	15.0-120	
Hexachloroethane	0.0500	0.0175	35.0	15.0-120	
Indeno(1,2,3-cd)pyrene	0.0500	0.0361	72.2	49.0-122	
Isophorone	0.0500	0.0302	60.4	36.0-120	
Naphthalene	0.0500	0.0233	46.6	27.0-120	
Nitrobenzene	0.0500	0.0302	60.4	27.0-120	
n-Nitrosodimethylamine	0.0500	0.0175	35.0	10.0-120	
n-Nitrosodiphenylamine	0.0500	0.0315	63.0	47.0-120	
n-Nitrosodi-n-propylamine	0.0500	0.0341	68.2	31.0-120	
Phenanthrene	0.0500	0.0322	64.4	46.0-120	
Benzylbutyl phthalate	0.0500	0.0369	73.8	43.0-121	
Bis(2-ethylhexyl)phthalate	0.0500	0.0372	74.4	43.0-122	
Di-n-butyl phthalate	0.0500	0.0378	75.6	49.0-121	
Diethyl phthalate	0.0500	0.0386	77.2	48.0-122	
Dimethyl phthalate	0.0500	0.0358	71.6	48.0-120	
Di-n-octyl phthalate	0.0500	0.0386	77.2	42.0-125	
Pyrene	0.0500	0.0326	65.2	47.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0216	43.2	24.0-120	
4-Chloro-3-methylphenol	0.0500	0.0312	62.4	40.0-120	
2-Chlorophenol	0.0500	0.0276	55.2	25.0-120	
2,4-Dichlorophenol	0.0500	0.0290	58.0	36.0-120	
2,4-Dimethylphenol	0.0500	0.0275	55.0	33.0-120	
4,6-Dinitro-2-methylphenol	0.0500	0.0458	91.6	38.0-138	
2,4-Dinitrophenol	0.0500	0.0471	94.2	10.0-120	
2-Nitrophenol	0.0500	0.0320	64.0	31.0-120	
4-Nitrophenol	0.0500	0.0163	32.6	10.0-120	
Pentachlorophenol	0.0500	0.0371	74.2	23.0-120	
Phenol	0.0500	0.0119	23.8	10.0-120	
2,4,6-Trichlorophenol	0.0500	0.0336	67.2	42.0-120	
(S) Nitrobenzene-d5			*46.3*	*10.0-127*	

Laboratory Control Sample (LCS)

(LCS) R3415557-1 05/27/19 21:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) 2-Fluorobiphenyl			*50.3*	*10.0-130*	
(S) p-Terphenyl-d14			*57.7*	*10.0-128*	
(S) Phenol-d5			*18.6*	*10.0-120*	
(S) 2-Fluorophenol			*31.7*	*10.0-120*	
(S) 2,4,6-Tribromophenol			*65.5*	*10.0-155*	

L1102115-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-47 05/27/19 22:34 • (MS) R3415557-3 05/27/19 22:54 • (MSD) R3415557-4 05/27/19 23:14

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0556	U	0.0283	0.0334	50.9	60.1	1.11	28.0-120			16.5	25
Acenaphthylene	0.0556	U	0.0293	0.0344	52.7	61.9	1.11	31.0-121			16.0	25
Anthracene	0.0556	U	0.0304	0.0367	54.7	66.0	1.11	36.0-120			18.8	23
Benzidine	0.111	U	ND	ND	0.000	0.000	1.11	1.00-120	J6	J6	0.000	37
Benzo(a)anthracene	0.0556	U	0.0342	0.0422	61.5	75.9	1.11	39.0-120			20.9	23
Benzo(b)fluoranthene	0.0556	U	0.0323	0.0392	58.1	70.5	1.11	37.0-120			19.3	23
Benzo(k)fluoranthene	0.0556	U	0.0322	0.0395	57.9	71.0	1.11	37.0-120			20.4	26
Benzo(g,h,i)perylene	0.0556	U	0.0317	0.0392	57.0	70.5	1.11	37.0-123			21.2	25
Benzo(a)pyrene	0.0556	U	0.0321	0.0394	57.7	70.9	1.11	37.0-120			20.4	24
Bis(2-chlorethoxy)methane	0.0556	U	0.0274	0.0324	49.3	58.3	1.11	17.0-120			16.7	31
Bis(2-chloroethyl)ether	0.0556	U	0.0275	0.0329	49.5	59.2	1.11	14.0-120			17.9	33
Bis(2-chloroisopropyl)ether	0.0556	U	0.0252	0.0304	45.3	54.7	1.11	18.0-120			18.7	34
4-Bromophenyl-phenylether	0.0556	U	0.0311	0.0382	55.9	68.7	1.11	37.0-120			20.5	24
2-Chloronaphthalene	0.0556	U	0.0258	0.0303	46.4	54.5	1.11	29.0-120			16.0	28
4-Chlorophenyl-phenylether	0.0556	U	0.0332	0.0394	59.7	70.9	1.11	36.0-120			17.1	23
Chrysene	0.0556	U	0.0314	0.0384	56.5	69.1	1.11	38.0-120			20.1	23
Dibenz(a,h)anthracene	0.0556	U	0.0335	0.0401	60.3	72.1	1.11	36.0-121			17.9	24
3,3-Dichlorobenzidine	0.111	U	0.0532	0.0613	47.9	55.2	1.11	10.0-134			14.1	30
2,4-Dinitrotoluene	0.0556	U	0.0376	0.0429	67.6	77.2	1.11	39.0-125			13.2	25
2,6-Dinitrotoluene	0.0556	U	0.0354	0.0418	63.7	75.2	1.11	36.0-120			16.6	27
Fluoranthene	0.0556	U	0.0335	0.0407	60.3	73.2	1.11	41.0-121			19.4	22
Fluorene	0.0556	U	0.0324	0.0382	58.3	68.7	1.11	37.0-120			16.4	24
Hexachlorobenzene	0.0556	U	0.0315	0.0385	56.7	69.2	1.11	35.0-122			20.0	24
Hexachloro-1,3-butadiene	0.0556	U	0.0153	0.0171	27.5	30.8	1.11	12.0-120			11.1	34
Hexachlorocyclopentadiene	0.0556	U	0.0214	0.0243	38.5	43.7	1.11	10.0-120			12.7	33
Hexachloroethane	0.0556	U	0.0150	0.0165	27.0	29.7	1.11	10.0-120			9.52	40
Indeno(1,2,3-cd)pyrene	0.0556	U	0.0328	0.0407	59.0	73.2	1.11	38.0-125			21.5	24
Isophorone	0.0556	U	0.0278	0.0329	50.0	59.2	1.11	21.0-120			16.8	27

L1102115-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-47 05/27/19 22:34 • (MS) R3415557-3 05/27/19 22:54 • (MSD) R3415557-4 05/27/19 23:14

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.0556	U	0.0212	0.0246	38.1	44.2	1.11	10.0-120			14.8	31
Nitrobenzene	0.0556	U	0.0263	0.0310	47.3	55.8	1.11	12.0-120			16.4	30
n-Nitrosodimethylamine	0.0556	U	0.0181	0.0208	32.6	37.4	1.11	10.0-120			13.9	40
n-Nitrosodiphenylamine	0.0556	U	0.0290	0.0350	52.2	62.9	1.11	37.0-120			18.8	24
n-Nitrosodi-n-propylamine	0.0556	U	0.0305	0.0367	54.9	66.0	1.11	16.0-120			18.5	30
Phenanthrene	0.0556	U	0.0305	0.0370	54.9	66.5	1.11	33.0-120			19.3	22
Benzylbutyl phthalate	0.0556	U	0.0337	0.0414	60.6	74.5	1.11	34.0-126			20.5	24
Bis(2-ethylhexyl)phthalate	0.0556	U	0.0330	0.0408	59.4	73.4	1.11	33.0-126			21.1	25
Di-n-butyl phthalate	0.0556	U	0.0349	0.0431	62.8	77.5	1.11	35.0-128			21.0	23
Diethyl phthalate	0.0556	U	0.0366	0.0436	65.8	78.4	1.11	39.0-125			17.5	24
Dimethyl phthalate	0.0556	U	0.0344	0.0396	61.9	71.2	1.11	37.0-120			14.1	24
Di-n-octyl phthalate	0.0556	U	0.0347	0.0425	62.4	76.4	1.11	25.0-135			20.2	26
Pyrene	0.0556	U	0.0294	0.0362	52.9	65.1	1.11	39.0-120			20.7	22
1,2,4-Trichlorobenzene	0.0556	U	0.0193	0.0213	34.7	38.3	1.11	15.0-120			9.85	31
4-Chloro-3-methylphenol	0.0556	U	0.0306	0.0360	55.0	64.7	1.11	26.0-120			16.2	27
2-Chlorophenol	0.0556	U	0.0251	0.0300	45.1	54.0	1.11	18.0-120			17.8	34
2,4-Dichlorophenol	0.0556	U	0.0267	0.0318	48.0	57.2	1.11	19.0-120			17.4	27
2,4-Dimethylphenol	0.0556	U	0.0256	0.0298	46.0	53.6	1.11	15.0-120			15.2	28
4,6-Dinitro-2-methylphenol	0.0556	U	0.0445	0.0515	80.0	92.6	1.11	10.0-144			14.6	39
2,4-Dinitrophenol	0.0556	U	0.0436	0.0518	78.4	93.2	1.11	10.0-120			17.2	40
2-Nitrophenol	0.0556	U	0.0283	0.0333	50.9	59.9	1.11	20.0-120			16.2	30
4-Nitrophenol	0.0556	U	0.0178	0.0197	32.0	35.4	1.11	10.0-120			10.1	40
Pentachlorophenol	0.0556	U	0.0344	0.0425	61.9	76.4	1.11	10.0-128			21.1	37
Phenol	0.0556	0.00602	0.0162	0.0144	18.3	15.1	1.11	10.0-120			11.8	40
2,4,6-Trichlorophenol	0.0556	U	0.0311	0.0363	55.9	65.3	1.11	26.0-120			15.4	31
(S) Nitrobenzene-d5					*43.4*	*44.7*		*10.0-127*				
(S) 2-Fluorobiphenyl					*41.8*	*44.8*		*10.0-130*				
(S) p-Terphenyl-d14					*46.9*	*58.4*		*10.0-128*				
(S) Phenol-d5					*18.7*	*19.9*		*10.0-120*				
(S) 2-Fluorophenol					*27.7*	*28.9*		*10.0-120*				
(S) 2,4,6-Tribromophenol					*53.6*	*62.6*		*10.0-155*				

Method Blank (MB)

(MB) R3416810-2 05/30/19 16:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00642	0.0333
Acenaphthylene	U		0.00671	0.0333
Anthracene	U		0.00632	0.0333
Benzidine	U		0.0637	0.333
Benzo(a)anthracene	U		0.00428	0.0333
Benzo(b)fluoranthene	U		0.00695	0.0333
Benzo(k)fluoranthene	U		0.00582	0.0333
Benzo(g,h,i)perylene	U		0.00721	0.0333
Benzo(a)pyrene	U		0.00548	0.0333
Bis(2-chlorethoxy)methane	U		0.00770	0.333
Bis(2-chloroethyl)ether	U		0.00896	0.333
Bis(2-chloroisopropyl)ether	U		0.00760	0.333
4-Bromophenyl-phenylether	U		0.0114	0.333
2-Chloronaphthalene	U		0.00639	0.0333
4-Chlorophenyl-phenylether	U		0.00627	0.333
Chrysene	U		0.00555	0.0333
Dibenz(a,h)anthracene	U		0.00821	0.0333
3,3-Dichlorobenzidine	U		0.0794	0.333
2,4-Dinitrotoluene	U		0.00607	0.333
2,6-Dinitrotoluene	U		0.00737	0.333
Fluoranthene	U		0.00496	0.0333
Fluorene	U		0.00682	0.0333
Hexachlorobenzene	U		0.00856	0.333
Hexachloro-1,3-butadiene	U		0.0100	0.333
Hexachlorocyclopentadiene	U		0.0587	0.333
Hexachloroethane	U		0.0134	0.333
Indeno(1,2,3-cd)pyrene	U		0.00772	0.0333
Isophorone	U		0.00522	0.333
Naphthalene	U		0.00889	0.0333
Nitrobenzene	U		0.00695	0.333
n-Nitrosodimethylamine	U		0.0647	0.333
n-Nitrosodiphenylamine	U		0.0900	0.333
n-Nitrosodi-n-propylamine	U		0.00906	0.333
Phenanthrene	U		0.00528	0.0333
Benzylbutyl phthalate	U		0.0103	0.333
Bis(2-ethylhexyl)phthalate	U		0.0120	0.333
Di-n-butyl phthalate	U		0.0109	0.333
Diethyl phthalate	U		0.00691	0.333
Dimethyl phthalate	U		0.00540	0.333
Di-n-octyl phthalate	U		0.00907	0.333

Method Blank (MB)

(MB) R3416810-2 05/30/19 16:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.0123	0.0333
1,2,4-Trichlorobenzene	U		0.00876	0.333
4-Chloro-3-methylphenol	U		0.00477	0.333
2-Chlorophenol	U		0.00831	0.333
2,4-Dichlorophenol	U		0.00746	0.333
2,4-Dimethylphenol	U		0.0471	0.333
4,6-Dinitro-2-methylphenol	U		0.124	0.333
2,4-Dinitrophenol	U		0.0980	0.333
2-Nitrophenol	U		0.0130	0.333
4-Nitrophenol	U		0.0525	0.333
Pentachlorophenol	U		0.0480	0.333
Phenol	U		0.00695	0.333
2,4,6-Trichlorophenol	U		0.00779	0.333
(S) Nitrobenzene-d5	*73.3*			*10.0-122*
(S) 2-Fluorobiphenyl	*80.2*			*15.0-120*
(S) p-Terphenyl-d14	*93.7*			*10.0-120*
(S) Phenol-d5	*80.6*			*10.0-120*
(S) 2-Fluorophenol	*95.0*			*12.0-120*
(S) 2,4,6-Tribromophenol	*85.3*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3416810-1 05/30/19 16:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.652	97.9	38.0-120	
Acenaphthylene	0.666	0.691	104	40.0-120	
Anthracene	0.666	0.663	99.5	42.0-120	
Benzidine	1.33	0.348	26.2	1.00-120	
Benzo(a)anthracene	0.666	0.751	113	44.0-120	
Benzo(b)fluoranthene	0.666	0.718	108	43.0-120	
Benzo(k)fluoranthene	0.666	0.699	105	44.0-120	
Benzo(g,h,i)perylene	0.666	0.686	103	43.0-120	
Benzo(a)pyrene	0.666	0.718	108	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.465	69.8	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.605	90.8	16.0-120	
Bis(2-chloroisopropyl)ether	0.666	0.580	87.1	23.0-120	
4-Bromophenyl-phenylether	0.666	0.684	103	40.0-120	
2-Chloronaphthalene	0.666	0.609	91.4	35.0-120	

Laboratory Control Sample (LCS)

(LCS) R3416810-1 05/30/19 16:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Chlorophenyl-phenylether	0.666	0.714	107	40.0-120	
Chrysene	0.666	0.670	101	43.0-120	
Dibenz(a,h)anthracene	0.666	0.696	105	44.0-120	
3,3-Dichlorobenzidine	1.33	1.39	105	28.0-120	
2,4-Dinitrotoluene	0.666	0.769	115	45.0-120	
2,6-Dinitrotoluene	0.666	0.707	106	42.0-120	
Fluoranthene	0.666	0.701	105	44.0-120	
Fluorene	0.666	0.722	108	41.0-120	
Hexachlorobenzene	0.666	0.639	95.9	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.449	67.4	15.0-120	
Hexachlorocyclopentadiene	0.666	0.565	84.8	15.0-120	
Hexachloroethane	0.666	0.537	80.6	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.722	108	45.0-120	
Isophorone	0.666	0.465	69.8	23.0-120	
Naphthalene	0.666	0.461	69.2	18.0-120	
Nitrobenzene	0.666	0.453	68.0	17.0-120	
n-Nitrosodimethylamine	0.666	0.556	83.5	10.0-125	
n-Nitrosodiphenylamine	0.666	0.654	98.2	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.635	95.3	26.0-120	
Phenanthrene	0.666	0.661	99.2	42.0-120	
Benzylbutyl phthalate	0.666	0.764	115	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.771	116	41.0-120	
Di-n-butyl phthalate	0.666	0.718	108	43.0-120	
Diethyl phthalate	0.666	0.721	108	43.0-120	
Dimethyl phthalate	0.666	0.713	107	43.0-120	
Di-n-octyl phthalate	0.666	0.792	119	40.0-120	
Pyrene	0.666	0.697	105	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.466	70.0	17.0-120	
4-Chloro-3-methylphenol	0.666	0.582	87.4	28.0-120	
2-Chlorophenol	0.666	0.680	102	28.0-120	
2,4-Dichlorophenol	0.666	0.583	87.5	25.0-120	
2,4-Dimethylphenol	0.666	0.542	81.4	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.716	108	16.0-120	
2,4-Dinitrophenol	0.666	0.472	70.9	10.0-120	
2-Nitrophenol	0.666	0.545	81.8	20.0-120	
4-Nitrophenol	0.666	0.619	92.9	27.0-120	
Pentachlorophenol	0.666	0.587	88.1	29.0-120	
Phenol	0.666	0.712	107	28.0-120	
2,4,6-Trichlorophenol	0.666	0.768	115	37.0-120	
(S) Nitrobenzene-d5			*73.3*	*10.0-122*	

Laboratory Control Sample (LCS)

(LCS) R3416810-1 05/30/19 16:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) 2-Fluorobiphenyl			*95.8*	*15.0-120*	
(S) p-Terphenyl-d14			*110*	*10.0-120*	
(S) Phenol-d5			*105*	*10.0-120*	
(S) 2-Fluorophenol			*117*	*12.0-120*	
(S) 2,4,6-Tribromophenol			*114*	*10.0-127*	

L1102115-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-02 05/30/19 20:29 • (MS) R3416810-3 05/30/19 20:49 • (MSD) R3416810-4 05/30/19 21:08

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.829	U	0.514	0.488	62.0	58.9	1	18.0-120			5.22	32
Acenaphthylene	0.829	U	0.523	0.509	63.1	61.4	1	25.0-120			2.65	32
Anthracene	0.829	U	0.584	0.504	70.4	60.8	1	22.0-120			14.6	29
Benzidine	1.66	U	0.558	0.576	33.7	34.8	1	1.00-120			3.29	40
Benzo(a)anthracene	0.829	U	0.691	0.584	83.3	70.4	1	25.0-120			16.8	29
Benzo(b)fluoranthene	0.829	U	0.656	0.570	79.1	68.8	1	19.0-122			14.0	31
Benzo(k)fluoranthene	0.829	U	0.667	0.550	80.5	66.4	1	23.0-120			19.2	30
Benzo(g,h,i)perylene	0.829	U	0.647	0.529	78.1	63.8	1	10.0-120			20.1	33
Benzo(a)pyrene	0.829	U	0.670	0.566	80.8	68.3	1	24.0-120			16.7	30
Bis(2-chlorethoxy)methane	0.829	U	0.368	0.396	44.4	47.7	1	10.0-120			7.17	34
Bis(2-chloroethyl)ether	0.829	U	0.474	0.454	57.2	54.8	1	10.0-120			4.29	40
Bis(2-chloroisopropyl)ether	0.829	U	0.416	0.418	50.2	50.5	1	10.0-120			0.597	40
4-Bromophenyl-phenylether	0.829	U	0.580	0.493	70.0	59.5	1	27.0-120			16.2	30
2-Chloronaphthalene	0.829	U	0.451	0.447	54.4	53.9	1	20.0-120			0.832	32
4-Chlorophenyl-phenylether	0.829	U	0.563	0.554	67.9	66.8	1	24.0-120			1.56	29
Chrysene	0.829	U	0.606	0.513	73.1	61.9	1	21.0-120			16.7	29
Dibenz(a,h)anthracene	0.829	U	0.647	0.548	78.1	66.1	1	10.0-120			16.7	32
3,3-Dichlorobenzidine	1.66	U	1.29	1.14	78.2	68.9	1	10.0-120			12.6	34
2,4-Dinitrotoluene	0.829	U	0.656	0.698	79.1	84.2	1	30.0-120			6.25	31
2,6-Dinitrotoluene	0.829	U	0.566	0.594	68.3	71.6	1	25.0-120			4.72	31
Fluoranthene	0.829	U	0.625	0.545	75.4	65.8	1	18.0-126			13.6	32
Fluorene	0.829	U	0.584	0.583	70.4	70.3	1	25.0-120			0.213	30
Hexachlorobenzene	0.829	U	0.601	0.508	72.5	61.3	1	27.0-120			16.8	28
Hexachloro-1,3-butadiene	0.829	U	0.349	0.365	42.0	44.0	1	10.0-120			4.54	38
Hexachlorocyclopentadiene	0.829	U	0.194	0.138	23.4	16.7	1	10.0-120			33.7	40
Hexachloroethane	0.829	U	0.366	0.377	44.1	45.5	1	10.0-120			3.02	40
Indeno(1,2,3-cd)pyrene	0.829	U	0.681	0.554	82.1	66.8	1	10.0-120			20.6	32
Isophorone	0.829	U	0.386	0.421	46.5	50.8	1	13.0-120			8.64	34

L1102115-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-02 05/30/19 20:29 • (MS) R3416810-3 05/30/19 20:49 • (MSD) R3416810-4 05/30/19 21:08

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.829	U	0.350	0.370	42.2	44.6	1	10.0-120			5.54	35
Nitrobenzene	0.829	U	0.350	0.403	42.2	48.6	1	10.0-120			14.2	36
n-Nitrosodimethylamine	0.829	U	0.426	0.469	51.4	56.6	1	10.0-127			9.74	40
n-Nitrosodiphenylamine	0.829	U	0.580	0.493	70.0	59.5	1	17.0-120			16.2	29
n-Nitrosodi-n-propylamine	0.829	U	0.476	0.500	57.4	60.4	1	10.0-120			5.10	37
Phenanthrene	0.829	U	0.583	0.518	70.3	62.5	1	17.0-120			11.8	31
Benzylbutyl phthalate	0.829	U	0.712	0.569	85.9	68.6	1	23.0-120			22.4	30
Bis(2-ethylhexyl)phthalate	0.829	U	0.715	0.594	86.2	71.6	1	17.0-126			18.5	30
Di-n-butyl phthalate	0.829	U	0.646	0.580	77.9	70.0	1	30.0-120			10.8	29
Diethyl phthalate	0.829	U	0.616	0.627	74.3	75.7	1	26.0-120			1.80	28
Dimethyl phthalate	0.829	U	0.591	0.614	71.3	74.0	1	25.0-120			3.72	29
Di-n-octyl phthalate	0.829	U	0.749	0.614	90.4	74.0	1	21.0-123			19.9	29
Pyrene	0.829	U	0.663	0.539	80.0	65.0	1	16.0-121			20.7	32
1,2,4-Trichlorobenzene	0.829	U	0.351	0.362	42.3	43.7	1	12.0-120			3.14	37
4-Chloro-3-methylphenol	0.829	U	0.555	0.602	67.0	72.7	1	15.0-120			8.17	30
2-Chlorophenol	0.829	U	0.489	0.554	59.0	66.8	1	15.0-120			12.4	37
2,4-Dichlorophenol	0.829	U	0.503	0.540	60.7	65.2	1	20.0-120			7.16	31
2,4-Dimethylphenol	0.829	U	0.473	0.532	57.1	64.1	1	10.0-120			11.6	33
4,6-Dinitro-2-methylphenol	0.829	U	0.721	0.650	86.9	78.4	1	10.0-120			10.4	39
2,4-Dinitrophenol	0.829	U	0.597	0.693	72.1	83.6	1	10.0-121			14.9	40
2-Nitrophenol	0.829	U	0.467	0.503	56.3	60.7	1	12.0-120			7.45	39
4-Nitrophenol	0.829	U	0.602	0.581	72.7	70.1	1	10.0-137			3.58	32
Pentachlorophenol	0.829	U	0.476	0.502	57.4	60.5	1	10.0-160			5.35	31
Phenol	0.829	U	0.543	0.710	65.5	85.6	1	12.0-120			26.6	38
2,4,6-Trichlorophenol	0.829	U	0.529	0.561	63.8	67.7	1	19.0-120			5.94	32
(S) Nitrobenzene-d5					*46.5*	*42.0*		*10.0-122*				
(S) 2-Fluorobiphenyl					*54.7*	*53.2*		*15.0-120*				
(S) p-Terphenyl-d14					*81.7*	*67.9*		*10.0-120*				
(S) Phenol-d5					*68.2*	*77.6*		*10.0-120*				
(S) 2-Fluorophenol					*71.9*	*76.1*		*12.0-120*				
(S) 2,4,6-Tribromophenol					*58.9*	*57.1*		*10.0-127*				

Method Blank (MB)

(MB) R3416799-2 05/30/19 18:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00642	0.0333
Acenaphthylene	U		0.00671	0.0333
Anthracene	U		0.00632	0.0333
Benzidine	U		0.0637	0.333
Benzo(a)anthracene	U		0.00428	0.0333
Benzo(b)fluoranthene	U		0.00695	0.0333
Benzo(k)fluoranthene	U		0.00582	0.0333
Benzo(g,h,i)perylene	U		0.00721	0.0333
Benzo(a)pyrene	U		0.00548	0.0333
Bis(2-chlorethoxy)methane	U		0.00770	0.333
Bis(2-chloroethyl)ether	U		0.00896	0.333
Bis(2-chloroisopropyl)ether	U		0.00760	0.333
4-Bromophenyl-phenylether	U		0.0114	0.333
2-Chloronaphthalene	U		0.00639	0.0333
4-Chlorophenyl-phenylether	U		0.00627	0.333
Chrysene	U		0.00555	0.0333
Dibenz(a,h)anthracene	U		0.00821	0.0333
3,3-Dichlorobenzidine	U		0.0794	0.333
2,4-Dinitrotoluene	U		0.00607	0.333
2,6-Dinitrotoluene	U		0.00737	0.333
Fluoranthene	U		0.00496	0.0333
Fluorene	U		0.00682	0.0333
Hexachlorobenzene	U		0.00856	0.333
Hexachloro-1,3-butadiene	U		0.0100	0.333
Hexachlorocyclopentadiene	U		0.0587	0.333
Hexachloroethane	U		0.0134	0.333
Indeno(1,2,3-cd)pyrene	U		0.00772	0.0333
Isophorone	U		0.00522	0.333
Naphthalene	U		0.00889	0.0333
Nitrobenzene	U		0.00695	0.333
n-Nitrosodimethylamine	U		0.0647	0.333
n-Nitrosodiphenylamine	U		0.0900	0.333
n-Nitrosodi-n-propylamine	U		0.00906	0.333
Phenanthrene	U		0.00528	0.0333
Benzylbutyl phthalate	U		0.0103	0.333
Bis(2-ethylhexyl)phthalate	U		0.0120	0.333
Di-n-butyl phthalate	U		0.0109	0.333
Diethyl phthalate	U		0.00691	0.333
Dimethyl phthalate	U		0.00540	0.333
Di-n-octyl phthalate	U		0.00907	0.333

Method Blank (MB)

(MB) R3416799-2 05/30/19 18:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.0123	0.0333
1,2,4-Trichlorobenzene	U		0.00876	0.333
4-Chloro-3-methylphenol	U		0.00477	0.333
2-Chlorophenol	U		0.00831	0.333
2,4-Dichlorophenol	U		0.00746	0.333
2,4-Dimethylphenol	U		0.0471	0.333
4,6-Dinitro-2-methylphenol	U		0.124	0.333
2,4-Dinitrophenol	U		0.0980	0.333
2-Nitrophenol	U		0.0130	0.333
4-Nitrophenol	U		0.0525	0.333
Pentachlorophenol	U		0.0480	0.333
Phenol	U		0.00695	0.333
2,4,6-Trichlorophenol	U		0.00779	0.333
(S) Nitrobenzene-d5	*63.7*			*10.0-122*
(S) 2-Fluorobiphenyl	*71.5*			*15.0-120*
(S) p-Terphenyl-d14	*83.5*			*10.0-120*
(S) Phenol-d5	*74.0*			*10.0-120*
(S) 2-Fluorophenol	*85.3*			*12.0-120*
(S) 2,4,6-Tribromophenol	*73.9*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3416799-1 05/30/19 17:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.490	73.6	38.0-120	
Acenaphthylene	0.666	0.526	79.0	40.0-120	
Anthracene	0.666	0.496	74.5	42.0-120	
Benzidine	1.33	0.393	29.5	1.00-120	
Benzo(a)anthracene	0.666	0.569	85.4	44.0-120	
Benzo(b)fluoranthene	0.666	0.525	78.8	43.0-120	
Benzo(k)fluoranthene	0.666	0.507	76.1	44.0-120	
Benzo(g,h,i)perylene	0.666	0.497	74.6	43.0-120	
Benzo(a)pyrene	0.666	0.536	80.5	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.347	52.1	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.446	67.0	16.0-120	
Bis(2-chloroisopropyl)ether	0.666	0.424	63.7	23.0-120	
4-Bromophenyl-phenylether	0.666	0.466	70.0	40.0-120	
2-Chloronaphthalene	0.666	0.463	69.5	35.0-120	

Laboratory Control Sample (LCS)

(LCS) R3416799-1 05/30/19 17:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Chlorophenyl-phenylether	0.666	0.480	72.1	40.0-120	
Chrysene	0.666	0.483	72.5	43.0-120	
Dibenz(a,h)anthracene	0.666	0.502	75.4	44.0-120	
3,3-Dichlorobenzidine	1.33	0.977	73.5	28.0-120	
2,4-Dinitrotoluene	0.666	0.534	80.2	45.0-120	
2,6-Dinitrotoluene	0.666	0.547	82.1	42.0-120	
Fluoranthene	0.666	0.479	71.9	44.0-120	
Fluorene	0.666	0.486	73.0	41.0-120	
Hexachlorobenzene	0.666	0.460	69.1	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.343	51.5	15.0-120	
Hexachlorocyclopentadiene	0.666	0.462	69.4	15.0-120	
Hexachloroethane	0.666	0.422	63.4	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.524	78.7	45.0-120	
Isophorone	0.666	0.366	55.0	23.0-120	
Naphthalene	0.666	0.395	59.3	18.0-120	
Nitrobenzene	0.666	0.354	53.2	17.0-120	
n-Nitrosodimethylamine	0.666	0.365	54.8	10.0-125	
n-Nitrosodiphenylamine	0.666	0.512	76.9	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.433	65.0	26.0-120	
Phenanthrene	0.666	0.485	72.8	42.0-120	
Benzylbutyl phthalate	0.666	0.661	99.2	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.649	97.4	41.0-120	
Di-n-butyl phthalate	0.666	0.562	84.4	43.0-120	
Diethyl phthalate	0.666	0.527	79.1	43.0-120	
Dimethyl phthalate	0.666	0.500	75.1	43.0-120	
Di-n-octyl phthalate	0.666	0.623	93.5	40.0-120	
Pyrene	0.666	0.560	84.1	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.359	53.9	17.0-120	
4-Chloro-3-methylphenol	0.666	0.449	67.4	28.0-120	
2-Chlorophenol	0.666	0.535	80.3	28.0-120	
2,4-Dichlorophenol	0.666	0.436	65.5	25.0-120	
2,4-Dimethylphenol	0.666	0.426	64.0	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.618	92.8	16.0-120	
2,4-Dinitrophenol	0.666	0.523	78.5	10.0-120	
2-Nitrophenol	0.666	0.503	75.5	20.0-120	
4-Nitrophenol	0.666	0.555	83.3	27.0-120	
Pentachlorophenol	0.666	0.501	75.2	29.0-120	
Phenol	0.666	0.495	74.3	28.0-120	
2,4,6-Trichlorophenol	0.666	0.566	85.0	37.0-120	
(S) Nitrobenzene-d5			*60.1*	*10.0-122*	

Laboratory Control Sample (LCS)

(LCS) R3416799-1 05/30/19 17:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) 2-Fluorobiphenyl			*71.8*	*15.0-120*	
(S) p-Terphenyl-d14			*78.7*	*10.0-120*	
(S) Phenol-d5			*75.5*	*10.0-120*	
(S) 2-Fluorophenol			*84.5*	*12.0-120*	
(S) 2,4,6-Tribromophenol			*79.0*	*10.0-127*	

L1102115-32 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-32 05/30/19 23:52 • (MS) R3416799-3 05/31/19 00:11 • (MSD) R3416799-4 05/31/19 00:30

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.810	U	0.627	0.578	77.5	71.3	10	18.0-120			8.27	32
Acenaphthylene	0.810	U	0.657	0.621	81.1	76.7	10	25.0-120			5.52	32
Anthracene	0.810	U	0.612	0.597	75.5	73.7	10	22.0-120			2.41	29
Benzidine	1.62	U	ND	ND	0.000	0.000	10	1.00-120	J6	J6	0.000	40
Benzo(a)anthracene	0.810	U	0.700	0.650	86.5	80.3	10	25.0-120			7.38	29
Benzo(b)fluoranthene	0.810	U	0.643	0.612	79.4	75.5	10	19.0-122			5.04	31
Benzo(k)fluoranthene	0.810	U	0.596	0.578	73.6	71.3	10	23.0-120			3.11	30
Benzo(g,h,i)perylene	0.810	U	0.608	0.592	75.1	73.1	10	10.0-120			2.63	33
Benzo(a)pyrene	0.810	U	0.646	0.613	79.7	75.7	10	24.0-120			5.22	30
Bis(2-chlorethoxy)methane	0.810	U	0.534	0.490	65.9	60.5	10	10.0-120			8.55	34
Bis(2-chloroethyl)ether	0.810	U	0.567	0.492	70.0	60.8	10	10.0-120			14.0	40
Bis(2-chloroisopropyl)ether	0.810	U	0.573	0.469	70.7	58.0	10	10.0-120			19.8	40
4-Bromophenyl-phenylether	0.810	U	0.547	0.530	67.6	65.5	10	27.0-120			3.16	30
2-Chloronaphthalene	0.810	U	0.588	0.574	72.7	70.9	10	20.0-120			2.51	32
4-Chlorophenyl-phenylether	0.810	U	0.590	0.567	72.8	70.0	10	24.0-120			4.00	29
Chrysene	0.810	U	0.616	0.585	76.1	72.2	10	21.0-120			5.26	29
Dibenz(a,h)anthracene	0.810	U	0.595	0.556	73.4	68.6	10	10.0-120			6.77	32
3,3-Dichlorobenzidine	1.62	U	1.12	1.07	69.0	66.4	10	10.0-120			3.89	34
2,4-Dinitrotoluene	0.810	U	0.537	0.534	66.4	65.9	10	30.0-120			0.681	31
2,6-Dinitrotoluene	0.810	U	0.631	0.547	77.9	67.6	10	25.0-120			14.2	31
Fluoranthene	0.810	U	0.632	0.598	78.1	73.9	10	18.0-126			5.53	32
Fluorene	0.810	U	0.624	0.575	77.0	71.0	10	25.0-120			8.11	30
Hexachlorobenzene	0.810	U	0.557	0.576	68.8	71.2	10	27.0-120			3.43	28
Hexachloro-1,3-butadiene	0.810	U	0.551	0.472	68.0	58.3	10	10.0-120			15.5	38
Hexachlorocyclopentadiene	0.810	U	ND	ND	0.000	0.000	10	10.0-120	J6	J6	0.000	40
Hexachloroethane	0.810	U	0.559	0.473	69.1	58.4	10	10.0-120			16.7	40
Indeno(1,2,3-cd)pyrene	0.810	U	0.646	0.615	79.7	76.0	10	10.0-120			4.82	32
Isophorone	0.810	U	0.556	0.517	68.6	63.8	10	13.0-120			7.26	34

L1102115-32 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102115-32 05/30/19 23:52 • (MS) R3416799-3 05/31/19 00:11 • (MSD) R3416799-4 05/31/19 00:30

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.810	U	0.609	0.558	75.2	68.9	10	10.0-120			8.75	35
Nitrobenzene	0.810	U	0.526	0.506	65.0	62.5	10	10.0-120			4.00	36
n-Nitrosodimethylamine	0.810	U	ND	ND	0.000	0.000	10	10.0-127	J6	J6	0.000	40
n-Nitrosodiphenylamine	0.810	U	ND	ND	0.000	0.000	10	17.0-120	J6	J6	0.000	29
n-Nitrosodi-n-propylamine	0.810	U	0.551	0.479	68.0	59.2	10	10.0-120			13.9	37
Phenanthrene	0.810	U	0.626	0.581	77.3	71.8	10	17.0-120			7.45	31
Benzylbutyl phthalate	0.810	U	0.793	0.748	97.9	92.3	10	23.0-120			5.84	30
Bis(2-ethylhexyl)phthalate	0.810	U	0.776	0.739	95.8	91.3	10	17.0-126			4.82	30
Di-n-butyl phthalate	0.810	U	0.663	0.652	81.8	80.5	10	30.0-120			1.67	29
Diethyl phthalate	0.810	U	0.636	0.599	78.5	74.0	10	26.0-120			5.91	28
Dimethyl phthalate	0.810	U	0.613	0.569	75.7	70.3	10	25.0-120			7.41	29
Di-n-octyl phthalate	0.810	U	0.931	0.894	115	110	10	21.0-123			4.13	29
Pyrene	0.810	U	0.681	0.638	84.1	78.8	10	16.0-121			6.45	32
1,2,4-Trichlorobenzene	0.810	U	0.539	0.499	66.5	61.6	10	12.0-120			7.74	37
4-Chloro-3-methylphenol	0.810	U	0.653	0.663	80.6	81.8	10	15.0-120			1.48	30
2-Chlorophenol	0.810	U	0.676	0.610	83.5	75.4	10	15.0-120			10.2	37
2,4-Dichlorophenol	0.810	U	0.632	0.580	78.1	71.6	10	20.0-120			8.63	31
2,4-Dimethylphenol	0.810	U	0.603	0.573	74.5	0.000	10	10.0-120		J3 J6	200	33
4,6-Dinitro-2-methylphenol	0.810	U	ND	ND	0.000	0.000	10	10.0-120	J6	J6	0.000	39
2,4-Dinitrophenol	0.810	U	1.39	1.34	171	165	10	10.0-121	J5	J5	3.57	40
2-Nitrophenol	0.810	U	0.680	0.681	83.9	84.1	10	12.0-120			0.179	39
4-Nitrophenol	0.810	U	ND	ND	0.000	0.000	10	10.0-137	J6	J6	0.000	32
Pentachlorophenol	0.810	U	0.782	0.781	96.5	96.4	10	10.0-160			0.156	31
Phenol	0.810	U	0.635	0.568	78.4	70.1	10	12.0-120			11.1	38
2,4,6-Trichlorophenol	0.810	U	0.612	0.582	75.5	71.9	10	19.0-120			4.89	32
(S) Nitrobenzene-d5					*73.3*	*67.6*		*10.0-122*				
(S) 2-Fluorobiphenyl					*71.5*	*70.9*		*15.0-120*				
(S) p-Terphenyl-d14					*74.5*	*73.9*		*10.0-120*				
(S) Phenol-d5					*78.7*	*69.7*		*10.0-120*				
(S) 2-Fluorophenol					*88.3*	*81.8*		*12.0-120*				
(S) 2,4,6-Tribromophenol					*71.3*	*73.1*		*10.0-127*				

Sample Narrative:

OS: Dilution due to matrix impact during extract concentration procedure

Method Blank (MB)

(MB) R3416818-2 05/30/19 15:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00642	0.0333
Acenaphthylene	U		0.00671	0.0333
Anthracene	U		0.00632	0.0333
Benzidine	U		0.0637	0.333
Benzo(a)anthracene	U		0.00428	0.0333
Benzo(b)fluoranthene	U		0.00695	0.0333
Benzo(k)fluoranthene	U		0.00582	0.0333
Benzo(g,h,i)perylene	U		0.00721	0.0333
Benzo(a)pyrene	U		0.00548	0.0333
Bis(2-chlorethoxy)methane	U		0.00770	0.333
Bis(2-chloroethyl)ether	U		0.00896	0.333
Bis(2-chloroisopropyl)ether	U		0.00760	0.333
4-Bromophenyl-phenylether	U		0.0114	0.333
2-Chloronaphthalene	U		0.00639	0.0333
4-Chlorophenyl-phenylether	U		0.00627	0.333
Chrysene	U		0.00555	0.0333
Dibenz(a,h)anthracene	U		0.00821	0.0333
3,3-Dichlorobenzidine	U		0.0794	0.333
2,4-Dinitrotoluene	U		0.00607	0.333
2,6-Dinitrotoluene	U		0.00737	0.333
Fluoranthene	U		0.00496	0.0333
Fluorene	U		0.00682	0.0333
Hexachlorobenzene	U		0.00856	0.333
Hexachloro-1,3-butadiene	U		0.0100	0.333
Hexachlorocyclopentadiene	U		0.0587	0.333
Hexachloroethane	U		0.0134	0.333
Indeno(1,2,3-cd)pyrene	U		0.00772	0.0333
Isophorone	U		0.00522	0.333
Naphthalene	U		0.00889	0.0333
Nitrobenzene	U		0.00695	0.333
n-Nitrosodimethylamine	U		0.0647	0.333
n-Nitrosodiphenylamine	U		0.0900	0.333
n-Nitrosodi-n-propylamine	U		0.00906	0.333
Phenanthrene	U		0.00528	0.0333
Benzylbutyl phthalate	U		0.0103	0.333
Bis(2-ethylhexyl)phthalate	U		0.0120	0.333
Di-n-butyl phthalate	U		0.0109	0.333
Diethyl phthalate	U		0.00691	0.333
Dimethyl phthalate	U		0.00540	0.333
Di-n-octyl phthalate	U		0.00907	0.333

Method Blank (MB)

(MB) R3416818-2 05/30/19 15:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.0123	0.0333
1,2,4-Trichlorobenzene	U		0.00876	0.333
4-Chloro-3-methylphenol	U		0.00477	0.333
2-Chlorophenol	U		0.00831	0.333
2,4-Dichlorophenol	U		0.00746	0.333
2,4-Dimethylphenol	U		0.0471	0.333
4,6-Dinitro-2-methylphenol	U		0.124	0.333
2,4-Dinitrophenol	U		0.0980	0.333
2-Nitrophenol	U		0.0130	0.333
4-Nitrophenol	U		0.0525	0.333
Pentachlorophenol	U		0.0480	0.333
Phenol	U		0.00695	0.333
2,4,6-Trichlorophenol	U		0.00779	0.333
(S) Nitrobenzene-d5	*85.6*			*10.0-122*
(S) 2-Fluorobiphenyl	*90.1*			*15.0-120*
(S) p-Terphenyl-d14	*98.5*			*10.0-120*
(S) Phenol-d5	*88.4*			*10.0-120*
(S) 2-Fluorophenol	*101*			*12.0-120*
(S) 2,4,6-Tribromophenol	*97.4*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3416818-1 05/30/19 15:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.632	94.9	38.0-120	
Acenaphthylene	0.666	0.683	103	40.0-120	
Anthracene	0.666	0.699	105	42.0-120	
Benzidine	1.33	0.327	24.6	1.00-120	
Benzo(a)anthracene	0.666	0.774	116	44.0-120	
Benzo(b)fluoranthene	0.666	0.739	111	43.0-120	
Benzo(k)fluoranthene	0.666	0.729	109	44.0-120	
Benzo(g,h,i)perylene	0.666	0.714	107	43.0-120	
Benzo(a)pyrene	0.666	0.735	110	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.462	69.4	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.615	92.3	16.0-120	
Bis(2-chloroisopropyl)ether	0.666	0.550	82.6	23.0-120	
4-Bromophenyl-phenylether	0.666	0.737	111	40.0-120	
2-Chloronaphthalene	0.666	0.625	93.8	35.0-120	

Laboratory Control Sample (LCS)

(LCS) R3416818-1 05/30/19 15:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Chlorophenyl-phenylether	0.666	0.684	103	40.0-120	
Chrysene	0.666	0.682	102	43.0-120	
Dibenz(a,h)anthracene	0.666	0.736	111	44.0-120	
3,3-Dichlorobenzidine	1.33	1.31	98.5	28.0-120	
2,4-Dinitrotoluene	0.666	0.703	106	45.0-120	
2,6-Dinitrotoluene	0.666	0.702	105	42.0-120	
Fluoranthene	0.666	0.731	110	44.0-120	
Fluorene	0.666	0.665	99.8	41.0-120	
Hexachlorobenzene	0.666	0.738	111	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.491	73.7	15.0-120	
Hexachlorocyclopentadiene	0.666	0.622	93.4	15.0-120	
Hexachloroethane	0.666	0.524	78.7	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.726	109	45.0-120	
Isophorone	0.666	0.473	71.0	23.0-120	
Naphthalene	0.666	0.475	71.3	18.0-120	
Nitrobenzene	0.666	0.459	68.9	17.0-120	
n-Nitrosodimethylamine	0.666	0.529	79.4	10.0-125	
n-Nitrosodiphenylamine	0.666	0.716	108	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.598	89.8	26.0-120	
Phenanthrene	0.666	0.698	105	42.0-120	
Benzylbutyl phthalate	0.666	0.669	100	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.644	96.7	41.0-120	
Di-n-butyl phthalate	0.666	0.702	105	43.0-120	
Diethyl phthalate	0.666	0.663	99.5	43.0-120	
Dimethyl phthalate	0.666	0.677	102	43.0-120	
Di-n-octyl phthalate	0.666	0.684	103	40.0-120	
Pyrene	0.666	0.705	106	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.484	72.7	17.0-120	
4-Chloro-3-methylphenol	0.666	0.560	84.1	28.0-120	
2-Chlorophenol	0.666	0.663	99.5	28.0-120	
2,4-Dichlorophenol	0.666	0.563	84.5	25.0-120	
2,4-Dimethylphenol	0.666	0.536	80.5	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.730	110	16.0-120	
2,4-Dinitrophenol	0.666	0.501	75.2	10.0-120	
2-Nitrophenol	0.666	0.500	75.1	20.0-120	
4-Nitrophenol	0.666	0.660	99.1	27.0-120	
Pentachlorophenol	0.666	0.747	112	29.0-120	
Phenol	0.666	0.680	102	28.0-120	
2,4,6-Trichlorophenol	0.666	0.716	108	37.0-120	
(S) Nitrobenzene-d5			*69.7*	*10.0-122*	

Laboratory Control Sample (LCS)

(LCS) R3416818-1 05/30/19 15:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) 2-Fluorobiphenyl			*96.1*	*15.0-120*	
(S) p-Terphenyl-d14			*110*	*10.0-120*	
(S) Phenol-d5			*97.6*	*10.0-120*	
(S) 2-Fluorophenol			*110*	*12.0-120*	
(S) 2,4,6-Tribromophenol			*115*	*10.0-127*	

L1102284-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102284-01 05/30/19 17:21 • (MS) R3416818-3 05/30/19 17:40 • (MSD) R3416818-4 05/30/19 18:00

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.795	U	0.413	0.521	52.0	65.6	1	18.0-120			23.2	32
Acenaphthylene	0.795	U	0.453	0.569	57.1	71.6	1	25.0-120			22.6	32
Anthracene	0.795	U	0.490	0.550	61.7	69.2	1	22.0-120			11.5	29
Benzidine	1.59	U	0.313	0.260	19.7	16.4	1	1.00-120			18.3	40
Benzo(a)anthracene	0.795	U	0.520	0.613	65.5	77.2	1	25.0-120			16.4	29
Benzo(b)fluoranthene	0.795	U	0.495	0.567	62.3	71.3	1	19.0-122			13.5	31
Benzo(k)fluoranthene	0.795	U	0.487	0.570	61.3	71.8	1	23.0-120			15.8	30
Benzo(g,h,i)perylene	0.795	U	0.476	0.548	59.9	68.9	1	10.0-120			14.0	33
Benzo(a)pyrene	0.795	U	0.480	0.562	60.4	70.7	1	24.0-120			15.8	30
Bis(2-chlorethoxy)methane	0.795	U	0.334	0.410	42.0	51.7	1	10.0-120			20.5	34
Bis(2-chloroethyl)ether	0.795	U	0.383	0.511	48.2	64.3	1	10.0-120			28.6	40
Bis(2-chloroisopropyl)ether	0.795	U	0.347	0.478	43.7	60.2	1	10.0-120			31.8	40
4-Bromophenyl-phenylether	0.795	U	0.495	0.593	62.3	74.6	1	27.0-120			18.0	30
2-Chloronaphthalene	0.795	U	0.410	0.525	51.7	66.1	1	20.0-120			24.5	32
4-Chlorophenyl-phenylether	0.795	U	0.462	0.568	58.1	71.5	1	24.0-120			20.6	29
Chrysene	0.795	U	0.466	0.550	58.7	69.2	1	21.0-120			16.4	29
Dibenz(a,h)anthracene	0.795	U	0.459	0.537	57.8	67.6	1	10.0-120			15.6	32
3,3-Dichlorobenzidine	1.59	U	0.938	1.03	59.1	64.7	1	10.0-120			9.11	34
2,4-Dinitrotoluene	0.795	U	0.508	0.589	64.0	74.2	1	30.0-120			14.8	31
2,6-Dinitrotoluene	0.795	U	0.476	0.579	59.9	72.8	1	25.0-120			19.5	31
Fluoranthene	0.795	U	0.517	0.587	65.0	73.9	1	18.0-126			12.8	32
Fluorene	0.795	U	0.469	0.568	59.0	71.5	1	25.0-120			19.1	30
Hexachlorobenzene	0.795	U	0.512	0.594	64.4	74.8	1	27.0-120			14.9	28
Hexachloro-1,3-butadiene	0.795	U	0.339	0.434	42.6	54.7	1	10.0-120			24.7	38
Hexachlorocyclopentadiene	0.795	U	0.373	0.509	47.0	64.1	1	10.0-120			30.8	40
Hexachloroethane	0.795	U	0.335	0.462	42.2	58.1	1	10.0-120			31.7	40
Indeno(1,2,3-cd)pyrene	0.795	U	0.471	0.544	59.3	68.5	1	10.0-120			14.3	32
Isophorone	0.795	U	0.335	0.420	42.2	52.9	1	13.0-120			22.4	34

L1102284-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1102284-01 05/30/19 17:21 • (MS) R3416818-3 05/30/19 17:40 • (MSD) R3416818-4 05/30/19 18:00

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.795	U	0.334	0.425	42.0	53.5	1	10.0-120			23.9	35
Nitrobenzene	0.795	U	0.325	0.414	40.8	52.1	1	10.0-120			24.2	36
n-Nitrosodimethylamine	0.795	U	0.322	0.440	40.5	55.4	1	10.0-127			31.0	40
n-Nitrosodiphenylamine	0.795	U	0.505	0.583	63.5	73.4	1	17.0-120			14.5	29
n-Nitrosodi-n-propylamine	0.795	U	0.391	0.509	49.2	64.1	1	10.0-120			26.2	37
Phenanthrene	0.795	U	0.494	0.566	62.2	71.2	1	17.0-120			13.5	31
Benzylbutyl phthalate	0.795	U	0.455	0.533	57.2	67.1	1	23.0-120			15.9	30
Bis(2-ethylhexyl)phthalate	0.795	U	0.426	0.501	53.6	63.1	1	17.0-126			16.2	30
Di-n-butyl phthalate	0.795	U	0.472	0.544	59.5	68.5	1	30.0-120			14.1	29
Diethyl phthalate	0.795	U	0.471	0.546	59.3	68.8	1	26.0-120			14.8	28
Dimethyl phthalate	0.795	U	0.468	0.562	58.9	70.7	1	25.0-120			18.3	29
Di-n-octyl phthalate	0.795	U	0.445	0.534	56.0	67.3	1	21.0-123			18.3	29
Pyrene	0.795	U	0.503	0.586	63.4	73.7	1	16.0-121			15.1	32
1,2,4-Trichlorobenzene	0.795	U	0.328	0.419	41.3	52.7	1	12.0-120			24.3	37
4-Chloro-3-methylphenol	0.795	U	0.422	0.496	53.2	62.5	1	15.0-120			16.1	30
2-Chlorophenol	0.795	U	0.408	0.575	51.4	72.4	1	15.0-120			34.0	37
2,4-Dichlorophenol	0.795	U	0.403	0.498	50.8	62.6	1	20.0-120			20.9	31
2,4-Dimethylphenol	0.795	U	0.390	0.472	49.1	59.5	1	10.0-120			19.1	33
4,6-Dinitro-2-methylphenol	0.795	U	0.580	0.655	73.0	82.4	1	10.0-120			12.2	39
2,4-Dinitrophenol	0.795	U	0.509	0.626	64.1	78.8	1	10.0-121			20.6	40
2-Nitrophenol	0.795	U	0.352	0.455	44.3	57.2	1	12.0-120			25.4	39
4-Nitrophenol	0.795	U	0.490	0.568	61.7	71.5	1	10.0-137			14.7	32
Pentachlorophenol	0.795	U	0.581	0.663	73.1	83.5	1	10.0-160			13.2	31
Phenol	0.795	U	0.429	0.576	54.1	72.5	1	12.0-120			29.2	38
2,4,6-Trichlorophenol	0.795	U	0.477	0.579	60.1	72.8	1	19.0-120			19.2	32
(S) Nitrobenzene-d5					*40.5*	*52.9*		*10.0-122*				
(S) 2-Fluorobiphenyl					*52.3*	*68.2*		*15.0-120*				
(S) p-Terphenyl-d14					*61.9*	*73.3*		*10.0-120*				
(S) Phenol-d5					*51.8*	*70.6*		*10.0-120*				
(S) 2-Fluorophenol					*56.9*	*78.2*		*12.0-120*				
(S) 2,4,6-Tribromophenol					*68.2*	*77.0*		*10.0-127*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J0	J0: The identification of the analyte is acceptable, but the reported concentration is an estimate. The calibration met method criteria.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
P	RPD between the primary and confirmatory analysis exceeded 40%.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

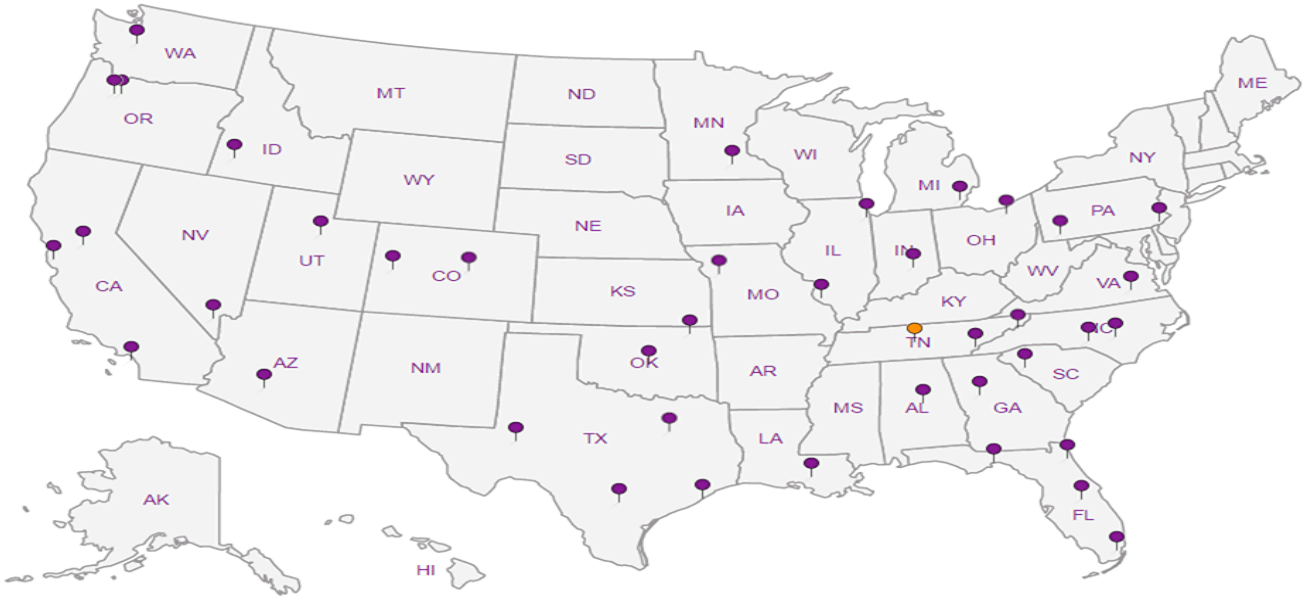
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Chain of Custody Page 1 of 6

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Report to: **Scott Bolch**

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Email To: **bolch_scott@bah.com**

Project Description: **Houston Phase II**

City/State Collected: Houston, TX

Phone: **770-634-1644**
Fax:

Client Project # Houston Phase II

Lab Project # **BOOALLHAMGA-HOUSTON**

Collected by (print): Scott A Bolch

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1102115
B033

Acctnum: **BOOALLHAMGA**
Template: **T150565**
Prelogin: **P709671**
TSR: **526 - Chris McCord**
PB: TB 5-16-19

Shipped Via: **FedEX Ground**

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8081A,SV8270(SIM)-NoPres 4oz	Remarks	Sample # (lab only)
3006-SS-12(0-2)	G	SS	0-2'	5/22/19	0827	1	X		-01
3006-SS-12(2-4)		SS	2-4'		0829	1	X		02
3006-SS-12(4-6)		SS	4-6'		0830	1	X		03
3006-SS-12(2-4)MS		SS	2-4'		0829	1	X	MS	02
3006-SS-12(2-4)MSD		SS	2-4'		0829	1	X	MSD	02
3006-SS-13(0-2)		SS	0-2'		0840	1	X		04
3006-SS-13(2-4)		SS	2-4'		0841	1	X		05
3006-SS-13(4-6)		SS	4-6'		0842	1	X		06
3006-SS-15(0-2)		SS	0-2'		0850	1	X		07
3006-SS-15(2-4)		SS	2-4'		0851	1	X		08

5-149

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

	Date:	Time:		
Relinquished by: (Signature)	5/22/19	1600	Received by: (Signature)	5/23/19 11:00
Relinquished by: (Signature)	5/23/19	19:30	Received by: (Signature)	
Relinquished by: (Signature)			Received for lab by: (Signature)	

Trip Blank Received: Yes / No (No) HCL / MeoH TBR

Temp: 4.3°F °C Bottles Received: 66
1.7+-.1=1.6

If preservation required by Login: Date/Time

Date: 5/24/19 Time: 0800

Hold:

Condition: NCF / OK

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Report to: **Scott Bolch**

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Email To: **bolch_scott@bah.com**

Project Description: **Houston Phase II**

City/State Collected: Houston, TX

Phone: **770-634-1644**
Fax:

Client Project #: Houston Phase II

Lab Project #: **BOOALLHAMGA-HOUSTON**

Collected by (print): Scott A. Bolch

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Chain of Custody Page 2 of 6

Pace Analytical®
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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1102115

Table #

Acctnum: **BOOALLHAMGA**
Template: **T150565**
Prelogin: **P709671**
TSR: **526 - Chris McCord**
PB: TB 5-16-19

Shipped Via: **FedEX Ground**

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8081A,SV8270D 4ozClr-NoPres	Pres Chk	Remarks	Sample # (lab only)
3006-SS-15(4-6)	G	SS	4-6	5/22/19	0852	1	X			09
3006-SS-14(0-2)		SS	0-2		0916	1	X			10
3006-SS-14(2-4)		SS	2-4		0917	1	X			11
3006-SS-14(4-6)		SS	4-6		0918	1	X			12
3006-SS-16(0-2)		SS	0-2		0923	1	X			13
3006-SS-16(0-2)A		SS	0-2		0923	1	X			14
3006-SS-16(2-4)		SS	2-4		0924	1	X			15
3006-SS-16(4-6)		SS	4-6		0925	1	X			16
3006-SS-17(0-2)		SS	0-2		0952	1	X			17
3006-SS-17(2-4)	↓	SS	2-4	↓	0953	1	X			18

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier $

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

	Date:	Time:		
Relinquished by : (Signature)	5/22/19	1600	Received by: (Signature)	5/23/19 11:00
Relinquished by : (Signature)	5/23/19	19:30	Received by: (Signature)	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5/24/19 Time: 0800

Trip Blank Received: Yes / (No)
HCL / MeoH
TBR

Temp: A38F °C Bottles Received: 66
1.7-.1=1.6

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Chain of Custody Page 3 of 6

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Report to: Scott Bolch

Email To: bolch_scott@bah.com

Project Description: Houston Phase II

City/State Collected: Houston, TX

Phone: 770-634-1644
Fax:

Client Project # Haston Phase II

Lab Project # BOOALLHAMGA-HOUSTON

Collected by (print): Scott A. Bolch

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8081A,SV8270D 4ozClr-NoPres	Pres Chk	Remarks	Sample # (lab only)
3006-SS-17(4-6)	G	SS	4-6'	5/22/19	0955	1	X			19
3006-SS-21(0-2)		SS	0-2'		1031	1	X			20
3006-SS-21(2-4)		SS	2-4'		1032	1	X			21
3006-SS-21(4-6)		SS	4-6'		1034	1	X			22
3006-SS-18(0-2)		SS	0-2'		1041	1	X			23
3006-SS-18(2-4)		SS	2-4'		1048	1	X			24
3006-SS-18(4-6)		SS	4-6'		1049	1	X			25
3006-SS-25(0-2)		SS	0-2		1056	1	X			26
3006-SS-25(2-4)		SS	2-4		1058	1	X			27
3006-SS-25(4-6)		SS	4-6		1059	1	X			28

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Phone: 800-767-5859
Fax: 615-758-5859

L# L1102115

Table #

Acctnum: BOOALLHAMGA

Template: T150565

Prelogin: P709671

TSR: 526 - Chris McCord

PB: TB 5-16-19

Shipped Via: FedEX Ground

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	5/22/19	1600	5/23/19 11:20		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: A3BF °C Bottles Received: 66	
	5/23/19	19:30		1.7-.1=1.6	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
				5/24/19 0800	

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Report to: Scott Bolch

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Pres Chk

Email To: bolch_scott@bah.com

Project Description: Houston Phase II

City/State Collected: Houston, TX

Phone: 770-634-1644
Fax:

Client Project # Houston Phase II

Lab Project # BOOALLHAMGA-HOUSTON

Collected by (print): Scott A. Bolch

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8081A,SV8270D 4ozClr-NoPres										Remarks	Sample # (lab only)
3006-55-26(0-2)	G	SS	0-2'	5/22/19	1107	1	X											29
3006-55-26(2-4)		SS	2-4'		1109	1	X											30
3006-55-26(4-6)		SS	4-6'		1110	1	X											31
3006-55-28(0-2)		SS	0-2'		1151	1	X											32
3006-55-28(2-4)		SS	2-4'		1155	1	X											33
3006-55-28(4-6)		SS	4-6'		1157	1	X											34
Hold 3006-55-28(0-2)MS		SS	0-2		1151	1	X										MS	32
Hold 3006-55-28(0-2)MSD		SS	0-2'		1151	1	X										MSD	32
3006-55-29(0-2)		SS	0-2'		1239	1	X											35
3006-55-29(2-4)	✓	SS	2-4'		1241	1	X											36

Hold

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Hold 3006-55-28(0-2) MS + MSD samples

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

	Date:	Time:
Relinquished by : (Signature)	5/22/19	1600
Relinquished by : (Signature)	5/23/19	19:36
Relinquished by : (Signature)		

Received by: (Signature) 5/23/19 11:20

Received by: (Signature)

Received for lab by: (Signature) Date: 5/24/19 Time: 0800

Trip Blank Received: Yes / No (circled No)
HCL / MeoH
TBR

Temp: A3BF °C 1.7-.1=1.6 Bottles Received: 66

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

Chain of Custody Page 4 of 6

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Phone: 800-767-5859
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L #

Table #

Acctnum: BOOALLHAMGA
Template: T150565
Prelogin: P709671
TSR: 526 - Chris McCord
PB: TB 5-16-19

Shipped Via: FedEX Ground

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Report to: **Scott Bolch**

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Pres Chk

Email To: **bolch_scott@bah.com**

Project Description: **Houston Phase II**

City/State Collected: Houston, TX

Phone: **770-634-1644**
Fax:

Client Project # Houston Phase II

Lab Project # **BOOALLHAMGA-HOUSTON**

Collected by (print): Scott A. Bolch

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8081A,SV8270D 4ozClr-NoPres	Remarks	Sample # (lab only)
3006-55-29(4-6)	G	SS	4-6'	5/22/19	1242	1	X		37
3006-55-30(0-2)		SS	0-2'		1254	1	X		38
3006-55-30(2-4)		SS	2-4'		1256	1	X		39
3006-55-30(4-6)		SS	4-6'		1258	1	X		40
3006-55-24(0-2)		SS	0-2'		1338	1	X		41
3006-55-24(2-4)		SS	2-4'		1339	1	X		42
3006-55-24(4-6)		SS	4-6'		1340	1	X		43
3006-55-27(0-2)		SS	0-2'		1346	1	X		44
3006-55-27(2-4)		SS	2-4'		1347	1	X		45
3006-55-27(4-6)		SS	4-6'		1348	1	X		46

Chain of Custody Page 5 of 6

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Phone: 800-767-5859
Fax: 615-758-5859

L# L1102115

Table #

Acctnum: **BOOALLHAMGA**
Template: **T150565**
Prelogin: **P709671**
TSR: **526 - Chris McCord**
PB: TB 5-16-19
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	5/22/19	1600	5/23/19 11:20		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.3BF °C Bottles Received:	
	5/23/19	19:80		1.7-.1=1.6 66	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / (OK)
				5/24/19 0800	

Booz, Allen, Hamilton - Atlanta, GA

1349 West Peachtree Street, NW
Suite 1400
Atlanta, GA 30309

Billing Information:
Shelley Baltar
1349 West Peachtree St., NW
Atlanta, GA 30309

Report to: Scott Bolch

Email To: bolch_scott@bah.com

Project Description: **Houston Phase II**

City/State Collected: Haston, TX

Phone: **770-634-1644**
Fax:

Client Project # Houston Phase II

Lab Project # **BOOALLHAMGA-HOUSTON**

Collected by (print): Scott A Bolch

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8081A 100ml Amb-NoPres	8270D 100ml Amb NoPres								Remarks	Sample # (lab only)
3006-GW-38	G	GW	—	5/22/19	1214	~~4~~ 2	~~X6~~	~~X6~~								+MS/MSD	47
3006-GW-30	G	GW	—	5/22/19	1306	4	X	X									48
		GW				~~4~~	X	X									

5/22/19

Chain of Custody Page 6 of 6

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L # L1102115

Table #

Acctnum: **BOOALLHAMGA**
Template: **T150567**
Prelogin: **P709673**
TSR: **526 - Chris McCord**
PB: 5/16/19

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	5/22/19	1600	5/23/19 11:30		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.3 °C 1.7-.1=1.6 Bottles Received: 6	
	5/23/19	19:30			
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5/24/19 Time: 0800	Hold: Condition: NCF / OK

About Booz Allen

For more than 100 years, business, government, and military leaders have turned to Booz Allen Hamilton to solve their most complex problems. They trust us to bring together the right minds: those who devote themselves to the challenge at hand, who speak with relentless candor, and who act with courage and character. They expect original solutions where there are no roadmaps. They rely on us because they know that—together—we will find the answers and change the world. To learn more, visit BoozAllen.com.