

**PHASE II ENVIRONMENTAL
SITE ASSESSMENT REPORT
2932 WASHINGTON RD
VALRICO, FL 33594
HILLSBOROUGH COUNTY**



Prepared For:

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EEC Project No 2022119

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SIGNATURE PAGE

Enclosed is a Phase II Environmental Site Assessment report, detailing soil, groundwater and geophysical investigations on property, located at 2932 Washington Road, in Valrico, Florida. The investigations were performed under my supervision, on behalf of AAG Florida Homes LLC, in accordance with standard geology practices, rules and laws of the State of Florida, governing the profession of Geology.

RH Pryor
10/26/22

Richard H. Pryor
Professional Geologist #1897

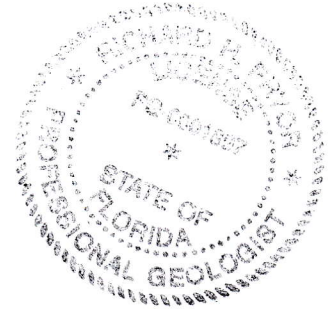


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1.0 PURPOSE

Environmental Engineering Consultants (EEC) is presenting the results from a Phase II Environmental Site Assessment (Phase II), performed on private property, located at 2932 Washington Road, in Valrico, Florida (the Property). This report is intended for the sole use and benefit of AAG Florida Homes LLC and may not be relied upon by any other party without permission of Environmental Engineering Consultants, Inc.

The purpose of this investigation was to assess recognized environmental conditions (RECs) identified in a Phase I Environmental Site Assessment (ESA), prepared by EEC, dated July 20, 2022. The information provided in this report describes the work performed during Phase II investigations and provides documentation of the factual findings.

2.0 BACKGROUND INFORMATION

The 6.27 acre Property is located at 2932 Washington Road, in Valrico, on the north side of Washington Road, approximately 500 feet east of the Washington Road and North Saint Cloud Avenue Intersection. The area is zoned Agricultural – Single Family. Land use is Single Family. The first recorded occupancy of the Property was as a single family residence in 1956. The Wiley family has owned the Property since 1956. Figure 1 is a Topographic Map for the Property and the surrounding area. Figures 2 shows the Property's location on a recent aerial.

The Phase I ESA, listed two RECs for the 2932 Washington Road Property:

- Aerial Photographs and a site walk through showed large areas of the Property were used for vehicle storage, dating back to 1965. The vehicles accumulated through approximately 2015. A large amount of the relic automobiles were removed between 2016 and present. Scattered remnants of vehicles remain across the Property. The historic usage of the Property for vehicle storage and equipment was identified as a REC.
- The observed petroleum soil contamination at Shed 2, 3 and 4 associated with vehicle maintenance was identified as a REC. The three sheds had earthen bottoms. Sheds 2 was used for chemical storage, Shed 3 appeared was used for automobile service, parts and chemical storage and Shed 4 was used for automobile service and chemical storage.

3.0 SOIL ASSESSMENT

To determine potential impact to soils on the Property, EEC performed 33 soil borings, B-1 through B-33, on a grid pattern across the Property. Soil borings were not performed on the southern area of the Property where the house was located, or the southeastern section of the Property where historically animal pens had been located. One soil sample (North Pen) was obtained from the north end of the Pen where fluorescent bulbs were found stored under a wooden shelter. The soil borings were performed to 4 feet below land surface (bls), using a

stainless-steel hand auger, pre-cleaned before each boring. Soil lithologies were logged continuously and observed for anthropogenic impacts, such as debris, petroleum staining and odors. Soil samples were collected from each soil boring for field screening, using a photo-ionization detector (PID), to determine whether soils exhibited volatile, or semi-volatile petroleum vapors. The soil samples for field screening were generally collected at 1-foot intervals. Petroleum organic vapors were measured from each sample using a Min Rae 3000 PID, after allowing at least 5 minutes for headspace development in an eight-ounce mason jar, half filled with soil. The soil boring locations are shown on Figure 3 and soil vapor PID readings are shown in Table 1.

Soil vapor readings above 10 ppm are an indicator of potential soil contamination which would need to be confirmed by laboratory analysis. However, contamination can also be present in soils with vapor readings, lower than 10 ppm. Fluctuations up to 0.2 ppm were considered to represent background conditions and not elevated concentrations of petroleum vapors. The highest soil vapor readings were shown in soil vapor samples B-27, 0.5' bls and B-31, 3.0' bls. Some soils exhibited a smell similar to eucalyptus. The odor we suspect was due to tree and weed roots in the vicinity of the respective soil boring locations. The presence of the odor coincided with some elevated soil vapor readings.

Lithologies were generally dry, brown fine sands. Various amounts of debris were observed at surface near each soil boring location, as described in Table 2 and shown in the attached pictures. In general, anthropogenic impacts were not visually observed to extend below land surface. The one exception was where 1-inch gravel mixed with fine sand was observed 1 – 2 feet bls at soil boring B-31. The gravel may have been part of a former septic drainfield. Pictures are shown in Attachment 1.

Seven soil samples were obtained for laboratory analysis, based upon a review of PID readings and visual observations. Samples were obtained at: B6 1' bls (elevated PID reading); B21 0.5' bls Shed 4 (oil containers nearby and burnt material); B27 0.5' bls (elevated PID reading); B31 3.0' bls (potential drainfield and elevated PID reading); B32 0.5' Shed 3 (rusted metal containers, light fixtures and tools, grease bucket); Shed 2 0.5' bls (chemical storage); and North Pen 0.5' bls (fluorescent bulb storage nearby). The soil samples were labeled, stored on ice, and transported under chain-of-custody to Advance Environmental Laboratories (AEL) in Tampa for analysis. The samples were analyzed for Volatile Organic Compounds (VOCs – solvent and gasoline compounds) by EPA Method 8260; Polynuclear Aromatic Hydrocarbons (PAHs – diesel fuel/heating oil/ asphalt compounds), by EPA Method 8270; Total Recoverable Petroleum Hydrocarbons (TRPH – petroleum oils), by FDEP Method FL-PRO; and the eight RCRA Metals Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver. The sample from the North Pen was only analyzed for the 8 RCRA Metals. After sampling, the borings were filled in

with native soils. The soil sample locations are shown on Figure 3. Soil boring lithologies are shown in Table 2.

Laboratory soil results were compared to Florida's Soil Cleanup Target Levels (SCTLs), in Florida Department of Environmental Protection (FDEP) Rule 62-777. The SCTLs are comprised of two Direct Exposure SCTLs for the protection of human health: one for a site in a residential setting; and one for a site in a commercial/ industrial setting. The SCTLs are also comprised of Leachability SCTLs, based upon the protection of Class II groundwater (FDEP Rule 52-520). For compliance without property restrictions, soil analytical results should be within the Residential SCTLs. If groundwater has been contaminated, soil results for those contaminants should be within the respective Leachability CTLs.

The results for soil sample Shed 2, 0.5' bls showed that the concentration of 0.17 mg/kg Total Benzo(a)pyrene Equivalents (BAPs) marginally exceeded the Residential SCTL of 0.1 mg/kg. The exceedance of the SCTL for BAPs indicates that the soils from the dirt floor at Shed 2, 0.5' are contaminated. BAPs are carcinogenic and are a subset of the semi-volatile group of PAHs. Total Benzo(a)pyrene Equivalents is a weighted sum of seven compounds: Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Chrysene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene, as stipulated in FDEP Rule 62-777. The results for the remaining PAHs and for TRPH were shown to be below their respective Residential SCTLs. There were no laboratory detections of VOCs. Soil results at the other six soil sample locations were shown to be within their respective Residential SCTLs. Elevated soil vapor readings found at some locations did not correlate to elevated laboratory analytical results. Tables 3 provides a summary of the soil results. The laboratory analytical report and chain-of-custody forms are included as Attachment 2.

4.0 GROUNDWATER ASSESSMENT

To determine the potential impact on the underlying groundwater from former activities on the site, one groundwater sample was collected from a temporary monitor well, TMW-1, near Shed 2. The groundwater sampling location represented the worst case for potential groundwater impact, based upon soil results. The well was installed as close as practical to Shed 2 where soil contamination was identified, 15 feet north of the shed, and approximately 40 southeast of B31, where underlying 1-inch gravel had been observed, possibly associated with a former drainfield. A GeoProbe hydraulic push rig was used to obtain soils to 30 feet bls to determine the depth of a water bearing unit, suitable for obtaining a groundwater sample. Lithologies were found to be dry sands for the first 8-feet bls underlain by mostly clay to 30 feet bls. Clays are naturally protective of underlying groundwater, due to their relative impermeability. At 24 feet bls, a 2-foot thick, wet clayey sand unit with heavy amounts of weathered limestone and phosphate was encountered. Groundwater was collected using the GeoProbe drill rig and a 1.5-inch diameter,

stainless steel well point. The well point was pushed to 28 feet bls and pulled back to 24 feet bls, exposing the four-foot stainless steel well screen for groundwater sampling. The temporary well was purged with a variable speed peristaltic pump, containing disposable and dedicated high-density polyethylene and silicon tubing for half an hour to clear heavy amounts of sediments. After purging, the groundwater sample was collected using the peristaltic pump. The sample was labeled, stored on ice, and transported under chain-of-custody to Advanced Environmental Laboratories, in Tampa for analysis. The sample was analyzed for VOCs by EPA Method 8260; PAHs by EPA Method 8270; TRPH, by FDEP Method FL-PRO; and the eight RCRA Metals. After sampling, the boring was filled in with native soils. The temporary well location is shown on Figure 3. The well log is shown in Attachment 3.

The groundwater results from temporary well TMW-1 were compared to the Groundwater Cleanup Target Levels (GWCTLs), in Florida Rule 62-777. The GWCTLs include the Primary and Secondary Drinking water Standards set forth in FDEP Rule 62-520, as well as thresholds for other compounds, referenced in FDEP Rule 62-777.100(2). The groundwater laboratory analytical results for TMW-1 showed an estimated concentration of 0.6 ug/l for the VOC compound 1,2,4 – Trimethylbenzene. The result was well below the GWCTL of 10 ug/l. No other VOCs were detected above laboratory detection limits. No PAHs, or TRPH were detected above laboratory detection limits. Laboratory detection limits for VOCs, PAHs and TRPH were below GWCTLs, therefore, all groundwater results for VOCs, PAHs and TRPH were shown to be below the respective GWCTLs. Detected concentrations of Barium, Chromium and Mercury were shown to be below their respective GWCTLs.

The results indicate that groundwater obtained from TMW-1, located in the southern section of the of the Property, in the vicinity of Shed 2 and a suspected former drainfield (B31), had not been contaminated by former activities on the Property. A summary of groundwater results is shown in Table 4. Complete laboratory analytical results and chain-of-custody form are included as Attachment 4.

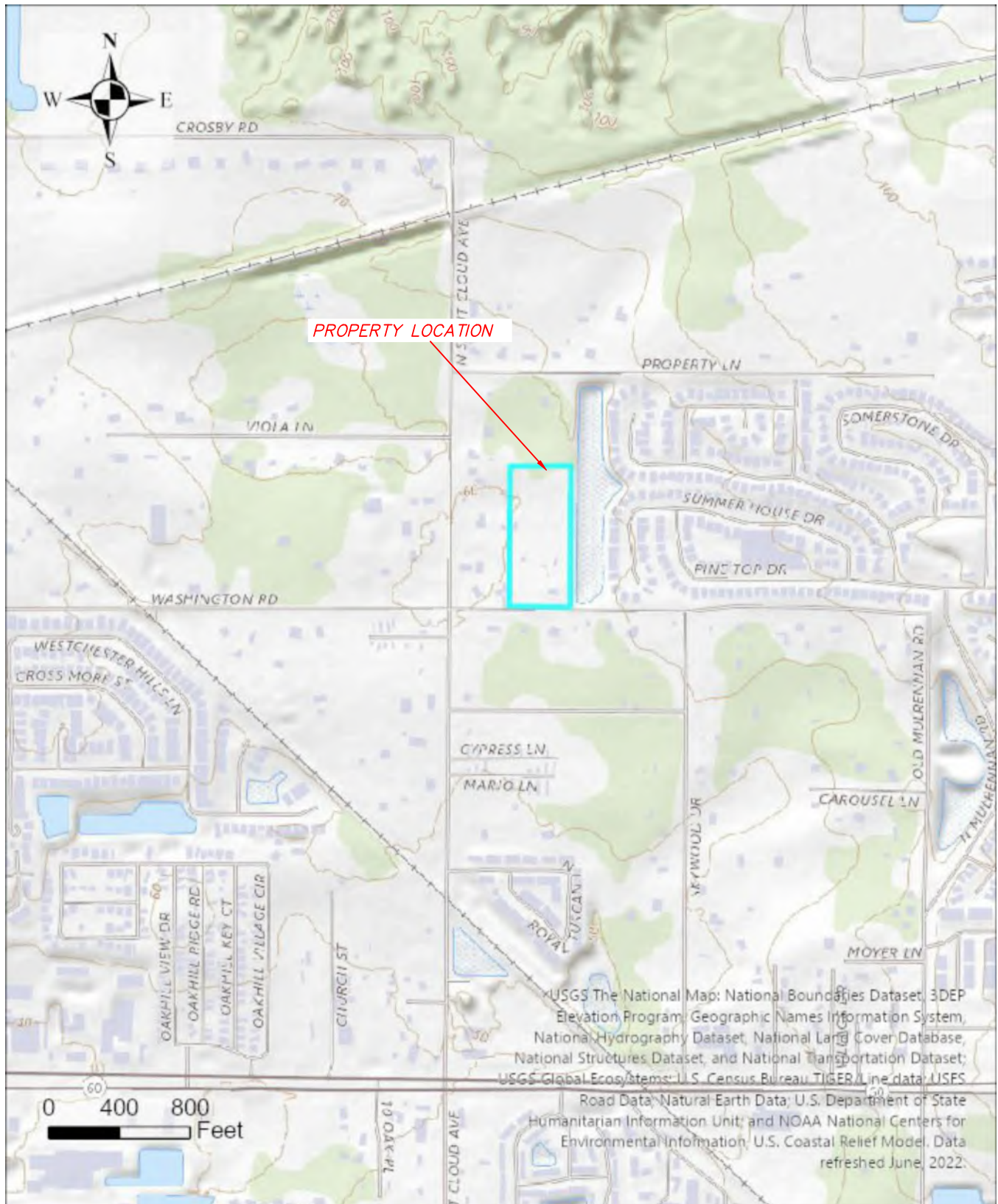
5.0 CONCLUSIONS

The Phase II investigations were intended to assess if there has been a release of contaminants on, or under the Property from former activities described herein. The Phase II was not intended to satisfy the level of inquiry that may be necessary to support remedial solutions, or determine migration pathways related to a release from the RECs. This report was prepared for the AAG Florida Homes LLC in accordance with an approved agreement governing the nature, scope, extent and purpose of the work as well as other matters critical to the engagement. This report is for the personal use of AAG Florida Homes LLC only.

Soil sampling from seven locations for potential impacts associated with former vehicle storage and maintenance sheds on the Property discovered an area of soil contamination at Shed 2. The concentration of 0.17 mg/kg BAPs marginally exceeded the Residential SCTL of 0.1 mg/kg. BAPs are commonly associated with diesel fuel, heating oil, creosote, asphalt, oil products and ash from burnt organic materials. We expect the sample results represents worst case in the immediate vicinity of Shed 2. Digging out the footprint of the shed to about 1-foot bls should be able to remediate the area. Additional soil sampling on the edges of the expected excavation and vertically at approximately 1-foot bls could be obtained prior to excavation for confirmation purposes. Estimate soil volume is 10 cubic yards (14 tons). Excavated soils should be taken to an appropriate Class I facility for disposal. Soil samples after excavation should be obtained to confirm remaining soils on the edges and below excavation meet SCTLs. Soil sample results from the other six sample locations indicated soils in the immediate vicinity of the samples locations had not been contaminated by past activities on the Property.

Groundwater was sampled in the vicinity of Shed 2 and a suspected drainfield, encountered at soil boring B31. The groundwater sampling location represented the worst case for potential groundwater impact, based upon soil results. Groundwater was shown to begin approximately 24-feet below land surface within underlying clays. Groundwater results from temporary monitor well TMW-1 were below FDEP Cleanup Groundwater Target Levels and showed the respective petroleum compounds and metals had not contaminated groundwater in the immediate vicinity of the sample location.

Debris found at surface was extensive across the Property despite the removal of many of the relic automobiles from the Property, since 2016. Debris included relic automobiles, tires, wheels, old tools, fluorescent lights, glass, rusted chemical containers, old trailer homes, PVC and metal scrap. The old chemical containers should be removed and disposed of at a hazardous chemical site as soon as possible to avoid potential additional soil or groundwater impacts. Old automobiles and stockpiled metal should go to a metals recycling facility. After removal of bulk material, the remaining debris should be the focus of some initial grubbing. Disposal of that material should be at an appropriate Class III disposal facility, as opposed to a construction and demolition debris facility, or a facility that normally accepts just soil and organic land clearing material.



DRAWING FILE # : 2022119 080622 TOPO
 LAST UPDATED : 8/6/22
 LAST PLOTTED : 8/6/22
 PLOT SCALE : 1"=800'



FIGURE 1

TOPOGRAPHIC MAP
 2932 WASHINGTON ROAD
 VALRICO, FLORIDA

DATE:
 8/6/22

SCALE:
 1"=800'

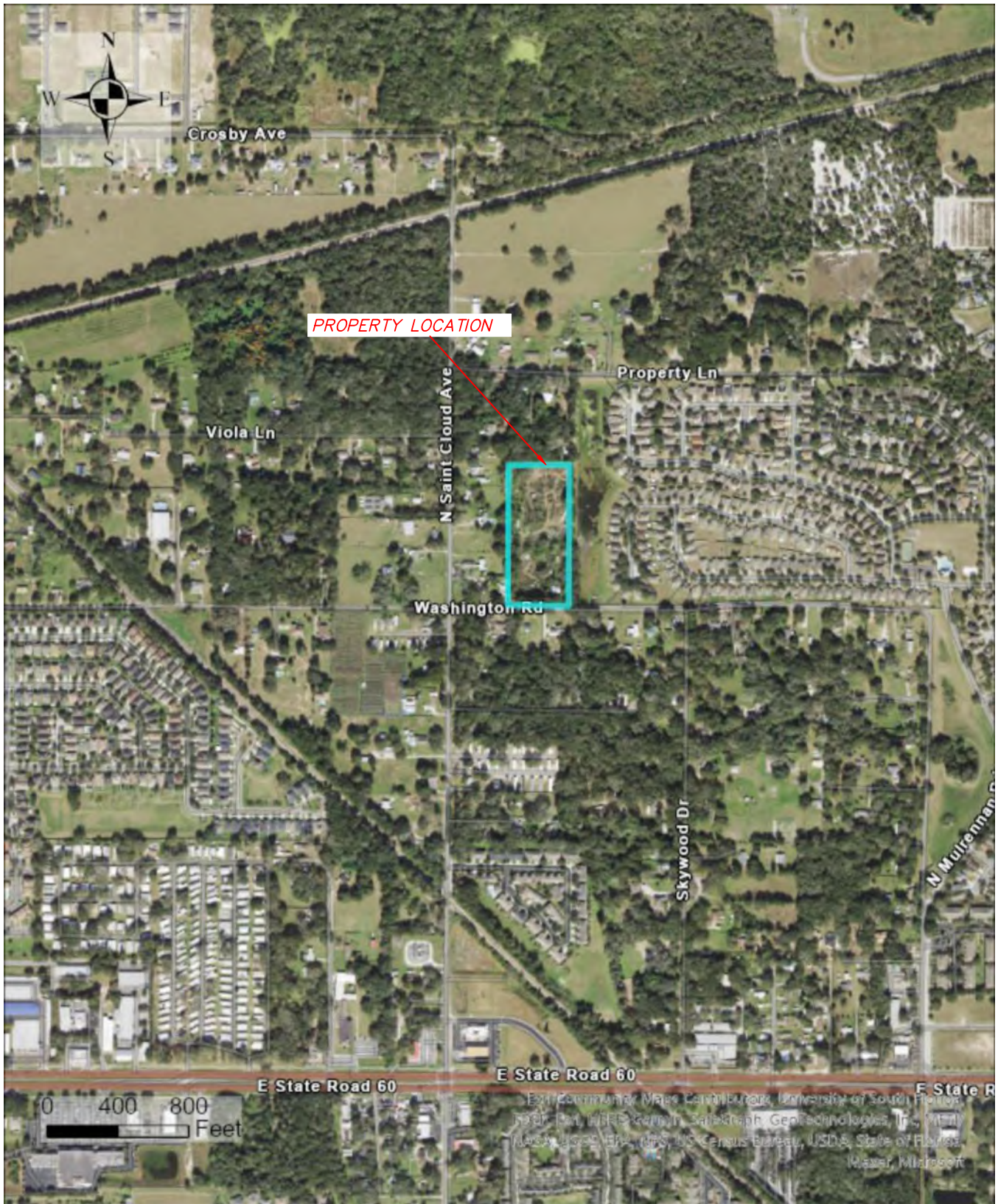
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SHEET:
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DESIGNED : RP

DRAWN : RP

CHECKED : RP



DRAWING FILE # : 2022119 080622 PROPERTY LOC
 LAST UPDATED : 8/6/22
 LAST PLOTTED : 8/6/22
 PLOT SCALE : 1"=800'



FIGURE 2

PROPERTY LOCATION
 2932 WASHINGTON ROAD
 VALRICO, FLORIDA

DATE:

8/6/22

SCALE:

1"=800'

JOB NUMBER:

2022119

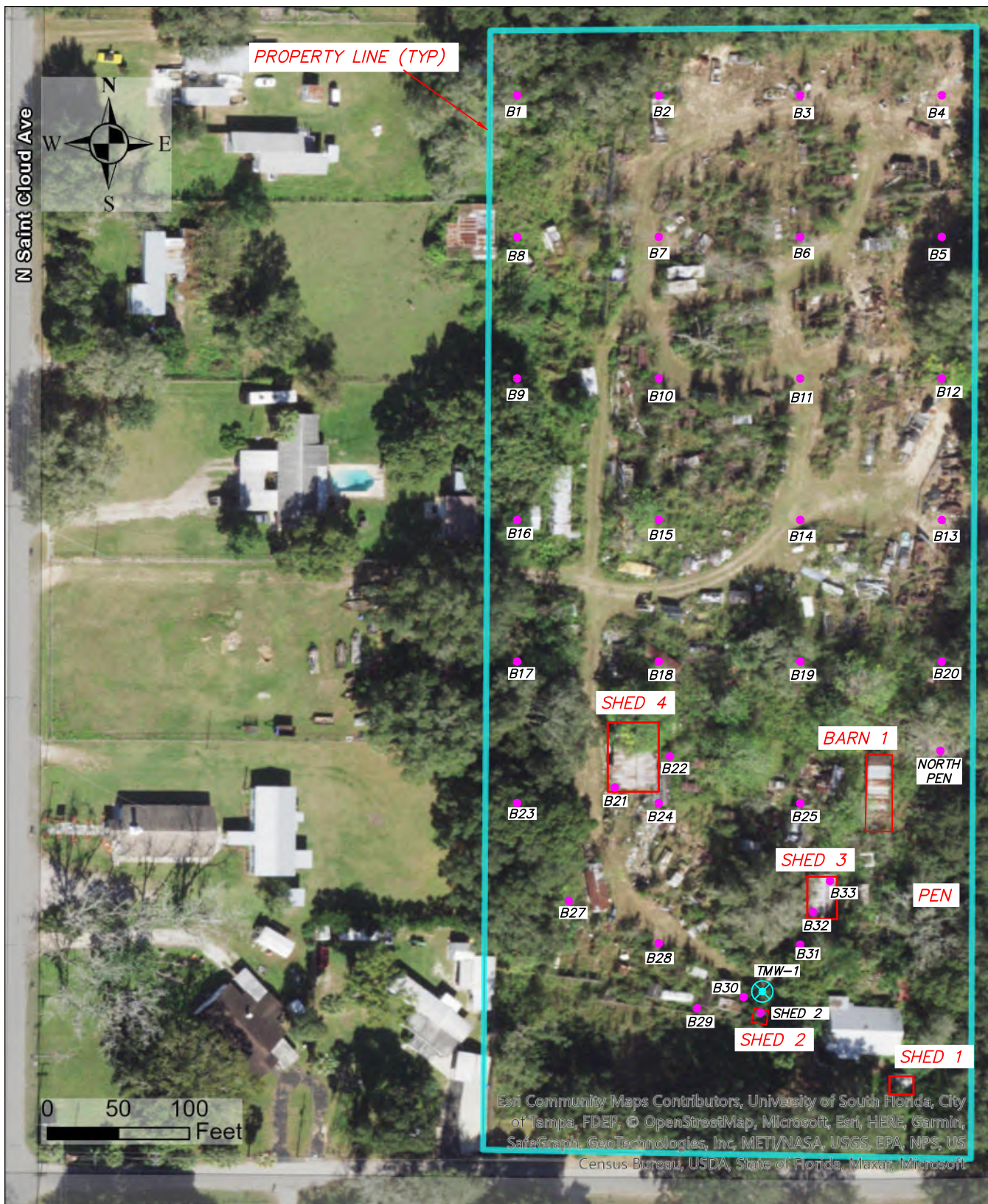
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DRAWN : RP

CHECKED : RP



DRAWING FILE # : 2022119 080622 SAMPLE LOC
 LAST UPDATED : 8/6/22
 LAST PLOTTED : 8/6/22
 PLOT SCALE : 1"=100'

● SOIL BORING LOCATION, JULY 2022
 ● GROUNDWATER SAMPLE LOCATION, AUGUST 15 2022



FIGURE 3

SAMPLE LOCATIONS
 2932 WASHINGTON ROAD
 VALRICO, FLORIDA

DATE: 8/6/22	SCALE: 1"=100'
JOB NUMBER: 2022119	SHEET: 1

DESIGNED : RP DRAWN : RP CHECKED : RP

TABLE 1
Soil Vapor PID Readings, 7/12 - 7/13/22
2932 Washington Road
Valrico, Florida

Sample ID	Depth (ft. bls)	PID Readings (ppm)
B1	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B2	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B3	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B4	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B5	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B6	0.5	0.0
	1.0	4.5
	2.0	0.0
	3.0	0.0
	4.0	0.0
B7	0.5	0.1
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B8	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B9	0.5	1.6
	1.0	2.3
	2.0	0.3
	3.0	4.8
	4.0	0.0
B-10	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-11	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0

TABLE 1
Soil Vapor PID Readings, 7/12 - 7/13/22
2932 Washington Road
Valrico, Florida

Sample ID	Depth (ft. bls)	PID Readings (ppm)
B-12	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	3.2	0.0
B-13	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-14	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-15	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-16	0.5	0.0
	1.0	0.0
	2.0	0.9
	3.0	0.1
	4.0	0.0
B-17	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-18	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-19	0.5	0.0
	1.0	0.2
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-20	0.5	2.4
	1.0	0.1
	2.0	0.2
	3.0	0.2
	4.0	0.1
B-21	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-22	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0

TABLE 1
Soil Vapor PID Readings, 7/12 - 7/13/22
2932 Washington Road
Valrico, Florida

Sample ID	Depth (ft. bls)	PID Readings (ppm)
B-23	0.5	6.1
	1.0	0.1
	2.0	0.0
	3.0	0.9
	4.0	0.2
B-24	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-25	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-26	NS	-
B-27	0.5	89.0
	1.0	8.0
	2.0	0.4
	3.0	2.3
	4.0	0.0
B-28	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-29	0.5	1.5
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-30	0.5	0.0
	1.0	0.0
	2.0	0.0
	3.0	0.6
	4.0	0.0
B-31	0.5	0.0
	1.0	0.0
	2.0	0.6
	3.0	67.0
	4.0	0.1
B-32	0.5	NS
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0
B-33	0.5	NS
	1.0	0.0
	2.0	0.0
	3.0	0.0
	4.0	0.0

TABLE 2
Soil Boring Lithology Logs
2932 Washington Road
Valrico, Florida

Soil Boring	Date	Depth (ft. bls)	Description
B-1 (natural tree shaded area)	7/12/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine-silty sand, dry
		2	~
		3	~
		4	~ with minor iron staining at 4'
B-2 (signs of burning at surface & scrap metal)	7/12/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine-silty sand, dry
		2	~
		3	~
		4	~
B-3 (near rusted iron bed frames)	7/12/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine-silty sand, dry
		2	~
		3	~
		4	~
B-4 (near rusted scrap metal)	7/12/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine-silty sand, dry
		2	~
		3	~
		4	~
B-5 (PVC piping 5' away)	7/12/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine-silty sand, dry
		2	~
		3	~
		4	~
B-6 (west of a pile of sealed paint cans)	7/12/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine-silty sand, dry, tree roots at 1'
		2	~
		3	~
		4	~
B-7 (5' North of scrap metal pile)	7/12/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine-silty sand, dry
		2	~
		3	~
		4	~
B-8 (just west of 4' scrap metal pile)	7/12/2022	0 -	Dark brown fine sand, dry
		1	~
		2	~
		3	Light reddish brown fine silty sand, dry
		4	~
B-9 (Tall grass and weeds, low spot)	7/12/2022	0 -	Dark brown fine sand, dry
		1	(some tree roots with eucalyptus odor beginning at 1.5')
		2	~
		3	Light reddish brown fine silty sand, dry
		4	~
B-10 (5' north of flipped rusted vehicles)	7/12/2022	0 -	Dark brown fine sand, dry
		1	~
		2.5	Light reddish brown fine sand, dry
		3	~
		4	~
B-11 (15 south west of rusted tractor)	7/12/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine-silty sand, dry
		2	~
		3	~
		4	~

TABLE 2
Soil Boring Lithology Logs
2932 Washington Road
Valrico, Florida

Soil Boring	Date	Depth (ft. bls)	Description
B-12 (just south of old rusted chain link)	7/12/2022	0 -	Dark brown fine sand, dry
		1	~
		2	Light reddish brown fine-silty sand, dry
		3.2	3.2 Tree roots, unable to penetrate
B-13 (10' north of trailer with used wheels and tires)	7/12/2022	0 -	Dark brown fine sand, dry
		1	~
		2	Light reddish brown fine-silty sand, dry
		3	~
		4	~
B-14 (Edge of trail 4 intersection, 15' northwest of pile of scrap metal)	7/12/2022	0 -	Dark brown fine sand, dry
		1	~
		2	Light reddish brown fine-silty sand, dry
		3	~
		4	~
B-15 (Tall grass, small junk pile either side of the bore hole)	7/12/2022	0 -	Dark brown fine sand, dry
		1	~
		2	Light reddish brown fine-silty sand, dry
		3	~
		4	~
B-16 (between shed and trailer)	7/12/2022	0 -	Dark brown fine sand, dry
		1.5	~
		2	Light reddish brown fine-silty sand, dry with eucalytus odor
		3	~
		4	~
B-17 (next to pressure tank, random medical supplies)	7/13/2022	0 -	Dark brown fine sand, dry
		1	~
		2.5	Light reddish brown fine-silty sand, dry
		3	~
		4	~
B-18 (next to rusted bus, broken flurescent tubes nearby)	7/13/2022	0 -	Dark brown fine sand, dry
		1	~
		2	Light reddish brown fine-silty sand, dry
		3	~
		4	~
B-19 (edge of trail)	7/13/2022	0 -	Dark brown fine sand, dry
		1	~
		2	Light reddish brown fine sand, dry
		3	~
		4	~
B-20 (under oak trees, near broken auto glass and rubber)	7/13/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine sand, dry
		2	~
		3	~
		4	~
B-21 (southwest inside shed, oil containers near by, burnt material)	7/13/2022	0 -	Dark brown fine sand, dry
		0.5	Light reddish brown fine sand, dry
		2	~
		3	~
		4	~
B-22 (east side of shed, soil looks to have been recently replaced)	7/13/2022	0 -	Brown fine sand, dry
		1	~
		2	Light yellowish brown fine sand
		3	~
		4	~

TABLE 2
Soil Boring Lithology Logs
2932 Washington Road
Valrico, Florida

Soil Boring	Date	Depth (ft. bls)	Description
B-23 (wooded area, west of metal fence)	7/13/2022	0 -	Dark brown fine sand, dry, eucalyptus odor
		1	~
		2	Light reddish brown fine sand
		3	(eucalyptus odor at 3')
		4	~
B-24 (sandy area near shed, near 2 2x8" posts)	7/13/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine sand, dry
		2	~
		3	Light reddish brown fine sand
		4	~
B-25 (nest to fluffy weeds)	7/13/2022	0 -	Dark brown fine sand, dry
		1	~
		2	Light reddish brown fine sand, dry
		3	~
		4	~
B-26	NS	-	-
B-27 (west of trailer in sandy area, some old paint cans nearby)	7/13/2022	0 -	Dark brown fine sand, dry, eucalyptus odor
		1.5	Light reddish brown fine sand, dry
		2	~
		3	~
		4	~
B-28 (edge of trail, 10' west of rusted boom truck)	7/13/2022	0 -	Dark brown fine sand, dry
		1.5	Light reddish brown fine sand, dry
		2	~
		3	~
		4	~
B-29 (fenceline southwest corner of old shed)	7/13/2022	0 -	Dark brown fine sand, dry
		1	Light reddish brown fine sand
		2	~
		3	~
		4	~
B-30 (25' east of B-29)	7/13/2022	0 -	Brown fine sand, dry
		1	~
		2	Light reddish brown fine sand (2-3 slight void)
		3	~
		4	~
B-31 (surrounded by junk)	7/13/2022	0 -	Dark brown fine sand, dry
		1	Light brown fine sand with 1" gravel, dry, potential old drainfield
		2	Light reddish brown fine sand, dry
		3	(eucalyptus odor at 3')
		4	~
B-32 (inside shed, metal tool debris, grease bucket on ceiling)	7/13/2022	0 -	Light brown fine sand with gravel, dry
		1	Light brown fine sand, dry
		2	Light reddish brown fine sand, dry
		3	~
		4	~
B-33 (inside shed, next to grease cartridges)	7/13/2022	0 -	Light brown fine sand, dry
		1	~
		2	~
		3	Light reddish brown fine sand, dry
		4	~

TABLE 3
Summary of Detected Soil Sample Results
2932 Washington Road
Valrico, Florida

Sample Location	Volatile Organic Compounds, VOCs (mg/kg)	Polynuclear Aromatic Hydrocarbons, PAHs (mg/kg)	TRPH (mg/kg)	Metals (mg/kg)
B6, 1'	Acetone 0.013 (11,000)	ND	ND	Arsenic 0.38 (2.1) Barium 20 (120) Cadmium 0.075 (82) Chromium 4.6 (210) Lead 2.1 (400) Mercury 0.013 (3)
B21, Shed, 0.5'	ND	Benzo(b)fluoranthene 0.0031 I Total Benzo(a)pyrene Equivalents 0.0022 (0.1) Fluoranthene 0.0029 I (3,200) Pyrene 0.0026 I (2,400)	5.5 I (460)	Arsenic 0.46 (2.1) Barium 23 (120) Cadmium 0.17 (82) Chromium 4.6 (210) Lead 3.3 (400) Mercury 0.032 (3)
B27, 0.5'	ND	ND	ND (460)	Arsenic 0.43 (2.1) Barium 25 (120) Cadmium 0.17 (82) Chromium 4.2 (210) Lead 3.8 (400) Mercury 0.012 (3)
B31 0.5'	ND	Benzo(a)anthracene 0.0024 I (BAP) Benzo(a)pyrene 0.004 I (BAP) benzo(b)fluoranthene 0.0078 I (BAP) Benzo(k)fluoranthene 0.0032 I (BAP) Indeno(1,2,3-c,d)pyrene 0.0036 I Total Benzo(a)pyrene Equivalents 0.0063 Benzo(g,h,i)perylene 0.003 I (2,500) Pyrene 0.0061 I (2,400)	8 I (460)	Arsenic 0.35 (2.1) Barium 22 (120) Cadmium 0.098 (82) Chromium 3.3 (210) Lead 1.5 (400) Mercury 0.0029 I (3)
B32, Shed, 0.5'	ND	ND	5 I (460)	Arsenic 0.2 I (2.1) Barium 14 (120) Cadmium 0.11 (82) Chromium 2.5 (210) Lead 2.4 (400) Mercury 0.017 (3)
Shed 2, 0.5'	ND	Benzo(a)anthracene 0.092 (BAP) Benzo(a)pyrene 0.1 (BAP) Benzo(b)fluoranthene 0.3 (BAP) Benzo(k)fluoranthene 0.11 (BAP) Chrysene 0.077 (BAP) Dibenz(a,h)anthracene 0.02 (BAP) Indeno(1,2,3-c,d)pyrene 0.081 (BAP) Total Benzo(a)pyrene Equivalents 0.17 (0.1) Acenaphthylene 0.024 (1,800) Anthracene 0.032 (21,000) Benzo(g,h,i)perylene 0.064 (2,500) Fluoranthene 0.1 (3,200) Phenanthrene 0.0025 I (2,200) Pyrene 0.21 (2,400)	26 (460)	Arsenic 2.1 (2.1) Barium 24 (120) Cadmium 0.49 (82) Chromium 5 (210) Lead 23 (400) Mercury 0.053 (3)
North Pen, 0.5'	NS	NS	NS	Arsenic 0.54 (2.1) Barium 31 (120) Cadmium 8.3 (82) Chromium 9 (210) Lead 36 (400) Mercury 0.046 (3)

() - FDEP Residential, Direct Exposure Soil Cleanup Target Level (SCTL)

BAP - A Benzo[a]pyrene equivalent compound. Weighted sum these compounds is compared to CTL for Total Benzo(a)pyrene Equivalents

Bold - Exceeds SCTL

ND - Not detected above laboratory detection limit

I - Estimate Concentration, between MDL (Method Detection Limit) and PQL (Practical Quantification Limit)

NS - Not Sampled

TABLE 4
Summary of Detected Groundwater Results
2932 Washington Road
Valrico, Florida

Detected Parameter	TMW-1 1/20/2022 (ug/l)	GWCTL (ug/l)
VOCs		
1,2,4-Trimethylbenzene	0.6 I	10
PAHs	ND	NA
TRPH	ND	5,000
Metals		
Barium	32	2000
Chromium	12	100
Mercury	0.46	2

GWCTL - FDEP Groundwater Cleanup Target Level

ND - Not Detected Above Laboratory Detection Limit

I - Estimate Concentration, between MDL (Method Detection Limit) and
PQL (Practical Quantification Limit)

NA - Not Applicable

ATTACHMENT 1

Pictures



Fuel and paint containers near soil boring B2



Burnt debris pile near soil boring B2



Area near soil boring B8 with 4-foot debris pile and weeds



Scrap metal pile near soil boring B7



Chain link fence and old trailer near soil boring B12



Trailer with used wheels and tires near soil boring B13



Rusted bus near soil boring B18



East side of Shed 4 at soil boring B-22



Looking north at Shed 4



Inside Shed 4 at soil boring B21



Looking west at soil boring B27



Inside of a shed 20 feet west of dilapidated Shed 2



Look south at soil boring B30 location in front of a shed 15 feet west of dilapidated Shed 2.



Looking southeast at dilapidated Shed 2



Inside Shed 3 near location of soil boring B33



Inside Shed 3 near location of soil boring B32



Looking south in Pen area



Looking south at dilapidated Shed 2



Fluorescent tube storage location at North Pen soil sample location



Looking east during installation of temporary well TMW-1, 15 feet north of Shed 2 for the collection of groundwater

ATTACHMENT 2

Soil Analytical Results



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
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FINAL

Workorder: 2932 Washington Road (T2214125)

August 01, 2022

RICHARD PRYOR
EEC
5119 N FLORIDA AVE
Tampa, FL 33603

RE: Workorder: T2214125 2932 Washington Road

Dear RICHARD PRYOR:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday July 14, 2022. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sheila Wilcox, Assistant Lab Manager
SWilcox@aellab.com

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FINAL

Workorder: 2932 Washington Road (T2214125)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
T2214125001	Shed 2, 0.5'	SO	FL-PRO	07/14/2022 13:00	07/14/2022 15:20	1	Dry
T2214125001	Shed 2, 0.5'	SO	SM 2540G	07/14/2022 13:00	07/14/2022 15:20	1	Dry
T2214125001	Shed 2, 0.5'	SO	SW-846 6010	07/14/2022 13:00	07/14/2022 15:20	7	Dry
T2214125001	Shed 2, 0.5'	SO	SW-846 7471A	07/14/2022 13:00	07/14/2022 15:20	1	Dry
T2214125001	Shed 2, 0.5'	SO	SW-846 8260B	07/14/2022 13:00	07/14/2022 15:20	68	Dry
T2214125001	Shed 2, 0.5'	SO	SW-846 8270C (SIM)	07/14/2022 13:00	07/14/2022 15:20	18	Dry
T2214125002	B32 Shed3 0.5'	SO	FL-PRO	07/14/2022 13:20	07/14/2022 15:20	1	Dry
T2214125002	B32 Shed3, 0.5'	SO	SM 2540G	07/14/2022 13:20	07/14/2022 15:20	1	Dry
T2214125002	B32 Shed3, 0.5'	SO	SW-846 6010	07/14/2022 13:20	07/14/2022 15:20	7	Dry
T2214125002	B32 Shed3, 0.5'	SO	SW-846 7471A	07/14/2022 13:20	07/14/2022 15:20	1	Dry
T2214125002	B32 Shed3, 0.5'	SO	SW-846 8260B	07/14/2022 13:20	07/14/2022 15:20	68	Dry
T2214125002	B32 Shed3, 0.5'	SO	SW-846 8270C (SIM)	07/14/2022 13:20	07/14/2022 15:20	18	Dry
T2214125003	B21 Shed4, 0.5'	SO	FL-PRO	07/14/2022 13:10	07/14/2022 15:20	1	Dry
T2214125003	B21 Shed4 0.5'	SO	SM 2540G	07/14/2022 13:10	07/14/2022 15:20	1	Dry
T2214125003	1321 Shed4, 0.5'	SO	SW-846 6010	07/14/2022 13:10	07/14/2022 15:20	7	Dry
T2214125003	B21 Shed4, 0.5'	SO	SW-846 7471A	07/14/2022 13:10	07/14/2022 15:20	1	Dry
T2214125003	B21 Shed4, 0.5'	SO	SW-846 8260B	07/14/2022 13:10	07/14/2022 15:20	68	Dry
T2214125003	B21 Shed4, 0.5'	SO	SW-846 8270C (SIM)	07/14/2022 13:10	07/14/2022 15:20	18	Dry
T2214125004	B27 0.5'	SO	FL-PRO	07/14/2022 12:50	07/14/2022 15:20	1	Dry
T2214125004	B27 0.5'	SO	SM 2540G	07/14/2022 12:50	07/14/2022 15:20	1	Dry
T2214125004	B27 0.5'	SO	SW-846 6010	07/14/2022 12:50	07/14/2022 15:20	7	Dry
T2214125004	B27 0.5'	SO	SW-846 7471A	07/14/2022 12:50	07/14/2022 15:20	1	Dry
T2214125004	B27 0.5'	SO	SW-846 8260B	07/14/2022 12:50	07/14/2022 15:20	68	Dry
T2214125004	B27 0.5'	SO	SW-846 8270C (SIM)	07/14/2022 12:50	07/14/2022 15:20	18	Dry
T2214125005	B31 0.5'	SO	FL-PRO	07/14/2022 11:00	07/14/2022 15:20	1	Dry
T2214125005	B31 0.5'	SO	SM 2540G	07/14/2022 11:00	07/14/2022 15:20	1	Dry
T2214125005	B31 0.5'	SO	SW-846 6010	07/14/2022 11:00	07/14/2022 15:20	7	Dry
T2214125005	B31 0.5'	SO	SW-846 7471A	07/14/2022 11:00	07/14/2022 15:20	1	Dry
T2214125005	B31 0.5'	SO	SW-846 8260B	07/14/2022 11:00	07/14/2022 15:20	68	Dry
T2214125005	B31 0.5'	SO	SW-846 8270C (SIM)	07/14/2022 11:00	07/14/2022 15:20	18	Dry
T2214125006	North Pen 0.5'	SO	SM 2540G	07/14/2022 13:40	07/14/2022 15:20	1	Dry
T2214125006	North Pen 0.5'	SO	SW-846 6010	07/14/2022 13:40	07/14/2022 15:20	7	Dry
T2214125006	North Pen 0.5'	SO	SW-846 7471A	07/14/2022 13:40	07/14/2022 15:20	1	Dry
T2214125007	B6 1'	SO	FL-PRO	07/14/2022 14:00	07/14/2022 15:20	1	Dry
T2214125007	B6 1'	SO	SM 2540G	07/14/2022 14:00	07/14/2022 15:20	1	Dry

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Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
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Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: 2932 Washington Road (T2214125)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
T2214125007	B6 1'	SO	SW-846 6010	07/14/2022 14:00	07/14/2022 15:20	7	Dry
T2214125007	B6 1'	SO	SW-846 7471A	07/14/2022 14:00	07/14/2022 15:20	1	Dry
T2214125007	B6 1'	SO	SW-846 8260B	07/14/2022 14:00	07/14/2022 15:20	68	Dry
T2214125007	B6 1'	SO	SW-846 8270C (SIM)	07/14/2022 14:00	07/14/2022 15:20	18	Dry

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results Qualifiers

Parameter Qualifiers

U	The compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J4	Estimated Result

Lab Qualifiers

T	DOH Certification #E84589 (FL NELAC) AEL-Tampa
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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125001
Sample ID: Shed 2, 0.5'

Date Collected: 07/14/2022 13:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	2.1	mg/Kg	0.28	0.14	1	07/18/2022 15:00	07/19/2022 10:26	T
Barium	24	mg/Kg	0.28	0.14	1	07/18/2022 15:00	07/19/2022 10:26	T
Cadmium	0.49	mg/Kg	0.055	0.028	1	07/18/2022 15:00	07/19/2022 10:26	T
Chromium	5.0	mg/Kg	0.28	0.22	1	07/18/2022 15:00	07/19/2022 10:26	T
Lead	23	mg/Kg	0.28	0.14	1	07/18/2022 15:00	07/19/2022 10:26	T
Selenium	1.1 U	mg/Kg	2.8	1.1	1	07/18/2022 15:00	07/19/2022 10:26	T
Silver	0.22 U	mg/Kg	0.28	0.22	1	07/18/2022 15:00	07/19/2022 10:26	T
METALS (SW-846 7471A)								
Mercury	0.053	mg/Kg	0.0068	0.0033	2	07/25/2022 16:00	07/27/2022 16:01	T
SEMIVOLATILES (FL-PRO)								
TPH	26	mg/Kg	15	5.1	1	07/15/2022 12:45	07/19/2022 02:21	T
SEMIVOLATILES (SW-846 3550B/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.0016 U	mg/Kg	0.0086	0.0016	1	07/15/2022 12:45	07/16/2022 05:18	T
2-Methylnaphthalene	0.0021 U	mg/Kg	0.0086	0.0021	1	07/15/2022 12:45	07/16/2022 05:18	T
Acenaphthene	0.0016 U	mg/Kg	0.0086	0.0016	1	07/15/2022 12:45	07/16/2022 05:18	T
Acenaphthylene	0.024	mg/Kg	0.0086	0.0018	1	07/15/2022 12:45	07/16/2022 05:18	T
Anthracene	0.032	mg/Kg	0.0086	0.0026	1	07/15/2022 12:45	07/16/2022 05:18	T
Benzo[a]anthracene	0.092	mg/Kg	0.0086	0.0021	1	07/15/2022 12:45	07/16/2022 05:18	T
Benzo[a]pyrene	0.10	mg/Kg	0.0086	0.0017	1	07/15/2022 12:45	07/16/2022 05:18	T
Benzo[b]fluoranthene	0.30	mg/Kg	0.0086	0.0016	1	07/15/2022 12:45	07/16/2022 05:18	T
Benzo[g,h,i]perylene	0.064	mg/Kg	0.0086	0.0020	1	07/15/2022 12:45	07/16/2022 05:18	T
Benzo[k]fluoranthene	0.11	mg/Kg	0.0086	0.0024	1	07/15/2022 12:45	07/16/2022 05:18	T
Chrysene	0.077	mg/Kg	0.0086	0.0030	1	07/15/2022 12:45	07/16/2022 05:18	T
Dibenzo[a,h]anthracene	0.020	mg/Kg	0.0086	0.0017	1	07/15/2022 12:45	07/16/2022 05:18	T
Fluoranthene	0.10	mg/Kg	0.0086	0.0029	1	07/15/2022 12:45	07/16/2022 05:18	T
Fluorene	0.0022 U	mg/Kg	0.0086	0.0022	1	07/15/2022 12:45	07/16/2022 05:18	T
Indeno(1,2,3-cd)pyrene	0.081	mg/Kg	0.0086	0.0025	1	07/15/2022 12:45	07/16/2022 05:18	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125001	Date Collected: 07/14/2022 13:00					Matrix: Soil		
Sample ID: Shed 2, 0.5'	Date Received: 07/14/2022 15:20							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Naphthalene	0.0018 U	mg/Kg	0.0086	0.0018	1	07/15/2022 12:45	07/16/2022 05:18	T
Phenanthrene	0.0025 I	mg/Kg	0.0086	0.0022	1	07/15/2022 12:45	07/16/2022 05:18	T
Pyrene	0.21	mg/Kg	0.0086	0.0024	1	07/15/2022 12:45	07/16/2022 05:18	T
(SM 2540G)								
Percent Moisture	8	%	0.001	0.0010	1	07/18/2022 16:00	07/18/2022 16:00	T
VOLATILES (SW-846 5035/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.0010 U	mg/Kg	0.0033	0.0010	1	07/15/2022 16:39	07/16/2022 01:27	T
1,1,1-Trichloroethane	0.00076 U	mg/Kg	0.0033	0.00076	1	07/15/2022 16:39	07/16/2022 01:27	T
1,1,2,2-Tetrachloroethane	0.00056 U	mg/Kg	0.0033	0.00056	1	07/15/2022 16:39	07/16/2022 01:27	T
1,1,2-Trichloroethane	0.00053 U	mg/Kg	0.0033	0.00053	1	07/15/2022 16:39	07/16/2022 01:27	T
1,1-Dichloroethane	0.00076 U	mg/Kg	0.0033	0.00076	1	07/15/2022 16:39	07/16/2022 01:27	T
1,1-Dichloroethylene	0.00080 U	mg/Kg	0.0033	0.00080	1	07/15/2022 16:39	07/16/2022 01:27	T
1,1-Dichloropropene	0.00053 U	mg/Kg	0.0033	0.00053	1	07/15/2022 16:39	07/16/2022 01:27	T
1,2,3-Trichlorobenzene	0.00087 U	mg/Kg	0.0033	0.00087	1	07/15/2022 16:39	07/16/2022 01:27	T
1,2,3-Trichloropropane	0.0018 U	mg/Kg	0.0033	0.0018	1	07/15/2022 16:39	07/16/2022 01:27	T
1,2,4-Trichlorobenzene	0.00071 U	mg/Kg	0.0033	0.00071	1	07/15/2022 16:39	07/16/2022 01:27	T
1,2,4-Trimethylbenzene	0.00096 U	mg/Kg	0.0033	0.00096	1	07/15/2022 16:39	07/16/2022 01:27	T
1,2-Dibromo-3-Chloropropane	0.0014 U	mg/Kg	0.0033	0.0014	1	07/15/2022 16:39	07/16/2022 01:27	T
1,2-Dichlorobenzene	0.00052 U	mg/Kg	0.0033	0.00052	1	07/15/2022 16:39	07/16/2022 01:27	T
1,2-Dichloroethane	0.00085 U	mg/Kg	0.0033	0.00085	1	07/15/2022 16:39	07/16/2022 01:27	T
1,2-Dichloropropane	0.00059 U	mg/Kg	0.0033	0.00059	1	07/15/2022 16:39	07/16/2022 01:27	T
1,3,5-Trimethylbenzene	0.00073 U	mg/Kg	0.0033	0.00073	1	07/15/2022 16:39	07/16/2022 01:27	T
1,3-Dichlorobenzene	0.00060 U	mg/Kg	0.0033	0.00060	1	07/15/2022 16:39	07/16/2022 01:27	T
1,3-Dichloropropane	0.00047 U	mg/Kg	0.0033	0.00047	1	07/15/2022 16:39	07/16/2022 01:27	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125001
Sample ID: Shed 2, 0.5'

Date Collected: 07/14/2022 13:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,4-Dichlorobenzene	0.00072 U	mg/Kg	0.0033	0.00072	1	07/15/2022 16:39	07/16/2022 01:27	T
2,2-Dichloropropane	0.0013 U	mg/Kg	0.0033	0.0013	1	07/15/2022 16:39	07/16/2022 01:27	T
2-Butanone (MEK)	0.0011 U	mg/Kg	0.0033	0.0011	1	07/15/2022 16:39	07/16/2022 01:27	T
2-Chloroethyl Vinyl Ether	0.0028 U	mg/Kg	0.0033	0.0028	1	07/15/2022 16:39	07/16/2022 01:27	T
2-Chlorotoluene	0.00073 U	mg/Kg	0.0033	0.00073	1	07/15/2022 16:39	07/16/2022 01:27	T
2-Hexanone	0.0017 U	mg/Kg	0.0033	0.0017	1	07/15/2022 16:39	07/16/2022 01:27	T
4-Chlorotoluene	0.00081 U	mg/Kg	0.0033	0.00081	1	07/15/2022 16:39	07/16/2022 01:27	T
4-Methyl-2-pentanone (MIBK)	0.00074 U	mg/Kg	0.0033	0.00074	1	07/15/2022 16:39	07/16/2022 01:27	T
Acetone	0.0024 U	mg/Kg	0.0033	0.0024	1	07/15/2022 16:39	07/16/2022 01:27	T
Acrolein (Propenal)	0.0068 U	mg/Kg	0.016	0.0068	1	07/15/2022 16:39	07/16/2022 01:27	T
Acrylonitrile	0.00057 U	mg/Kg	0.0033	0.00057	1	07/15/2022 16:39	07/16/2022 01:27	T
Benzene	0.00054 U	mg/Kg	0.0033	0.00054	1	07/15/2022 16:39	07/16/2022 01:27	T
Bromobenzene	0.00060 U	mg/Kg	0.0033	0.00060	1	07/15/2022 16:39	07/16/2022 01:27	T
Bromochloromethane	0.00070 U	mg/Kg	0.0033	0.00070	1	07/15/2022 16:39	07/16/2022 01:27	T
Bromodichloromethane	0.00058 U	mg/Kg	0.0033	0.00058	1	07/15/2022 16:39	07/16/2022 01:27	T
Bromoform	0.0022 U	mg/Kg	0.0033	0.0022	1	07/15/2022 16:39	07/16/2022 01:27	T
Bromomethane	0.0014 U	mg/Kg	0.0033	0.0014	1	07/15/2022 16:39	07/16/2022 01:27	T
Carbon Disulfide	0.00093 U	mg/Kg	0.0033	0.00093	1	07/15/2022 16:39	07/16/2022 01:27	T
Carbon Tetrachloride	0.00092 U	mg/Kg	0.0033	0.00092	1	07/15/2022 16:39	07/16/2022 01:27	T
Chlorobenzene	0.00048 U	mg/Kg	0.0033	0.00048	1	07/15/2022 16:39	07/16/2022 01:27	T
Chloroethane	0.0016 U	mg/Kg	0.0033	0.0016	1	07/15/2022 16:39	07/16/2022 01:27	T
Chloroform	0.00067 U	mg/Kg	0.0033	0.00067	1	07/15/2022 16:39	07/16/2022 01:27	T
Chloromethane	0.00075 U	mg/Kg	0.0033	0.00075	1	07/15/2022 16:39	07/16/2022 01:27	T
Dibromochloromethane	0.0019 U	mg/Kg	0.0033	0.0019	1	07/15/2022 16:39	07/16/2022 01:27	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125001
Sample ID: Shed 2, 0.5'

Date Collected: 07/14/2022 13:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.00066 U	mg/Kg	0.0033	0.0006 6	1	07/15/2022 16:39	07/16/2022 01:27	T
Dichlorodifluoromethane	0.0011 U	mg/Kg	0.0033	0.0011	1	07/15/2022 16:39	07/16/2022 01:27	T
Ethylbenzene	0.00039 U	mg/Kg	0.0033	0.0003 9	1	07/15/2022 16:39	07/16/2022 01:27	T
Ethylene Dibromide (EDB)	0.00054 U	mg/Kg	0.0033	0.0005 4	1	07/15/2022 16:39	07/16/2022 01:27	T
Hexachlorobutadiene	0.0017 U	mg/Kg	0.0033	0.0017	1	07/15/2022 16:39	07/16/2022 01:27	T
Iodomethane (Methyl Iodide)	0.0023 U	mg/Kg	0.0033	0.0023	1	07/15/2022 16:39	07/16/2022 01:27	T
Isopropylbenzene	0.00068 U	mg/Kg	0.0033	0.0006 8	1	07/15/2022 16:39	07/16/2022 01:27	T
Methyl tert-butyl Ether (MTBE)	0.0011 U	mg/Kg	0.0033	0.0011	1	07/15/2022 16:39	07/16/2022 01:27	T
Methylene Chloride	0.0044 U	mg/Kg	0.0054	0.0044	1	07/15/2022 16:39	07/16/2022 01:27	T
Naphthalene	0.0015 U	mg/Kg	0.0033	0.0015	1	07/15/2022 16:39	07/16/2022 01:27	T
Styrene	0.00043 U	mg/Kg	0.0033	0.0004 3	1	07/15/2022 16:39	07/16/2022 01:27	T
Tetrachloroethylene (PCE)	0.00062 U	mg/Kg	0.0033	0.0006 2	1	07/15/2022 16:39	07/16/2022 01:27	T
Toluene	0.00040 U	mg/Kg	0.0033	0.0004 0	1	07/15/2022 16:39	07/16/2022 01:27	T
Trichloroethene	0.00080 U	mg/Kg	0.0033	0.0008 0	1	07/15/2022 16:39	07/16/2022 01:27	T
Trichlorofluoromethane	0.00072 U	mg/Kg	0.0033	0.0007 2	1	07/15/2022 16:39	07/16/2022 01:27	T
Vinyl Acetate	0.0016 U	mg/Kg	0.0033	0.0016	1	07/15/2022 16:39	07/16/2022 01:27	T
Vinyl Chloride	0.00063 U	mg/Kg	0.0033	0.0006 3	1	07/15/2022 16:39	07/16/2022 01:27	T
Xylene (Total)	0.0014 U	mg/Kg	0.0065	0.0014	1	07/15/2022 16:39	07/16/2022 01:27	T
cis-1,2-Dichloroethylene	0.00064 U	mg/Kg	0.0033	0.0006 4	1	07/15/2022 16:39	07/16/2022 01:27	T
cis-1,3-Dichloropropene	0.0023 U	mg/Kg	0.0033	0.0023	1	07/15/2022 16:39	07/16/2022 01:27	T
n-Butylbenzene	0.00089 U	mg/Kg	0.0033	0.0008 9	1	07/15/2022 16:39	07/16/2022 01:27	T
n-propylbenzene	0.00076 U	mg/Kg	0.0033	0.0007 6	1	07/15/2022 16:39	07/16/2022 01:27	T
sec-butylbenzene	0.00073 U	mg/Kg	0.0033	0.0007 3	1	07/15/2022 16:39	07/16/2022 01:27	T
tert-butylbenzene	0.00099 U	mg/Kg	0.0033	0.0009 9	1	07/15/2022 16:39	07/16/2022 01:27	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID:	T2214125001	Date Collected:	07/14/2022 13:00				Matrix:	Soil
Sample ID:	Shed 2, 0.5'	Date Received:	07/14/2022 15:20					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
trans-1,2-Dichloroethylene	0.00066 U	mg/Kg	0.0033	0.00066	1	07/15/2022 16:39	07/16/2022 01:27	T
trans-1,3-Dichloropropylene	0.0020 U	mg/Kg	0.0033	0.0020	1	07/15/2022 16:39	07/16/2022 01:27	T

Analysis Results Comments

Silver

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/Kg	50	54	107	69 - 134	T
Toluene-d8 (S)	ug/Kg	50	54	108	72 - 122	T
Bromofluorobenzene (S)	ug/Kg	50	62	124	79 - 126	T
2-Fluorobiphenyl (S)	ug/Kg	390	300	77	37 - 127	T
Nitrobenzene-d5 (S)	ug/Kg	390	280	72	33 - 134	T
p-Terphenyl-d14 (S)	ug/Kg	390	350	89	42 - 141	T
Nonatricontane-C39 (S)	mg/Kg	5.90	3.70	63	36 - 132	T
o-Terphenyl (S)	mg/Kg	2	1.60	81	66 - 136	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125002	Sample ID: B32 Shed3, 0.5'	Date Collected: 07/14/2022 13:20	Date Received: 07/14/2022 15:20	Matrix: Soil				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.20 I	mg/Kg	0.27	0.13	1	07/18/2022 15:00	07/19/2022 10:52	T
Barium	14	mg/Kg	0.27	0.13	1	07/18/2022 15:00	07/19/2022 10:52	T
Cadmium	0.11	mg/Kg	0.053	0.027	1	07/18/2022 15:00	07/19/2022 10:52	T
Chromium	2.5	mg/Kg	0.27	0.21	1	07/18/2022 15:00	07/19/2022 10:52	T
Lead	2.4	mg/Kg	0.27	0.13	1	07/18/2022 15:00	07/19/2022 10:52	T
Selenium	1.1 U	mg/Kg	2.7	1.1	1	07/18/2022 15:00	07/19/2022 10:52	T
Silver	0.21 U	mg/Kg	0.27	0.21	1	07/18/2022 15:00	07/19/2022 10:52	T
METALS (SW-846 7471A)								
Mercury	0.017	mg/Kg	0.0061	0.0029	2	07/25/2022 16:00	07/27/2022 16:04	T
SEMIVOLATILES (FL-PRO)								
TPH	5.0 I	mg/Kg	14	4.8	1	07/15/2022 12:45	07/18/2022 20:12	T
SEMIVOLATILES (SW-846 3550B/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.0015 U	mg/Kg	0.0080	0.0015	1	07/15/2022 12:45	07/15/2022 23:04	T
2-Methylnaphthalene	0.0020 U	mg/Kg	0.0080	0.0020	1	07/15/2022 12:45	07/15/2022 23:04	T
Acenaphthene	0.0015 U	mg/Kg	0.0080	0.0015	1	07/15/2022 12:45	07/15/2022 23:04	T
Acenaphthylene	0.0017 U	mg/Kg	0.0080	0.0017	1	07/15/2022 12:45	07/15/2022 23:04	T
Anthracene	0.0024 U	mg/Kg	0.0080	0.0024	1	07/15/2022 12:45	07/15/2022 23:04	T
Benzo[a]anthracene	0.0019 U	mg/Kg	0.0080	0.0019	1	07/15/2022 12:45	07/15/2022 23:04	T
Benzo[a]pyrene	0.0016 U	mg/Kg	0.0080	0.0016	1	07/15/2022 12:45	07/15/2022 23:04	T
Benzo[b]fluoranthene	0.0015 U	mg/Kg	0.0080	0.0015	1	07/15/2022 12:45	07/15/2022 23:04	T
Benzo[g,h,i]perylene	0.0019 U	mg/Kg	0.0080	0.0019	1	07/15/2022 12:45	07/15/2022 23:04	T
Benzo[k]fluoranthene	0.0023 U	mg/Kg	0.0080	0.0023	1	07/15/2022 12:45	07/15/2022 23:04	T
Chrysene	0.0028 U	mg/Kg	0.0080	0.0028	1	07/15/2022 12:45	07/15/2022 23:04	T
Dibenzo[a,h]anthracene	0.0016 U	mg/Kg	0.0080	0.0016	1	07/15/2022 12:45	07/15/2022 23:04	T
Fluoranthene	0.0027 U	mg/Kg	0.0080	0.0027	1	07/15/2022 12:45	07/15/2022 23:04	T
Fluorene	0.0021 U	mg/Kg	0.0080	0.0021	1	07/15/2022 12:45	07/15/2022 23:04	T
Indeno(1,2,3-cd)pyrene	0.0023 U	mg/Kg	0.0080	0.0023	1	07/15/2022 12:45	07/15/2022 23:04	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125002	Sample ID: B32 Shed3, 0.5'	Date Collected: 07/14/2022 13:20				Matrix: Soil		
		Date Received: 07/14/2022 15:20						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Naphthalene	0.0016 U	mg/Kg	0.0080	0.0016	1	07/15/2022 12:45	07/15/2022 23:04	T
Phenanthrene	0.0021 U	mg/Kg	0.0080	0.0021	1	07/15/2022 12:45	07/15/2022 23:04	T
Pyrene	0.0023 U	mg/Kg	0.0080	0.0023	1	07/15/2022 12:45	07/15/2022 23:04	T
(SM 2540G)								
Percent Moisture	1	%	0.001	0.0010	1	07/18/2022 16:00	07/18/2022 16:00	T
VOLATILES (SW-846 5035/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.00097 U	mg/Kg	0.0030	0.00097	1	07/15/2022 16:39	07/16/2022 01:54	T
1,1,1-Trichloroethane	0.00071 U	mg/Kg	0.0030	0.00071	1	07/15/2022 16:39	07/16/2022 01:54	T
1,1,2,2-Tetrachloroethane	0.00052 U	mg/Kg	0.0030	0.00052	1	07/15/2022 16:39	07/16/2022 01:54	T
1,1,2-Trichloroethane	0.00049 U	mg/Kg	0.0030	0.00049	1	07/15/2022 16:39	07/16/2022 01:54	T
1,1-Dichloroethane	0.00071 U	mg/Kg	0.0030	0.00071	1	07/15/2022 16:39	07/16/2022 01:54	T
1,1-Dichloroethylene	0.00074 U	mg/Kg	0.0030	0.00074	1	07/15/2022 16:39	07/16/2022 01:54	T
1,1-Dichloropropene	0.00049 U	mg/Kg	0.0030	0.00049	1	07/15/2022 16:39	07/16/2022 01:54	T
1,2,3-Trichlorobenzene	0.00081 U	mg/Kg	0.0030	0.00081	1	07/15/2022 16:39	07/16/2022 01:54	T
1,2,3-Trichloropropane	0.0017 U	mg/Kg	0.0030	0.0017	1	07/15/2022 16:39	07/16/2022 01:54	T
1,2,4-Trichlorobenzene	0.00066 U	mg/Kg	0.0030	0.00066	1	07/15/2022 16:39	07/16/2022 01:54	T
1,2,4-Trimethylbenzene	0.00089 U	mg/Kg	0.0030	0.00089	1	07/15/2022 16:39	07/16/2022 01:54	T
1,2-Dibromo-3-Chloropropane	0.0013 U	mg/Kg	0.0030	0.0013	1	07/15/2022 16:39	07/16/2022 01:54	T
1,2-Dichlorobenzene	0.00048 U	mg/Kg	0.0030	0.00048	1	07/15/2022 16:39	07/16/2022 01:54	T
1,2-Dichloroethane	0.00079 U	mg/Kg	0.0030	0.00079	1	07/15/2022 16:39	07/16/2022 01:54	T
1,2-Dichloropropane	0.00054 U	mg/Kg	0.0030	0.00054	1	07/15/2022 16:39	07/16/2022 01:54	T
1,3,5-Trimethylbenzene	0.00068 U	mg/Kg	0.0030	0.00068	1	07/15/2022 16:39	07/16/2022 01:54	T
1,3-Dichlorobenzene	0.00056 U	mg/Kg	0.0030	0.00056	1	07/15/2022 16:39	07/16/2022 01:54	T
1,3-Dichloropropane	0.00043 U	mg/Kg	0.0030	0.00043	1	07/15/2022 16:39	07/16/2022 01:54	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125002 ID: B32 Shed3, 0.5'	Date Collected: 07/14/2022 13:20 Date Received: 07/14/2022 15:20					Matrix: Soil			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
1,4-Dichlorobenzene	0.00067 U	mg/Kg	0.0030	0.00067	1	07/15/2022 16:39	07/16/2022 01:54	T	
2,2-Dichloropropane	0.0012 U	mg/Kg	0.0030	0.0012	1	07/15/2022 16:39	07/16/2022 01:54	T	
2-Butanone (MEK)	0.0010 U	mg/Kg	0.0030	0.0010	1	07/15/2022 16:39	07/16/2022 01:54	T	
2-Chloroethyl Vinyl Ether	0.0026 U	mg/Kg	0.0030	0.0026	1	07/15/2022 16:39	07/16/2022 01:54	T	
2-Chlorotoluene	0.00068 U	mg/Kg	0.0030	0.00068	1	07/15/2022 16:39	07/16/2022 01:54	T	
2-Hexanone	0.0016 U	mg/Kg	0.0030	0.0016	1	07/15/2022 16:39	07/16/2022 01:54	T	
4-Chlorotoluene	0.00075 U	mg/Kg	0.0030	0.00075	1	07/15/2022 16:39	07/16/2022 01:54	T	
4-Methyl-2-pentanone (MIBK)	0.00068 U	mg/Kg	0.0030	0.00068	1	07/15/2022 16:39	07/16/2022 01:54	T	
Acetone	0.0022 U	mg/Kg	0.0030	0.0022	1	07/15/2022 16:39	07/16/2022 01:54	T	
Acrolein (Propenal)	0.0063 U	mg/Kg	0.015	0.0063	1	07/15/2022 16:39	07/16/2022 01:54	T	
Acrylonitrile	0.00053 U	mg/Kg	0.0030	0.00053	1	07/15/2022 16:39	07/16/2022 01:54	T	
Benzene	0.00050 U	mg/Kg	0.0030	0.00050	1	07/15/2022 16:39	07/16/2022 01:54	T	
Bromobenzene	0.00056 U	mg/Kg	0.0030	0.00056	1	07/15/2022 16:39	07/16/2022 01:54	T	
Bromochloromethane	0.00065 U	mg/Kg	0.0030	0.00065	1	07/15/2022 16:39	07/16/2022 01:54	T	
Bromodichloromethane	0.00054 U	mg/Kg	0.0030	0.00054	1	07/15/2022 16:39	07/16/2022 01:54	T	
Bromoform	0.0020 U	mg/Kg	0.0030	0.0020	1	07/15/2022 16:39	07/16/2022 01:54	T	
Bromomethane	0.0013 U	mg/Kg	0.0030	0.0013	1	07/15/2022 16:39	07/16/2022 01:54	T	
Carbon Disulfide	0.00087 U	mg/Kg	0.0030	0.00087	1	07/15/2022 16:39	07/16/2022 01:54	T	
Carbon Tetrachloride	0.00086 U	mg/Kg	0.0030	0.00086	1	07/15/2022 16:39	07/16/2022 01:54	T	
Chlorobenzene	0.00045 U	mg/Kg	0.0030	0.00045	1	07/15/2022 16:39	07/16/2022 01:54	T	
Chloroethane	0.0015 U	mg/Kg	0.0030	0.0015	1	07/15/2022 16:39	07/16/2022 01:54	T	
Chloroform	0.00062 U	mg/Kg	0.0030	0.00062	1	07/15/2022 16:39	07/16/2022 01:54	T	
Chloromethane	0.00070 U	mg/Kg	0.0030	0.00070	1	07/15/2022 16:39	07/16/2022 01:54	T	
Dibromochloromethane	0.0017 U	mg/Kg	0.0030	0.0017	1	07/15/2022 16:39	07/16/2022 01:54	T	

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125002 ID: B32 Shed3, 0.5'	Date Collected: 07/14/2022 13:20 Date Received: 07/14/2022 15:20					Matrix: Soil		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.00061 U	mg/Kg	0.0030	0.00061	1	07/15/2022 16:39	07/16/2022 01:54	T
Dichlorodifluoromethane	0.0010 U	mg/Kg	0.0030	0.0010	1	07/15/2022 16:39	07/16/2022 01:54	T
Ethylbenzene	0.00036 U	mg/Kg	0.0030	0.00036	1	07/15/2022 16:39	07/16/2022 01:54	T
Ethylene Dibromide (EDB)	0.00050 U	mg/Kg	0.0030	0.00050	1	07/15/2022 16:39	07/16/2022 01:54	T
Hexachlorobutadiene	0.0016 U	mg/Kg	0.0030	0.0016	1	07/15/2022 16:39	07/16/2022 01:54	T
Iodomethane (Methyl Iodide)	0.0021 U	mg/Kg	0.0030	0.0021	1	07/15/2022 16:39	07/16/2022 01:54	T
Isopropylbenzene	0.00063 U	mg/Kg	0.0030	0.00063	1	07/15/2022 16:39	07/16/2022 01:54	T
Methyl tert-butyl Ether (MTBE)	0.0010 U	mg/Kg	0.0030	0.0010	1	07/15/2022 16:39	07/16/2022 01:54	T
Methylene Chloride	0.0041 U	mg/Kg	0.0051	0.0041	1	07/15/2022 16:39	07/16/2022 01:54	T
Naphthalene	0.0014 U	mg/Kg	0.0030	0.0014	1	07/15/2022 16:39	07/16/2022 01:54	T
Styrene	0.00040 U	mg/Kg	0.0030	0.00040	1	07/15/2022 16:39	07/16/2022 01:54	T
Tetrachloroethylene (PCE)	0.00058 U	mg/Kg	0.0030	0.00058	1	07/15/2022 16:39	07/16/2022 01:54	T
Toluene	0.00037 U	mg/Kg	0.0030	0.00037	1	07/15/2022 16:39	07/16/2022 01:54	T
Trichloroethene	0.00075 U	mg/Kg	0.0030	0.00075	1	07/15/2022 16:39	07/16/2022 01:54	T
Trichlorofluoromethane	0.00067 U	mg/Kg	0.0030	0.00067	1	07/15/2022 16:39	07/16/2022 01:54	T
Vinyl Acetate	0.0015 U	mg/Kg	0.0030	0.0015	1	07/15/2022 16:39	07/16/2022 01:54	T
Vinyl Chloride	0.00058 U	mg/Kg	0.0030	0.00058	1	07/15/2022 16:39	07/16/2022 01:54	T
Xylene (Total)	0.0013 U	mg/Kg	0.0061	0.0013	1	07/15/2022 16:39	07/16/2022 01:54	T
cis-1,2-Dichloroethylene	0.00060 U	mg/Kg	0.0030	0.00060	1	07/15/2022 16:39	07/16/2022 01:54	T
cis-1,3-Dichloropropene	0.0022 U	mg/Kg	0.0030	0.0022	1	07/15/2022 16:39	07/16/2022 01:54	T
n-Butylbenzene	0.00083 U	mg/Kg	0.0030	0.00083	1	07/15/2022 16:39	07/16/2022 01:54	T
n-propylbenzene	0.00071 U	mg/Kg	0.0030	0.00071	1	07/15/2022 16:39	07/16/2022 01:54	T
sec-butylbenzene	0.00068 U	mg/Kg	0.0030	0.00068	1	07/15/2022 16:39	07/16/2022 01:54	T
tert-butylbenzene	0.00092 U	mg/Kg	0.0030	0.00092	1	07/15/2022 16:39	07/16/2022 01:54	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125002 Sample		Date Collected: 07/14/2022 13:20		Matrix: Soil				
ID: B32 Shed3, 0.5'		Date Received: 07/14/2022 15:20						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
trans-1,2-Dichloroethylene	0.00061 U	mg/Kg	0.0030	0.0006 1	1	07/15/2022 16:39	07/16/2022 01:54	T
trans-1,3-Dichloropropylene	0.0019 U	mg/Kg	0.0030	0.0019	1	07/15/2022 16:39	07/16/2022 01:54	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/Kg	50	53	105	69 - 134	T
Toluene-d8 (S)	ug/Kg	50	55	109	72 - 122	T
Bromofluorobenzene (S)	ug/Kg	50	60	119	79 - 126	T
2-Fluorobiphenyl (S)	ug/Kg	390	330	85	37 - 127	T
Nitrobenzene-d5 (S)	ug/Kg	390	310	78	33 - 134	T
p-Terphenyl-d14 (S)	ug/Kg	390	380	96	42 - 141	T
Nonatricontane-C39 (S)	mg/Kg	5.90	4.40	75	36 - 132	T
o-Terphenyl (S)	mg/Kg	2	1.80	91	66 - 136	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125003	Sample ID: B21 Shed4, 0.5'	Date Collected: 07/14/2022 13:10	Date Received: 07/14/2022 15:20	Matrix: Soil				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.46	mg/Kg	0.26	0.13	1	07/18/2022 15:00	07/19/2022 10:55	T
Barium	23	mg/Kg	0.26	0.13	1	07/18/2022 15:00	07/19/2022 10:55	T
Cadmium	0.17	mg/Kg	0.052	0.026	1	07/18/2022 15:00	07/19/2022 10:55	T
Chromium	4.6	mg/Kg	0.26	0.21	1	07/18/2022 15:00	07/19/2022 10:55	T
Lead	3.3	mg/Kg	0.26	0.13	1	07/18/2022 15:00	07/19/2022 10:55	T
Selenium	1.0 U	mg/Kg	2.6	1.0	1	07/18/2022 15:00	07/19/2022 10:55	T
Silver	0.21 U	mg/Kg	0.26	0.21	1	07/18/2022 15:00	07/19/2022 10:55	T
METALS (SW-846 7471A)								
Mercury	0.032	mg/Kg	0.0061	0.0029	2	07/25/2022 16:00	07/27/2022 16:06	T
SEMIVOLATILES (FL-PRO)								
TPH	5.5 I	mg/Kg	14	5.0	1	07/15/2022 12:45	07/18/2022 21:09	T
SEMIVOLATILES (SW-846 3550B/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.0016 U	mg/Kg	0.0083	0.0016	1	07/15/2022 12:45	07/16/2022 00:59	T
2-Methylnaphthalene	0.0020 U	mg/Kg	0.0083	0.0020	1	07/15/2022 12:45	07/16/2022 00:59	T
Acenaphthene	0.0015 U	mg/Kg	0.0083	0.0015	1	07/15/2022 12:45	07/16/2022 00:59	T
Acenaphthylene	0.0018 U	mg/Kg	0.0083	0.0018	1	07/15/2022 12:45	07/16/2022 00:59	T
Anthracene	0.0025 U	mg/Kg	0.0083	0.0025	1	07/15/2022 12:45	07/16/2022 00:59	T
Benzo[a]anthracene	0.0020 U	mg/Kg	0.0083	0.0020	1	07/15/2022 12:45	07/16/2022 00:59	T
Benzo[a]pyrene	0.0017 U	mg/Kg	0.0083	0.0017	1	07/15/2022 12:45	07/16/2022 00:59	T
Benzo[b]fluoranthene	0.0031 I	mg/Kg	0.0083	0.0016	1	07/15/2022 12:45	07/16/2022 00:59	T
Benzo[g,h,i]perylene	0.0019 U	mg/Kg	0.0083	0.0019	1	07/15/2022 12:45	07/16/2022 00:59	T
Benzo[k]fluoranthene	0.0024 U	mg/Kg	0.0083	0.0024	1	07/15/2022 12:45	07/16/2022 00:59	T
Chrysene	0.0030 U	mg/Kg	0.0083	0.0030	1	07/15/2022 12:45	07/16/2022 00:59	T
Dibenzo[a,h]anthracene	0.0017 U	mg/Kg	0.0083	0.0017	1	07/15/2022 12:45	07/16/2022 00:59	T
Fluoranthene	0.0029 I	mg/Kg	0.0083	0.0028	1	07/15/2022 12:45	07/16/2022 00:59	T
Fluorene	0.0022 U	mg/Kg	0.0083	0.0022	1	07/15/2022 12:45	07/16/2022 00:59	T
Indeno(1,2,3-cd)pyrene	0.0024 U	mg/Kg	0.0083	0.0024	1	07/15/2022 12:45	07/16/2022 00:59	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125003	Sample ID: B21 Shed4, 0.5'	Date Collected: 07/14/2022 13:10	Date Received: 07/14/2022 15:20	Matrix: Soil				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Naphthalene	0.0017 U	mg/Kg	0.0083	0.0017	1	07/15/2022 12:45	07/16/2022 00:59	T
Phenanthrene	0.0022 U	mg/Kg	0.0083	0.0022	1	07/15/2022 12:45	07/16/2022 00:59	T
Pyrene	0.0026 I	mg/Kg	0.0083	0.0024	1	07/15/2022 12:45	07/16/2022 00:59	T
(SM 2540G)								
Percent Moisture	5	%	0.001	0.0010	1	07/18/2022 16:00	07/18/2022 16:00	T
VOLATILES (SW-846 5035/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.0010 U	mg/Kg	0.0032	0.0010	1	07/15/2022 16:39	07/16/2022 02:20	T
1,1,1-Trichloroethane	0.00074 U	mg/Kg	0.0032	0.00074	1	07/15/2022 16:39	07/16/2022 02:20	T
1,1,2,2-Tetrachloroethane	0.00054 U	mg/Kg	0.0032	0.00054	1	07/15/2022 16:39	07/16/2022 02:20	T
1,1,2-Trichloroethane	0.00051 U	mg/Kg	0.0032	0.00051	1	07/15/2022 16:39	07/16/2022 02:20	T
1,1-Dichloroethane	0.00074 U	mg/Kg	0.0032	0.00074	1	07/15/2022 16:39	07/16/2022 02:20	T
1,1-Dichloroethylene	0.00077 U	mg/Kg	0.0032	0.00077	1	07/15/2022 16:39	07/16/2022 02:20	T
1,1-Dichloropropene	0.00051 U	mg/Kg	0.0032	0.00051	1	07/15/2022 16:39	07/16/2022 02:20	T
1,2,3-Trichlorobenzene	0.00084 U	mg/Kg	0.0032	0.00084	1	07/15/2022 16:39	07/16/2022 02:20	T
1,2,3-Trichloropropane	0.0018 U	mg/Kg	0.0032	0.0018	1	07/15/2022 16:39	07/16/2022 02:20	T
1,2,4-Trichlorobenzene	0.00069 U	mg/Kg	0.0032	0.00069	1	07/15/2022 16:39	07/16/2022 02:20	T
1,2,4-Trimethylbenzene	0.00093 U	mg/Kg	0.0032	0.00093	1	07/15/2022 16:39	07/16/2022 02:20	T
1,2-Dibromo-3-Chloropropane	0.0014 U	mg/Kg	0.0032	0.0014	1	07/15/2022 16:39	07/16/2022 02:20	T
1,2-Dichlorobenzene	0.00050 U	mg/Kg	0.0032	0.00050	1	07/15/2022 16:39	07/16/2022 02:20	T
1,2-Dichloroethane	0.00083 U	mg/Kg	0.0032	0.00083	1	07/15/2022 16:39	07/16/2022 02:20	T
1,2-Dichloropropane	0.00057 U	mg/Kg	0.0032	0.00057	1	07/15/2022 16:39	07/16/2022 02:20	T
1,3,5-Trimethylbenzene	0.00070 U	mg/Kg	0.0032	0.00070	1	07/15/2022 16:39	07/16/2022 02:20	T
1,3-Dichlorobenzene	0.00058 U	mg/Kg	0.0032	0.00058	1	07/15/2022 16:39	07/16/2022 02:20	T
1,3-Dichloropropane	0.00045 U	mg/Kg	0.0032	0.00045	1	07/15/2022 16:39	07/16/2022 02:20	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125003	Sample ID: B21 Shed4, 0.5'	Date Collected: 07/14/2022 13:10	Date Received: 07/14/2022 15:20	Matrix: Soil				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,4-Dichlorobenzene	0.00070 U	mg/Kg	0.0032	0.00070	1	07/15/2022 16:39	07/16/2022 02:20	T
2,2-Dichloropropane	0.0012 U	mg/Kg	0.0032	0.0012	1	07/15/2022 16:39	07/16/2022 02:20	T
2-Butanone (MEK)	0.0011 U	mg/Kg	0.0032	0.0011	1	07/15/2022 16:39	07/16/2022 02:20	T
2-Chloroethyl Vinyl Ether	0.0028 U	mg/Kg	0.0032	0.0028	1	07/15/2022 16:39	07/16/2022 02:20	T
2-Chlorotoluene	0.00070 U	mg/Kg	0.0032	0.00070	1	07/15/2022 16:39	07/16/2022 02:20	T
2-Hexanone	0.0016 U	mg/Kg	0.0032	0.0016	1	07/15/2022 16:39	07/16/2022 02:20	T
4-Chlorotoluene	0.00079 U	mg/Kg	0.0032	0.00079	1	07/15/2022 16:39	07/16/2022 02:20	T
4-Methyl-2-pentanone (MIBK)	0.00071 U	mg/Kg	0.0032	0.00071	1	07/15/2022 16:39	07/16/2022 02:20	T
Acetone	0.0023 U	mg/Kg	0.0032	0.0023	1	07/15/2022 16:39	07/16/2022 02:20	T
Acrolein (Propenal)	0.0066 U	mg/Kg	0.016	0.0066	1	07/15/2022 16:39	07/16/2022 02:20	T
Acrylonitrile	0.00055 U	mg/Kg	0.0032	0.00055	1	07/15/2022 16:39	07/16/2022 02:20	T
Benzene	0.00052 U	mg/Kg	0.0032	0.00052	1	07/15/2022 16:39	07/16/2022 02:20	T
Bromobenzene	0.00059 U	mg/Kg	0.0032	0.00059	1	07/15/2022 16:39	07/16/2022 02:20	T
Bromochloromethane	0.00068 U	mg/Kg	0.0032	0.00068	1	07/15/2022 16:39	07/16/2022 02:20	T
Bromodichloromethane	0.00056 U	mg/Kg	0.0032	0.00056	1	07/15/2022 16:39	07/16/2022 02:20	T
Bromoform	0.0021 U	mg/Kg	0.0032	0.0021	1	07/15/2022 16:39	07/16/2022 02:20	T
Bromomethane	0.0013 U	mg/Kg	0.0032	0.0013	1	07/15/2022 16:39	07/16/2022 02:20	T
Carbon Disulfide	0.00090 U	mg/Kg	0.0032	0.00090	1	07/15/2022 16:39	07/16/2022 02:20	T
Carbon Tetrachloride	0.00089 U	mg/Kg	0.0032	0.00089	1	07/15/2022 16:39	07/16/2022 02:20	T
Chlorobenzene	0.00047 U	mg/Kg	0.0032	0.00047	1	07/15/2022 16:39	07/16/2022 02:20	T
Chloroethane	0.0016 U	mg/Kg	0.0032	0.0016	1	07/15/2022 16:39	07/16/2022 02:20	T
Chloroform	0.00065 U	mg/Kg	0.0032	0.00065	1	07/15/2022 16:39	07/16/2022 02:20	T
Chloromethane	0.00072 U	mg/Kg	0.0032	0.00072	1	07/15/2022 16:39	07/16/2022 02:20	T
Dibromochloromethane	0.0018 U	mg/Kg	0.0032	0.0018	1	07/15/2022 16:39	07/16/2022 02:20	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125003 Sample ID: B21 Shed4, 0.5'			Date Collected: 07/14/2022 13:10			Matrix: Soil		
			Date Received: 07/14/2022 15:20					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.00064 U	mg/Kg	0.0032	0.00064	1	07/15/2022 16:39	07/16/2022 02:20	T
Dichlorodifluoromethane	0.0011 U	mg/Kg	0.0032	0.0011	1	07/15/2022 16:39	07/16/2022 02:20	T
Ethylbenzene	0.00038 U	mg/Kg	0.0032	0.00038	1	07/15/2022 16:39	07/16/2022 02:20	T
Ethylene Dibromide (EDB)	0.00052 U	mg/Kg	0.0032	0.00052	1	07/15/2022 16:39	07/16/2022 02:20	T
Hexachlorobutadiene	0.0016 U	mg/Kg	0.0032	0.0016	1	07/15/2022 16:39	07/16/2022 02:20	T
Iodomethane (Methyl Iodide)	0.0022 U	mg/Kg	0.0032	0.0022	1	07/15/2022 16:39	07/16/2022 02:20	T
Isopropylbenzene	0.00066 U	mg/Kg	0.0032	0.00066	1	07/15/2022 16:39	07/16/2022 02:20	T
Methyl tert-butyl Ether (MTBE)	0.0010 U	mg/Kg	0.0032	0.0010	1	07/15/2022 16:39	07/16/2022 02:20	T
Methylene Chloride	0.0043 U	mg/Kg	0.0053	0.0043	1	07/15/2022 16:39	07/16/2022 02:20	T
Naphthalene	0.0015 U	mg/Kg	0.0032	0.0015	1	07/15/2022 16:39	07/16/2022 02:20	T
Styrene	0.00042 U	mg/Kg	0.0032	0.00042	1	07/15/2022 16:39	07/16/2022 02:20	T
Tetrachloroethylene (PCE)	0.00060 U	mg/Kg	0.0032	0.00060	1	07/15/2022 16:39	07/16/2022 02:20	T
Toluene	0.00039 U	mg/Kg	0.0032	0.00039	1	07/15/2022 16:39	07/16/2022 02:20	T
Trichloroethene	0.00078 U	mg/Kg	0.0032	0.00078	1	07/15/2022 16:39	07/16/2022 02:20	T
Trichlorofluoromethane	0.00070 U	mg/Kg	0.0032	0.00070	1	07/15/2022 16:39	07/16/2022 02:20	T
Vinyl Acetate	0.0015 U	mg/Kg	0.0032	0.0015	1	07/15/2022 16:39	07/16/2022 02:20	T
Vinyl Chloride	0.00061 U	mg/Kg	0.0032	0.00061	1	07/15/2022 16:39	07/16/2022 02:20	T
Xylene (Total)	0.0014 U	mg/Kg	0.0063	0.0014	1	07/15/2022 16:39	07/16/2022 02:20	T
cis-1,2-Dichloroethylene	0.00062 U	mg/Kg	0.0032	0.00062	1	07/15/2022 16:39	07/16/2022 02:20	T
cis-1,3-Dichloropropene	0.0023 U	mg/Kg	0.0032	0.0023	1	07/15/2022 16:39	07/16/2022 02:20	T
n-Butylbenzene	0.00086 U	mg/Kg	0.0032	0.00086	1	07/15/2022 16:39	07/16/2022 02:20	T
n-propylbenzene	0.00074 U	mg/Kg	0.0032	0.00074	1	07/15/2022 16:39	07/16/2022 02:20	T
sec-butylbenzene	0.00071 U	mg/Kg	0.0032	0.00071	1	07/15/2022 16:39	07/16/2022 02:20	T
tert-butylbenzene	0.00096 U	mg/Kg	0.0032	0.00096	1	07/15/2022 16:39	07/16/2022 02:20	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125003 Sample		Date Collected: 07/14/2022 13:10		Matrix: Soil				
ID: B21 Shed4, 0.5'		Date Received: 07/14/2022 15:20						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
trans-1,2-Dichloroethylene	0.00064 U	mg/Kg	0.0032	0.00064	1	07/15/2022 16:39	07/16/2022 02:20	T
trans-1,3-Dichloropropylene	0.0019 U	mg/Kg	0.0032	0.0019	1	07/15/2022 16:39	07/16/2022 02:20	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/Kg	50	52	104	69 - 134	T
Toluene-d8 (S)	ug/Kg	50	54	108	72 - 122	T
Bromofluorobenzene (S)	ug/Kg	50	51	102	79 - 126	T
2-Fluorobiphenyl (S)	ug/Kg	400	300	75	37 - 127	T
Nitrobenzene-d5 (S)	ug/Kg	400	280	70	33 - 134	T
p-Terphenyl-d14 (S)	ug/Kg	400	370	95	42 - 141	T
Nonatricontane-C39 (S)	mg/Kg	5.90	3.50	59	36 - 132	T
o-Terphenyl (S)	mg/Kg	2	1.40	69	66 - 136	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID:	T2214125004	Date Collected:	07/14/2022 12:50			Matrix:	Soil		
Sample ID:	B27 0.5'	Date Received:	07/14/2022 15:20						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
METALS (SW-846 3050B/SW-846 6010)									
Arsenic	0.43	mg/Kg	0.27	0.14	1	07/18/2022 15:00	07/19/2022 10:58	T	
Barium	25	mg/Kg	0.27	0.14	1	07/18/2022 15:00	07/19/2022 10:58	T	
Cadmium	0.17	mg/Kg	0.055	0.027	1	07/18/2022 15:00	07/19/2022 10:58	T	
Chromium	4.2	mg/Kg	0.27	0.22	1	07/18/2022 15:00	07/19/2022 10:58	T	
Lead	3.8	mg/Kg	0.27	0.14	1	07/18/2022 15:00	07/19/2022 10:58	T	
Selenium	1.1 U	mg/Kg	2.7	1.1	1	07/18/2022 15:00	07/19/2022 10:58	T	
Silver	0.22 U	mg/Kg	0.27	0.22	1	07/18/2022 15:00	07/19/2022 10:58	T	
METALS (SW-846 7471A)									
Mercury	0.012	mg/Kg	0.0060	0.0029	2	07/25/2022 16:00	07/27/2022 16:15	T	
SEMIVOLATILES (FL-PRO)									
TPH	5.0 U	mg/Kg	14	5.0	1	07/15/2022 12:45	07/18/2022 19:15	T	
SEMIVOLATILES (SW-846 3550B/SW-846 8270C (SIM))									
1-Methylnaphthalene	0.0016 U	mg/Kg	0.0084	0.0016	1	07/15/2022 12:45	07/16/2022 00:31	T	
2-Methylnaphthalene	0.0021 U	mg/Kg	0.0084	0.0021	1	07/15/2022 12:45	07/16/2022 00:31	T	
Acenaphthene	0.0015 U	mg/Kg	0.0084	0.0015	1	07/15/2022 12:45	07/16/2022 00:31	T	
Acenaphthylene	0.0018 U	mg/Kg	0.0084	0.0018	1	07/15/2022 12:45	07/16/2022 00:31	T	
Anthracene	0.0026 U	mg/Kg	0.0084	0.0026	1	07/15/2022 12:45	07/16/2022 00:31	T	
Benzo[a]anthracene	0.0020 U	mg/Kg	0.0084	0.0020	1	07/15/2022 12:45	07/16/2022 00:31	T	
Benzo[a]pyrene	0.0017 U	mg/Kg	0.0084	0.0017	1	07/15/2022 12:45	07/16/2022 00:31	T	
Benzo[b]fluoranthene	0.0016 U	mg/Kg	0.0084	0.0016	1	07/15/2022 12:45	07/16/2022 00:31	T	
Benzo[g,h,i]perylene	0.0019 U	mg/Kg	0.0084	0.0019	1	07/15/2022 12:45	07/16/2022 00:31	T	
Benzo[k]fluoranthene	0.0024 U	mg/Kg	0.0084	0.0024	1	07/15/2022 12:45	07/16/2022 00:31	T	
Chrysene	0.0030 U	mg/Kg	0.0084	0.0030	1	07/15/2022 12:45	07/16/2022 00:31	T	
Dibenzo[a,h]anthracene	0.0017 U	mg/Kg	0.0084	0.0017	1	07/15/2022 12:45	07/16/2022 00:31	T	
Fluoranthene	0.0028 U	mg/Kg	0.0084	0.0028	1	07/15/2022 12:45	07/16/2022 00:31	T	
Fluorene	0.0022 U	mg/Kg	0.0084	0.0022	1	07/15/2022 12:45	07/16/2022 00:31	T	
Indeno(1,2,3-cd)pyrene	0.0024 U	mg/Kg	0.0084	0.0024	1	07/15/2022 12:45	07/16/2022 00:31	T	





FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125004	Date Collected: 07/14/2022 12:50					Matrix: Soil		
Sample ID: B27 0.5'	Date Received: 07/14/2022 15:20							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Naphthalene	0.0017 U	mg/Kg	0.0084	0.0017	1	07/15/2022 12:45	07/16/2022 00:31	T
Phenanthrene	0.0022 U	mg/Kg	0.0084	0.0022	1	07/15/2022 12:45	07/16/2022 00:31	T
Pyrene	0.0024 U	mg/Kg	0.0084	0.0024	1	07/15/2022 12:45	07/16/2022 00:31	T
(SM 2540G)								
Percent Moisture	6	%	0.001	0.0010	1	07/18/2022 16:00	07/18/2022 16:00	T
VOLATILES (SW-846 5035/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.0010 U	mg/Kg	0.0032	0.0010	1	07/15/2022 16:39	07/16/2022 02:47	T
1,1,1-Trichloroethane	0.00074 U	mg/Kg	0.0032	0.00074	1	07/15/2022 16:39	07/16/2022 02:47	T
1,1,2,2-Tetrachloroethane	0.00054 U	mg/Kg	0.0032	0.00054	1	07/15/2022 16:39	07/16/2022 02:47	T
1,1,2-Trichloroethane	0.00052 U	mg/Kg	0.0032	0.00052	1	07/15/2022 16:39	07/16/2022 02:47	T
1,1-Dichloroethane	0.00074 U	mg/Kg	0.0032	0.00074	1	07/15/2022 16:39	07/16/2022 02:47	T
1,1-Dichloroethylene	0.00078 U	mg/Kg	0.0032	0.00078	1	07/15/2022 16:39	07/16/2022 02:47	T
1,1-Dichloropropene	0.00051 U	mg/Kg	0.0032	0.00051	1	07/15/2022 16:39	07/16/2022 02:47	T
1,2,3-Trichlorobenzene	0.00085 U	mg/Kg	0.0032	0.00085	1	07/15/2022 16:39	07/16/2022 02:47	T
1,2,3-Trichloropropane	0.0018 U	mg/Kg	0.0032	0.0018	1	07/15/2022 16:39	07/16/2022 02:47	T
1,2,4-Trichlorobenzene	0.00069 U	mg/Kg	0.0032	0.00069	1	07/15/2022 16:39	07/16/2022 02:47	T
1,2,4-Trimethylbenzene	0.00093 U	mg/Kg	0.0032	0.00093	1	07/15/2022 16:39	07/16/2022 02:47	T
1,2-Dibromo-3-Chloropropane	0.0014 U	mg/Kg	0.0032	0.0014	1	07/15/2022 16:39	07/16/2022 02:47	T
1,2-Dichlorobenzene	0.00050 U	mg/Kg	0.0032	0.00050	1	07/15/2022 16:39	07/16/2022 02:47	T
1,2-Dichloroethane	0.00083 U	mg/Kg	0.0032	0.00083	1	07/15/2022 16:39	07/16/2022 02:47	T
1,2-Dichloropropane	0.00057 U	mg/Kg	0.0032	0.00057	1	07/15/2022 16:39	07/16/2022 02:47	T
1,3,5-Trimethylbenzene	0.00071 U	mg/Kg	0.0032	0.00071	1	07/15/2022 16:39	07/16/2022 02:47	T
1,3-Dichlorobenzene	0.00059 U	mg/Kg	0.0032	0.00059	1	07/15/2022 16:39	07/16/2022 02:47	T
1,3-Dichloropropane	0.00045 U	mg/Kg	0.0032	0.00045	1	07/15/2022 16:39	07/16/2022 02:47	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125004
Sample ID: B27 0.5'

Date Collected: 07/14/2022 12:50
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,4-Dichlorobenzene	0.00070 U	mg/Kg	0.0032	0.00070	1	07/15/2022 16:39	07/16/2022 02:47	T
2,2-Dichloropropane	0.0012 U	mg/Kg	0.0032	0.0012	1	07/15/2022 16:39	07/16/2022 02:47	T
2-Butanone (MEK)	0.0011 U	mg/Kg	0.0032	0.0011	1	07/15/2022 16:39	07/16/2022 02:47	T
2-Chloroethyl Vinyl Ether	0.0028 U	mg/Kg	0.0032	0.0028	1	07/15/2022 16:39	07/16/2022 02:47	T
2-Chlorotoluene	0.00071 U	mg/Kg	0.0032	0.00071	1	07/15/2022 16:39	07/16/2022 02:47	T
2-Hexanone	0.0016 U	mg/Kg	0.0032	0.0016	1	07/15/2022 16:39	07/16/2022 02:47	T
4-Chlorotoluene	0.00079 U	mg/Kg	0.0032	0.00079	1	07/15/2022 16:39	07/16/2022 02:47	T
4-Methyl-2-pentanone (MIBK)	0.00072 U	mg/Kg	0.0032	0.00072	1	07/15/2022 16:39	07/16/2022 02:47	T
Acetone	0.0023 U	mg/Kg	0.0032	0.0023	1	07/15/2022 16:39	07/16/2022 02:47	T
Acrolein (Propenal)	0.0066 U	mg/Kg	0.016	0.0066	1	07/15/2022 16:39	07/16/2022 02:47	T
Acrylonitrile	0.00055 U	mg/Kg	0.0032	0.00055	1	07/15/2022 16:39	07/16/2022 02:47	T
Benzene	0.00053 U	mg/Kg	0.0032	0.00053	1	07/15/2022 16:39	07/16/2022 02:47	T
Bromobenzene	0.00059 U	mg/Kg	0.0032	0.00059	1	07/15/2022 16:39	07/16/2022 02:47	T
Bromochloromethane	0.00068 U	mg/Kg	0.0032	0.00068	1	07/15/2022 16:39	07/16/2022 02:47	T
Bromodichloromethane	0.00056 U	mg/Kg	0.0032	0.00056	1	07/15/2022 16:39	07/16/2022 02:47	T
Bromoform	0.0021 U	mg/Kg	0.0032	0.0021	1	07/15/2022 16:39	07/16/2022 02:47	T
Bromomethane	0.0013 U	mg/Kg	0.0032	0.0013	1	07/15/2022 16:39	07/16/2022 02:47	T
Carbon Disulfide	0.00091 U	mg/Kg	0.0032	0.00091	1	07/15/2022 16:39	07/16/2022 02:47	T
Carbon Tetrachloride	0.00089 U	mg/Kg	0.0032	0.00089	1	07/15/2022 16:39	07/16/2022 02:47	T
Chlorobenzene	0.00047 U	mg/Kg	0.0032	0.00047	1	07/15/2022 16:39	07/16/2022 02:47	T
Chloroethane	0.0016 U	mg/Kg	0.0032	0.0016	1	07/15/2022 16:39	07/16/2022 02:47	T
Chloroform	0.00065 U	mg/Kg	0.0032	0.00065	1	07/15/2022 16:39	07/16/2022 02:47	T
Chloromethane	0.00073 U	mg/Kg	0.0032	0.00073	1	07/15/2022 16:39	07/16/2022 02:47	T
Dibromochloromethane	0.0018 U	mg/Kg	0.0032	0.0018	1	07/15/2022 16:39	07/16/2022 02:47	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125004
Sample ID: B27 0.5'

Date Collected: 07/14/2022 12:50
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.00064 U	mg/Kg	0.0032	0.00064	1	07/15/2022 16:39	07/16/2022 02:47	T
Dichlorodifluoromethane	0.0011 U	mg/Kg	0.0032	0.0011	1	07/15/2022 16:39	07/16/2022 02:47	T
Ethylbenzene	0.00038 U	mg/Kg	0.0032	0.00038	1	07/15/2022 16:39	07/16/2022 02:47	T
Ethylene Dibromide (EDB)	0.00053 U	mg/Kg	0.0032	0.00053	1	07/15/2022 16:39	07/16/2022 02:47	T
Hexachlorobutadiene	0.0016 U	mg/Kg	0.0032	0.0016	1	07/15/2022 16:39	07/16/2022 02:47	T
Iodomethane (Methyl Iodide)	0.0022 U	mg/Kg	0.0032	0.0022	1	07/15/2022 16:39	07/16/2022 02:47	T
Isopropylbenzene	0.00066 U	mg/Kg	0.0032	0.00066	1	07/15/2022 16:39	07/16/2022 02:47	T
Methyl tert-butyl Ether (MTBE)	0.0010 U	mg/Kg	0.0032	0.0010	1	07/15/2022 16:39	07/16/2022 02:47	T
Methylene Chloride	0.0043 U	mg/Kg	0.0053	0.0043	1	07/15/2022 16:39	07/16/2022 02:47	T
Naphthalene	0.0015 U	mg/Kg	0.0032	0.0015	1	07/15/2022 16:39	07/16/2022 02:47	T
Styrene	0.00042 U	mg/Kg	0.0032	0.00042	1	07/15/2022 16:39	07/16/2022 02:47	T
Tetrachloroethylene (PCE)	0.00060 U	mg/Kg	0.0032	0.00060	1	07/15/2022 16:39	07/16/2022 02:47	T
Toluene	0.00039 U	mg/Kg	0.0032	0.00039	1	07/15/2022 16:39	07/16/2022 02:47	T
Trichloroethene	0.00078 U	mg/Kg	0.0032	0.00078	1	07/15/2022 16:39	07/16/2022 02:47	T
Trichlorofluoromethane	0.00070 U	mg/Kg	0.0032	0.00070	1	07/15/2022 16:39	07/16/2022 02:47	T
Vinyl Acetate	0.0015 U	mg/Kg	0.0032	0.0015	1	07/15/2022 16:39	07/16/2022 02:47	T
Vinyl Chloride	0.00061 U	mg/Kg	0.0032	0.00061	1	07/15/2022 16:39	07/16/2022 02:47	T
Xylene (Total)	0.0014 U	mg/Kg	0.0064	0.0014	1	07/15/2022 16:39	07/16/2022 02:47	T
cis-1,2-Dichloroethylene	0.00063 U	mg/Kg	0.0032	0.00063	1	07/15/2022 16:39	07/16/2022 02:47	T
cis-1,3-Dichloropropene	0.0023 U	mg/Kg	0.0032	0.0023	1	07/15/2022 16:39	07/16/2022 02:47	T
n-Butylbenzene	0.00086 U	mg/Kg	0.0032	0.00086	1	07/15/2022 16:39	07/16/2022 02:47	T
n-propylbenzene	0.00074 U	mg/Kg	0.0032	0.00074	1	07/15/2022 16:39	07/16/2022 02:47	T
sec-butylbenzene	0.00071 U	mg/Kg	0.0032	0.00071	1	07/15/2022 16:39	07/16/2022 02:47	T
tert-butylbenzene	0.00096 U	mg/Kg	0.0032	0.00096	1	07/15/2022 16:39	07/16/2022 02:47	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125004
Sample ID: B27 0.5'

Date Collected: 07/14/2022 12:50
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
trans-1,2-Dichloroethylene	0.00064 U	mg/Kg	0.0032	0.00064	1	07/15/2022 16:39	07/16/2022 02:47	T
trans-1,3-Dichloropropylene	0.0019 U	mg/Kg	0.0032	0.0019	1	07/15/2022 16:39	07/16/2022 02:47	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/Kg	50	53	106	69 - 134	T
Toluene-d8 (S)	ug/Kg	50	54	108	72 - 122	T
Bromofluorobenzene (S)	ug/Kg	50	59	118	79 - 126	T
2-Fluorobiphenyl (S)	ug/Kg	400	310	79	37 - 127	T
Nitrobenzene-d5 (S)	ug/Kg	400	290	74	33 - 134	T
p-Terphenyl-d14 (S)	ug/Kg	400	370	94	42 - 141	T
Nonatricontane-C39 (S)	mg/Kg	6	4	68	36 - 132	T
o-Terphenyl (S)	mg/Kg	2	1.60	81	66 - 136	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID:	T2214125005	Date Collected:	07/14/2022 11:00			Matrix:	Soil		
Sample ID:	B31 0.5'	Date Received:	07/14/2022 15:20						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
METALS (SW-846 3050B/SW-846 6010)									
Arsenic	0.35	mg/Kg	0.26	0.13	1	07/18/2022 15:00	07/19/2022 11:01	T	
Barium	22	mg/Kg	0.26	0.13	1	07/18/2022 15:00	07/19/2022 11:01	T	
Cadmium	0.098	mg/Kg	0.052	0.026	1	07/18/2022 15:00	07/19/2022 11:01	T	
Chromium	3.3	mg/Kg	0.26	0.21	1	07/18/2022 15:00	07/19/2022 11:01	T	
Lead	1.5	mg/Kg	0.26	0.13	1	07/18/2022 15:00	07/19/2022 11:01	T	
Selenium	1.0 U	mg/Kg	2.6	1.0	1	07/18/2022 15:00	07/19/2022 11:01	T	
Silver	0.21 U	mg/Kg	0.26	0.21	1	07/18/2022 15:00	07/19/2022 11:01	T	
METALS (SW-846 7471A)									
Mercury	0.0029 I	mg/Kg	0.0058	0.0028	2	07/25/2022 16:00	07/27/2022 16:17	T	
SEMIVOLATILES (FL-PRO)									
TPH	8.0 I	mg/Kg	14	5.0	1	07/15/2022 12:45	07/18/2022 18:18	T	
SEMIVOLATILES (SW-846 3550B/SW-846 8270C (SIM))									
1-Methylnaphthalene	0.0016 U	mg/Kg	0.0083	0.0016	1	07/15/2022 12:45	07/15/2022 21:38	T	
2-Methylnaphthalene	0.0020 U	mg/Kg	0.0083	0.0020	1	07/15/2022 12:45	07/15/2022 21:38	T	
Acenaphthene	0.0015 U	mg/Kg	0.0083	0.0015	1	07/15/2022 12:45	07/15/2022 21:38	T	
Acenaphthylene	0.0018 U	mg/Kg	0.0083	0.0018	1	07/15/2022 12:45	07/15/2022 21:38	T	
Anthracene	0.0025 U	mg/Kg	0.0083	0.0025	1	07/15/2022 12:45	07/15/2022 21:38	T	
Benzo[a]anthracene	0.0024 I	mg/Kg	0.0083	0.0020	1	07/15/2022 12:45	07/15/2022 21:38	T	
Benzo[a]pyrene	0.0040 I	mg/Kg	0.0083	0.0017	1	07/15/2022 12:45	07/15/2022 21:38	T	
Benzo[b]fluoranthene	0.0078 I	mg/Kg	0.0083	0.0016	1	07/15/2022 12:45	07/15/2022 21:38	T	
Benzo[g,h,i]perylene	0.0030 I	mg/Kg	0.0083	0.0019	1	07/15/2022 12:45	07/15/2022 21:38	T	
Benzo[k]fluoranthene	0.0032 I	mg/Kg	0.0083	0.0024	1	07/15/2022 12:45	07/15/2022 21:38	T	
Chrysene	0.0030 U	mg/Kg	0.0083	0.0030	1	07/15/2022 12:45	07/15/2022 21:38	T	
Dibenzo[a,h]anthracene	0.0017 U	mg/Kg	0.0083	0.0017	1	07/15/2022 12:45	07/15/2022 21:38	T	
Fluoranthene	0.0028 U	mg/Kg	0.0083	0.0028	1	07/15/2022 12:45	07/15/2022 21:38	T	
Fluorene	0.0022 U	mg/Kg	0.0083	0.0022	1	07/15/2022 12:45	07/15/2022 21:38	T	
Indeno(1,2,3-cd)pyrene	0.0036 I	mg/Kg	0.0083	0.0024	1	07/15/2022 12:45	07/15/2022 21:38	T	

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125005
Sample ID: B31 0.5'

Date Collected: 07/14/2022 11:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Naphthalene	0.0017 U	mg/Kg	0.0083	0.0017	1	07/15/2022 12:45	07/15/2022 21:38	T
Phenanthrene	0.0022 U	mg/Kg	0.0083	0.0022	1	07/15/2022 12:45	07/15/2022 21:38	T
Pyrene	0.0061 I	mg/Kg	0.0083	0.0024	1	07/15/2022 12:45	07/15/2022 21:38	T
(SM 2540G)								
Percent Moisture	5	%	0.001	0.0010	1	07/18/2022 16:00	07/18/2022 16:00	T
VOLATILES (SW-846 5035/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.0011 U	mg/Kg	0.0034	0.0011	1	07/20/2022 13:06	07/20/2022 18:09	T
1,1,1-Trichloroethane	0.00078 U	mg/Kg	0.0034	0.00078	1	07/20/2022 13:06	07/20/2022 18:09	T
1,1,2,2-Tetrachloroethane	0.00057 U	mg/Kg	0.0034	0.00057	1	07/20/2022 13:06	07/20/2022 18:09	T
1,1,2-Trichloroethane	0.00054 U	mg/Kg	0.0034	0.00054	1	07/20/2022 13:06	07/20/2022 18:09	T
1,1-Dichloroethane	0.00078 U	mg/Kg	0.0034	0.00078	1	07/20/2022 13:06	07/20/2022 18:09	T
1,1-Dichloroethylene	0.00082 U	mg/Kg	0.0034	0.00082	1	07/20/2022 13:06	07/20/2022 18:09	T
1,1-Dichloropropene	0.00054 U	mg/Kg	0.0034	0.00054	1	07/20/2022 13:06	07/20/2022 18:09	T
1,2,3-Trichlorobenzene	0.00089 U	mg/Kg	0.0034	0.00089	1	07/20/2022 13:06	07/20/2022 18:09	T
1,2,3-Trichloropropane	0.0019 U	mg/Kg	0.0034	0.0019	1	07/20/2022 13:06	07/20/2022 18:09	T
1,2,4-Trichlorobenzene	0.00073 U	mg/Kg	0.0034	0.00073	1	07/20/2022 13:06	07/20/2022 18:09	T
1,2,4-Trimethylbenzene	0.00098 U	mg/Kg	0.0034	0.00098	1	07/20/2022 13:06	07/20/2022 18:09	T
1,2-Dibromo-3-Chloropropane	0.0014 U	mg/Kg	0.0034	0.0014	1	07/20/2022 13:06	07/20/2022 18:09	T
1,2-Dichlorobenzene	0.00053 U	mg/Kg	0.0034	0.00053	1	07/20/2022 13:06	07/20/2022 18:09	T
1,2-Dichloroethane	0.00087 U	mg/Kg	0.0034	0.00087	1	07/20/2022 13:06	07/20/2022 18:09	T
1,2-Dichloropropane	0.00060 U	mg/Kg	0.0034	0.00060	1	07/20/2022 13:06	07/20/2022 18:09	T
1,3,5-Trimethylbenzene	0.00075 U	mg/Kg	0.0034	0.00075	1	07/20/2022 13:06	07/20/2022 18:09	T
1,3-Dichlorobenzene	0.00062 U	mg/Kg	0.0034	0.00062	1	07/20/2022 13:06	07/20/2022 18:09	T
1,3-Dichloropropane	0.00048 U	mg/Kg	0.0034	0.00048	1	07/20/2022 13:06	07/20/2022 18:09	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125005
Sample ID: B31 0.5'

Date Collected: 07/14/2022 11:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,4-Dichlorobenzene	0.00074 U	mg/Kg	0.0034	0.00074	1	07/20/2022 13:06	07/20/2022 18:09	T
2,2-Dichloropropane	0.0013 U	mg/Kg	0.0034	0.0013	1	07/20/2022 13:06	07/20/2022 18:09	T
2-Butanone (MEK)	0.0011 U	mg/Kg	0.0034	0.0011	1	07/20/2022 13:06	07/20/2022 18:09	T
2-Chloroethyl Vinyl Ether	0.0029 U	mg/Kg	0.0034	0.0029	1	07/20/2022 13:06	07/20/2022 18:09	T
2-Chlorotoluene	0.00075 U	mg/Kg	0.0034	0.00075	1	07/20/2022 13:06	07/20/2022 18:09	T
2-Hexanone	0.0017 U	mg/Kg	0.0034	0.0017	1	07/20/2022 13:06	07/20/2022 18:09	T
4-Chlorotoluene	0.00083 U	mg/Kg	0.0034	0.00083	1	07/20/2022 13:06	07/20/2022 18:09	T
4-Methyl-2-pentanone (MIBK)	0.00076 U	mg/Kg	0.0034	0.00076	1	07/20/2022 13:06	07/20/2022 18:09	T
Acetone	0.0025 U	mg/Kg	0.0034	0.0025	1	07/20/2022 13:06	07/20/2022 18:09	T
Acrolein (Propenal)	0.0069 U	mg/Kg	0.017	0.0069	1	07/20/2022 13:06	07/20/2022 18:09	T
Acrylonitrile	0.00058 U	mg/Kg	0.0034	0.00058	1	07/20/2022 13:06	07/20/2022 18:09	T
Benzene	0.00056 U	mg/Kg	0.0034	0.00056	1	07/20/2022 13:06	07/20/2022 18:09	T
Bromobenzene	0.00062 U	mg/Kg	0.0034	0.00062	1	07/20/2022 13:06	07/20/2022 18:09	T
Bromochloromethane	0.00072 U	mg/Kg	0.0034	0.00072	1	07/20/2022 13:06	07/20/2022 18:09	T
Bromodichloromethane	0.00059 U	mg/Kg	0.0034	0.00059	1	07/20/2022 13:06	07/20/2022 18:09	T
Bromoform	0.0022 U	mg/Kg	0.0034	0.0022	1	07/20/2022 13:06	07/20/2022 18:09	T
Bromomethane	0.0014 U	mg/Kg	0.0034	0.0014	1	07/20/2022 13:06	07/20/2022 18:09	T
Carbon Disulfide	0.00096 U	mg/Kg	0.0034	0.00096	1	07/20/2022 13:06	07/20/2022 18:09	T
Carbon Tetrachloride	0.00094 U	mg/Kg	0.0034	0.00094	1	07/20/2022 13:06	07/20/2022 18:09	T
Chlorobenzene	0.00050 U	mg/Kg	0.0034	0.00050	1	07/20/2022 13:06	07/20/2022 18:09	T
Chloroethane	0.0017 U	mg/Kg	0.0034	0.0017	1	07/20/2022 13:06	07/20/2022 18:09	T
Chloroform	0.00068 U	mg/Kg	0.0034	0.00068	1	07/20/2022 13:06	07/20/2022 18:09	T
Chloromethane	0.00077 U	mg/Kg	0.0034	0.00077	1	07/20/2022 13:06	07/20/2022 18:09	T
Dibromochloromethane	0.0019 U	mg/Kg	0.0034	0.0019	1	07/20/2022 13:06	07/20/2022 18:09	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125005
Sample ID: B31 0.5'

Date Collected: 07/14/2022 11:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.00068 U	mg/Kg	0.0034	0.00068	1	07/20/2022 13:06	07/20/2022 18:09	T
Dichlorodifluoromethane	0.0011 U	mg/Kg	0.0034	0.0011	1	07/20/2022 13:06	07/20/2022 18:09	T
Ethylbenzene	0.00040 U	mg/Kg	0.0034	0.00040	1	07/20/2022 13:06	07/20/2022 18:09	T
Ethylene Dibromide (EDB)	0.00055 U	mg/Kg	0.0034	0.00055	1	07/20/2022 13:06	07/20/2022 18:09	T
Hexachlorobutadiene	0.0017 U	mg/Kg	0.0034	0.0017	1	07/20/2022 13:06	07/20/2022 18:09	T
Iodomethane (Methyl Iodide)	0.0023 U	mg/Kg	0.0034	0.0023	1	07/20/2022 13:06	07/20/2022 18:09	T
Isopropylbenzene	0.00070 U	mg/Kg	0.0034	0.00070	1	07/20/2022 13:06	07/20/2022 18:09	T
Methyl tert-butyl Ether (MTBE)	0.0011 U	mg/Kg	0.0034	0.0011	1	07/20/2022 13:06	07/20/2022 18:09	T
Methylene Chloride	0.0045 U	mg/Kg	0.0056	0.0045	1	07/20/2022 13:06	07/20/2022 18:09	T
Naphthalene	0.0016 U	mg/Kg	0.0034	0.0016	1	07/20/2022 13:06	07/20/2022 18:09	T
Styrene	0.00044 U	mg/Kg	0.0034	0.00044	1	07/20/2022 13:06	07/20/2022 18:09	T
Tetrachloroethylene (PCE)	0.00064 U	mg/Kg	0.0034	0.00064	1	07/20/2022 13:06	07/20/2022 18:09	T
Toluene	0.00041 U	mg/Kg	0.0034	0.00041	1	07/20/2022 13:06	07/20/2022 18:09	T
Trichloroethene	0.00082 U	mg/Kg	0.0034	0.00082	1	07/20/2022 13:06	07/20/2022 18:09	T
Trichlorofluoromethane	0.00074 U	mg/Kg	0.0034	0.00074	1	07/20/2022 13:06	07/20/2022 18:09	T
Vinyl Acetate	0.0016 U	mg/Kg	0.0034	0.0016	1	07/20/2022 13:06	07/20/2022 18:09	T
Vinyl Chloride	0.00064 U	mg/Kg	0.0034	0.00064	1	07/20/2022 13:06	07/20/2022 18:09	T
Xylene (Total)	0.0015 U	mg/Kg	0.0067	0.0015	1	07/20/2022 13:06	07/20/2022 18:09	T
cis-1,2-Dichloroethylene	0.00066 U	mg/Kg	0.0034	0.00066	1	07/20/2022 13:06	07/20/2022 18:09	T
cis-1,3-Dichloropropene	0.0024 U	mg/Kg	0.0034	0.0024	1	07/20/2022 13:06	07/20/2022 18:09	T
n-Butylbenzene	0.00091 U	mg/Kg	0.0034	0.00091	1	07/20/2022 13:06	07/20/2022 18:09	T
n-propylbenzene	0.00078 U	mg/Kg	0.0034	0.00078	1	07/20/2022 13:06	07/20/2022 18:09	T
sec-butylbenzene	0.00075 U	mg/Kg	0.0034	0.00075	1	07/20/2022 13:06	07/20/2022 18:09	T
tert-butylbenzene	0.0010 U	mg/Kg	0.0034	0.0010	1	07/20/2022 13:06	07/20/2022 18:09	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125005
Sample ID: B31 0.5'

Date Collected: 07/14/2022 11:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
trans-1,2-Dichloroethylene	0.00068 U	mg/Kg	0.0034	0.00068	1	07/20/2022 13:06	07/20/2022 18:09	T
trans-1,3-Dichloropropylene	0.0021 U	mg/Kg	0.0034	0.0021	1	07/20/2022 13:06	07/20/2022 18:09	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/Kg	53	57	107	69 - 134	T
Toluene-d8 (S)	ug/Kg	53	52	98	72 - 122	T
Bromofluorobenzene (S)	ug/Kg	53	52	97	79 - 126	T
2-Fluorobiphenyl (S)	ug/Kg	400	300	77	37 - 127	T
Nitrobenzene-d5 (S)	ug/Kg	400	290	72	33 - 134	T
p-Terphenyl-d14 (S)	ug/Kg	400	400	101	42 - 141	T
Nonatricontane-C39 (S)	mg/Kg	6	5.50	93	36 - 132	T
o-Terphenyl (S)	mg/Kg	2	2.30	114	66 - 136	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125006
Sample ID: North Pen 0.5'

Date Collected: 07/14/2022 13:40
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.54	mg/Kg	0.27	0.13	1	07/18/2022 15:00	07/19/2022 11:04	T
Barium	31	mg/Kg	0.27	0.13	1	07/18/2022 15:00	07/19/2022 11:04	T
Cadmium	8.3	mg/Kg	0.054	0.027	1	07/18/2022 15:00	07/19/2022 11:04	T
Chromium	9.0	mg/Kg	0.27	0.22	1	07/18/2022 15:00	07/19/2022 11:04	T
Lead	36	mg/Kg	0.27	0.13	1	07/18/2022 15:00	07/19/2022 11:04	T
Selenium	1.1 U	mg/Kg	2.7	1.1	1	07/18/2022 15:00	07/19/2022 11:04	T
Silver	0.22 U	mg/Kg	0.27	0.22	1	07/18/2022 15:00	07/19/2022 11:04	T
METALS (SW-846 7471A)								
Mercury	0.046	mg/Kg	0.0062	0.0030	2	07/25/2022 16:00	07/27/2022 16:20	T
(SM 2540G)								
Percent Moisture	3	%	0.001	0.0010	1	07/18/2022 16:00	07/18/2022 16:00	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125007
Sample ID: B6 1'

Date Collected: 07/14/2022 14:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.38	mg/Kg	0.27	0.14	1	07/18/2022 15:00	07/19/2022 11:06	T
Barium	20	mg/Kg	0.27	0.14	1	07/18/2022 15:00	07/19/2022 11:06	T
Cadmium	0.075	mg/Kg	0.054	0.027	1	07/18/2022 15:00	07/19/2022 11:06	T
Chromium	4.6	mg/Kg	0.27	0.22	1	07/18/2022 15:00	07/19/2022 11:06	T
Lead	2.1	mg/Kg	0.27	0.14	1	07/18/2022 15:00	07/19/2022 11:06	T
Selenium	1.1 U	mg/Kg	2.7	1.1	1	07/18/2022 15:00	07/19/2022 11:06	T
Silver	0.22 U	mg/Kg	0.27	0.22	1	07/18/2022 15:00	07/19/2022 11:06	T
METALS (SW-846 7471A)								
Mercury	0.013	mg/Kg	0.0066	0.0032	2	07/25/2022 16:00	07/27/2022 16:23	T
SEMIVOLATILES (FL-PRO)								
TPH	5.0 U	mg/Kg	14	5.0	1	07/15/2022 12:45	07/18/2022 20:41	T
SEMIVOLATILES (SW-846 3550B/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.0016 U	mg/Kg	0.0084	0.0016	1	07/15/2022 12:45	07/16/2022 01:57	T
2-Methylnaphthalene	0.0020 U	mg/Kg	0.0084	0.0020	1	07/15/2022 12:45	07/16/2022 01:57	T
Acenaphthene	0.0015 U	mg/Kg	0.0084	0.0015	1	07/15/2022 12:45	07/16/2022 01:57	T
Acenaphthylene	0.0018 U	mg/Kg	0.0084	0.0018	1	07/15/2022 12:45	07/16/2022 01:57	T
Anthracene	0.0025 U	mg/Kg	0.0084	0.0025	1	07/15/2022 12:45	07/16/2022 01:57	T
Benzo[a]anthracene	0.0020 U	mg/Kg	0.0084	0.0020	1	07/15/2022 12:45	07/16/2022 01:57	T
Benzo[a]pyrene	0.0017 U	mg/Kg	0.0084	0.0017	1	07/15/2022 12:45	07/16/2022 01:57	T
Benzo[b]fluoranthene	0.0016 U	mg/Kg	0.0084	0.0016	1	07/15/2022 12:45	07/16/2022 01:57	T
Benzo[g,h,i]perylene	0.0019 U	mg/Kg	0.0084	0.0019	1	07/15/2022 12:45	07/16/2022 01:57	T
Benzo[k]fluoranthene	0.0024 U	mg/Kg	0.0084	0.0024	1	07/15/2022 12:45	07/16/2022 01:57	T
Chrysene	0.0030 U	mg/Kg	0.0084	0.0030	1	07/15/2022 12:45	07/16/2022 01:57	T
Dibenzo[a,h]anthracene	0.0017 U	mg/Kg	0.0084	0.0017	1	07/15/2022 12:45	07/16/2022 01:57	T
Fluoranthene	0.0028 U	mg/Kg	0.0084	0.0028	1	07/15/2022 12:45	07/16/2022 01:57	T
Fluorene	0.0022 U	mg/Kg	0.0084	0.0022	1	07/15/2022 12:45	07/16/2022 01:57	T
Indeno(1,2,3-cd)pyrene	0.0024 U	mg/Kg	0.0084	0.0024	1	07/15/2022 12:45	07/16/2022 01:57	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125007
Sample ID: B6 1'

Date Collected: 07/14/2022 14:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Naphthalene	0.0017 U	mg/Kg	0.0084	0.0017	1	07/15/2022 12:45	07/16/2022 01:57	T
Phenanthrene	0.0022 U	mg/Kg	0.0084	0.0022	1	07/15/2022 12:45	07/16/2022 01:57	T
Pyrene	0.0024 U	mg/Kg	0.0084	0.0024	1	07/15/2022 12:45	07/16/2022 01:57	T
(SM 2540G)								
Percent Moisture	5	%	0.001	0.0010	1	07/18/2022 16:00	07/18/2022 16:00	T
VOLATILES (SW-846 5035/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.0011 U	mg/Kg	0.0034	0.0011	1	07/19/2022 15:50	07/19/2022 22:17	T
1,1,1-Trichloroethane	0.00078 U	mg/Kg	0.0034	0.00078	1	07/19/2022 15:50	07/19/2022 22:17	T
1,1,2,2-Tetrachloroethane	0.00057 U	mg/Kg	0.0034	0.00057	1	07/19/2022 15:50	07/19/2022 22:17	T
1,1,2-Trichloroethane	0.00055 U	mg/Kg	0.0034	0.00055	1	07/19/2022 15:50	07/19/2022 22:17	T
1,1-Dichloroethane	0.00079 U	mg/Kg	0.0034	0.00079	1	07/19/2022 15:50	07/19/2022 22:17	T
1,1-Dichloroethylene	0.00082 U	mg/Kg	0.0034	0.00082	1	07/19/2022 15:50	07/19/2022 22:17	T
1,1-Dichloropropene	0.00055 U	mg/Kg	0.0034	0.00055	1	07/19/2022 15:50	07/19/2022 22:17	T
1,2,3-Trichlorobenzene	0.00090 U	mg/Kg	0.0034	0.00090	1	07/19/2022 15:50	07/19/2022 22:17	T
1,2,3-Trichloropropane	0.0019 U	mg/Kg	0.0034	0.0019	1	07/19/2022 15:50	07/19/2022 22:17	T
1,2,4-Trichlorobenzene	0.00073 U	mg/Kg	0.0034	0.00073	1	07/19/2022 15:50	07/19/2022 22:17	T
1,2,4-Trimethylbenzene	0.00099 U	mg/Kg	0.0034	0.00099	1	07/19/2022 15:50	07/19/2022 22:17	T
1,2-Dibromo-3-Chloropropane	0.0014 U	mg/Kg	0.0034	0.0014	1	07/19/2022 15:50	07/19/2022 22:17	T
1,2-Dichlorobenzene	0.00053 U	mg/Kg	0.0034	0.00053	1	07/19/2022 15:50	07/19/2022 22:17	T
1,2-Dichloroethane	0.00088 U	mg/Kg	0.0034	0.00088	1	07/19/2022 15:50	07/19/2022 22:17	T
1,2-Dichloropropane	0.00060 U	mg/Kg	0.0034	0.00060	1	07/19/2022 15:50	07/19/2022 22:17	T
1,3,5-Trimethylbenzene	0.00075 U	mg/Kg	0.0034	0.00075	1	07/19/2022 15:50	07/19/2022 22:17	T
1,3-Dichlorobenzene	0.00062 U	mg/Kg	0.0034	0.00062	1	07/19/2022 15:50	07/19/2022 22:17	T
1,3-Dichloropropane	0.00048 U	mg/Kg	0.0034	0.00048	1	07/19/2022 15:50	07/19/2022 22:17	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125007
Sample ID: B6 1'

Date Collected: 07/14/2022 14:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,4-Dichlorobenzene	0.00074 U	mg/Kg	0.0034	0.00074	1	07/19/2022 15:50	07/19/2022 22:17	T
2,2-Dichloropropane	0.0013 U	mg/Kg	0.0034	0.0013	1	07/19/2022 15:50	07/19/2022 22:17	T
2-Butanone (MEK)	0.0011 U	mg/Kg	0.0034	0.0011	1	07/19/2022 15:50	07/19/2022 22:17	T
2-Chloroethyl Vinyl Ether	0.0029 U	mg/Kg	0.0034	0.0029	1	07/19/2022 15:50	07/19/2022 22:17	T
2-Chlorotoluene	0.00075 U	mg/Kg	0.0034	0.00075	1	07/19/2022 15:50	07/19/2022 22:17	T
2-Hexanone	0.0017 U	mg/Kg	0.0034	0.0017	1	07/19/2022 15:50	07/19/2022 22:17	T
4-Chlorotoluene	0.00084 U	mg/Kg	0.0034	0.00084	1	07/19/2022 15:50	07/19/2022 22:17	T
4-Methyl-2-pentanone (MIBK)	0.00076 U	mg/Kg	0.0034	0.00076	1	07/19/2022 15:50	07/19/2022 22:17	T
Acetone	0.013	mg/Kg	0.0034	0.0025	1	07/19/2022 15:50	07/19/2022 22:17	T
Acrolein (Propenal)	0.0070 U	mg/Kg	0.017	0.0070	1	07/19/2022 15:50	07/19/2022 22:17	T
Acrylonitrile	0.00059 U	mg/Kg	0.0034	0.00059	1	07/19/2022 15:50	07/19/2022 22:17	T
Benzene	0.00056 U	mg/Kg	0.0034	0.00056	1	07/19/2022 15:50	07/19/2022 22:17	T
Bromobenzene	0.00062 U	mg/Kg	0.0034	0.00062	1	07/19/2022 15:50	07/19/2022 22:17	T
Bromochloromethane	0.00072 U	mg/Kg	0.0034	0.00072	1	07/19/2022 15:50	07/19/2022 22:17	T
Bromodichloromethane	0.00059 U	mg/Kg	0.0034	0.00059	1	07/19/2022 15:50	07/19/2022 22:17	T
Bromoform	0.0023 U	mg/Kg	0.0034	0.0023	1	07/19/2022 15:50	07/19/2022 22:17	T
Bromomethane	0.0014 U	mg/Kg	0.0034	0.0014	1	07/19/2022 15:50	07/19/2022 22:17	T
Carbon Disulfide	0.00096 U	mg/Kg	0.0034	0.00096	1	07/19/2022 15:50	07/19/2022 22:17	T
Carbon Tetrachloride	0.00095 U	mg/Kg	0.0034	0.00095	1	07/19/2022 15:50	07/19/2022 22:17	T
Chlorobenzene	0.00050 U	mg/Kg	0.0034	0.00050	1	07/19/2022 15:50	07/19/2022 22:17	T
Chloroethane	0.0017 U	mg/Kg	0.0034	0.0017	1	07/19/2022 15:50	07/19/2022 22:17	T
Chloroform	0.00069 U	mg/Kg	0.0034	0.00069	1	07/19/2022 15:50	07/19/2022 22:17	T
Chloromethane	0.00077 U	mg/Kg	0.0034	0.00077	1	07/19/2022 15:50	07/19/2022 22:17	T
Dibromochloromethane	0.0019 U	mg/Kg	0.0034	0.0019	1	07/19/2022 15:50	07/19/2022 22:17	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125007
Sample ID: B6 1'

Date Collected: 07/14/2022 14:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.00068 U	mg/Kg	0.0034	0.00068	1	07/19/2022 15:50	07/19/2022 22:17	T
Dichlorodifluoromethane	0.0011 U	mg/Kg	0.0034	0.0011	1	07/19/2022 15:50	07/19/2022 22:17	T
Ethylbenzene	0.00040 U	mg/Kg	0.0034	0.00040	1	07/19/2022 15:50	07/19/2022 22:17	T
Ethylene Dibromide (EDB)	0.00056 U	mg/Kg	0.0034	0.00056	1	07/19/2022 15:50	07/19/2022 22:17	T
Hexachlorobutadiene	0.0017 U	mg/Kg	0.0034	0.0017	1	07/19/2022 15:50	07/19/2022 22:17	T
Iodomethane (Methyl Iodide)	0.0023 U	mg/Kg	0.0034	0.0023	1	07/19/2022 15:50	07/19/2022 22:17	T
Isopropylbenzene	0.00070 U	mg/Kg	0.0034	0.00070	1	07/19/2022 15:50	07/19/2022 22:17	T
Methyl tert-butyl Ether (MTBE)	0.0011 U	mg/Kg	0.0034	0.0011	1	07/19/2022 15:50	07/19/2022 22:17	T
Methylene Chloride	0.0045 U	mg/Kg	0.0056	0.0045	1	07/19/2022 15:50	07/19/2022 22:17	T
Naphthalene	0.0016 U	mg/Kg	0.0034	0.0016	1	07/19/2022 15:50	07/19/2022 22:17	T
Styrene	0.00045 U	mg/Kg	0.0034	0.00045	1	07/19/2022 15:50	07/19/2022 22:17	T
Tetrachloroethylene (PCE)	0.00064 U	mg/Kg	0.0034	0.00064	1	07/19/2022 15:50	07/19/2022 22:17	T
Toluene	0.00042 U	mg/Kg	0.0034	0.00042	1	07/19/2022 15:50	07/19/2022 22:17	T
Trichloroethene	0.00083 U	mg/Kg	0.0034	0.00083	1	07/19/2022 15:50	07/19/2022 22:17	T
Trichlorofluoromethane	0.00074 U	mg/Kg	0.0034	0.00074	1	07/19/2022 15:50	07/19/2022 22:17	T
Vinyl Acetate	0.0016 U	mg/Kg	0.0034	0.0016	1	07/19/2022 15:50	07/19/2022 22:17	T
Vinyl Chloride	0.00065 U	mg/Kg	0.0034	0.00065	1	07/19/2022 15:50	07/19/2022 22:17	T
Xylene (Total)	0.0015 U	mg/Kg	0.0067	0.0015	1	07/19/2022 15:50	07/19/2022 22:17	T
cis-1,2-Dichloroethylene	0.00066 U	mg/Kg	0.0034	0.00066	1	07/19/2022 15:50	07/19/2022 22:17	T
cis-1,3-Dichloropropene	0.0024 U	mg/Kg	0.0034	0.0024	1	07/19/2022 15:50	07/19/2022 22:17	T
n-Butylbenzene	0.00092 U	mg/Kg	0.0034	0.00092	1	07/19/2022 15:50	07/19/2022 22:17	T
n-propylbenzene	0.00078 U	mg/Kg	0.0034	0.00078	1	07/19/2022 15:50	07/19/2022 22:17	T
sec-butylbenzene	0.00075 U	mg/Kg	0.0034	0.00075	1	07/19/2022 15:50	07/19/2022 22:17	T
tert-butylbenzene	0.0010 U	mg/Kg	0.0034	0.0010	1	07/19/2022 15:50	07/19/2022 22:17	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

Analytical Results

Lab ID: T2214125007
Sample ID: B6 1'

Date Collected: 07/14/2022 14:00
Date Received: 07/14/2022 15:20

Matrix: Soil

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
trans-1,2-Dichloroethylene	0.00068 U	mg/Kg	0.0034	0.00068	1	07/19/2022 15:50	07/19/2022 22:17	T
trans-1,3-Dichloropropylene	0.0021 U	mg/Kg	0.0034	0.0021	1	07/19/2022 15:50	07/19/2022 22:17	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/Kg	53	56	104	69 - 134	T
Toluene-d8 (S)	ug/Kg	53	54	101	72 - 122	T
Bromofluorobenzene (S)	ug/Kg	53	53	99	79 - 126	T
2-Fluorobiphenyl (S)	ug/Kg	400	330	84	37 - 127	T
Nitrobenzene-d5 (S)	ug/Kg	400	300	76	33 - 134	T
p-Terphenyl-d14 (S)	ug/Kg	400	370	94	42 - 141	T
Nonatricontane-C39 (S)	mg/Kg	5.90	3.50	60	36 - 132	T
o-Terphenyl (S)	mg/Kg	2	1.70	84	66 - 136	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Results

QC Batch: CVA1/1695 Analysis Method: SW-846 7471A
Preparation Method: SW-846 7471A
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004, T2214125005, T2214125006, T2214125007

Method Blank(4404760)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.0024 U	mg/Kg	0.0050	0.0024	T

Lab Control Sample (4404761)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/Kg	0.05	.05	103	80 - 120	T

Matrix Spike (4404762); Matrix Spike Duplicate (4404763); Parent Lab Sample (T2213541001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/Kg	0.0290	.15	248	80 - 120	.11	100	33	20	T

QC Result Comments

Matrix Spike - 4404762 - Mercury

J4|Estimated Result

Matrix Spike Duplicate - 4404763 - Mercury

J4|Estimated Result

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Results

QC Batch: GCST/2433 Analysis Method: FL-PRO
Preparation Method: FL-PRO
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004, T2214125005, T2214125007

Method Blank(4392693)

Parameter	Results	Units	PQL	MDL	Lab
TPH	4.8 U	mg/Kg	14	4.8	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	6	5.60	94	36 - 132	
o-Terphenyl (S)	mg/L	2	2.50	124	66 - 136	

Lab Control Sample (4392694)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
TPH	mg/Kg	34	31	91	49 - 128	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	6	5	83	36 - 132	
o-Terphenyl (S)	mg/L	2	1.90	96	66 - 136	

Matrix Spike (4392695); Matrix Spike Duplicate (4392696); Parent Lab Sample (T2213990003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
TPH	mg/Kg	34	25	60	49 - 128	25	58	2	25	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nonatricontane-C39 (S)	mg/L	5.90	4.30	72	36 - 132	4	67	7	25	
o-Terphenyl (S)	mg/L	2	1.60	79	66 - 136	1.40	73	7	25	

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Results

QC Batch: ICP1/2896 Analysis Method: SW-846 6010
Preparation Method: SW-846 3050B
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004, T2214125005, T2214125006, T2214125007

Method Blank(4394806)

Parameter	Results	Units	PQL	MDL	Lab
Silver	0.20 U	mg/Kg	0.25	0.20	T
Arsenic	0.12 U	mg/Kg	0.25	0.12	T
Barium	0.12 U	mg/Kg	0.25	0.12	T
Cadmium	0.025 U	mg/Kg	0.050	0.025	T
Chromium	0.20 U	mg/Kg	0.25	0.20	T
Lead	0.12 U	mg/Kg	0.25	0.12	T
Selenium	1.0 U	mg/Kg	2.5	1.0	T

Lab Control Sample (4394807)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	mg/Kg	2.50	2.1	84	80 - 120	T
Arsenic	mg/Kg	25	23	91	80 - 120	T
Barium	mg/Kg	25	23	93	80 - 120	T
Cadmium	mg/Kg	2.50	2.3	90	80 - 120	T
Chromium	mg/Kg	25	23	92	80 - 120	T
Lead	mg/Kg	25	23	91	80 - 120	T
Selenium	mg/Kg	25	23	93	80 - 120	T

Matrix Spike (4394808); Matrix Spike Duplicate (4394809); Parent Lab Sample (T2214125001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/Kg	2.40	1.8	73	75 - 125	1.7	72	3	20	T
Arsenic	mg/Kg	24	24	92	75 - 125	24	92	2	20	T
Barium	mg/Kg	24	48	107	75 - 125	47	104	2	20	T
Cadmium	mg/Kg	2.40	2.6	89	75 - 125	2.6	89	2	20	T
Chromium	mg/Kg	24	28	96	75 - 125	27	95	2	20	T
Lead	mg/Kg	24	42	87	75 - 125	41	86	2	20	T
Selenium	mg/Kg	24	23	94	75 - 125	23	95	1	20	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Results

QC Batch: MSS1/1936 Analysis Method: SW-846 8270C (SIM)
Preparation Method: SW-846 3550B
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004, T2214125005, T2214125007

Method Blank(4392603)

Parameter	Results	Units	PQL	MDL	Lab
Naphthalene	0.0016 U	mg/Kg	0.0080	0.0016	T
2-Methylnaphthalene	0.0020 U	mg/Kg	0.0080	0.0020	T
1-Methylnaphthalene	0.0015 U	mg/Kg	0.0080	0.0015	T
Acenaphthylene	0.0017 U	mg/Kg	0.0080	0.0017	T
Acenaphthene	0.0015 U	mg/Kg	0.0080	0.0015	T
Fluorene	0.0021 U	mg/Kg	0.0080	0.0021	T
Phenanthrene	0.0021 U	mg/Kg	0.0080	0.0021	T
Anthracene	0.0024 U	mg/Kg	0.0080	0.0024	T
Fluoranthene	0.0027 U	mg/Kg	0.0080	0.0027	T
Pyrene	0.0023 U	mg/Kg	0.0080	0.0023	T
Benzo[a]anthracene	0.0019 U	mg/Kg	0.0080	0.0019	T
Chrysene	0.0028 U	mg/Kg	0.0080	0.0028	T
Benzo[b]fluoranthene	0.0015 U	mg/Kg	0.0080	0.0015	T
Benzo[k]fluoranthene	0.0023 U	mg/Kg	0.0080	0.0023	T
Benzo[a]pyrene	0.0016 U	mg/Kg	0.0080	0.0016	T
Indeno(1,2,3-cd)pyrene	0.0023 U	mg/Kg	0.0080	0.0023	T
Dibenzo[a,h]anthracene	0.0016 U	mg/Kg	0.0080	0.0016	T
Benzo[g,h,i]perylene	0.0019 U	mg/Kg	0.0080	0.0019	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	mg/L	0.40	0.35	89	37 - 127	
Nitrobenzene-d5 (S)	mg/L	0.40	0.35	86	33 - 134	
p-Terphenyl-d14 (S)	mg/L	0.40	0.40	101	42 - 141	

Lab Control Sample (4392604)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Naphthalene	mg/Kg	0.20	.15	73	38 - 120	T
2-Methylnaphthalene	mg/Kg	0.20	.15	77	39 - 120	T
1-Methylnaphthalene	mg/Kg	0.20	.15	77	43 - 120	T
Acenaphthylene	mg/Kg	0.20	.14	71	39 - 118	T
Acenaphthene	mg/Kg	0.20	.15	77	44 - 117	T
Fluorene	mg/Kg	0.20	.16	79	47 - 121	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSS1/1936 Analysis Method: SW-846 8270C (SIM)
Preparation Method: SW-846 3550B
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004, T2214125005, T2214125007

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Phenanthrene	mg/Kg	0.20	.17	84	49 - 122	T
Anthracene	mg/Kg	0.20	.17	84	50 - 123	T
Fluoranthene	mg/Kg	0.20	.18	90	51 - 126	T
Pyrene	mg/Kg	0.20	.18	92	51 - 127	T
Benzo[a]anthracene	mg/Kg	0.20	.17	83	52 - 126	T
Chrysene	mg/Kg	0.20	.2	99	52 - 128	T
Benzo[b]fluoranthene	mg/Kg	0.20	.18	88	43 - 132	T
Benzo[k]fluoranthene	mg/Kg	0.20	.19	95	46 - 133	T
Benzo[a]pyrene	mg/Kg	0.20	.15	74	42 - 129	T
Indeno(1,2,3-cd)pyrene	mg/Kg	0.20	.17	85	39 - 135	T
Dibenzo[a,h]anthracene	mg/Kg	0.20	.17	84	40 - 139	T
Benzo[g,h,i]perylene	mg/Kg	0.20	.18	91	41 - 133	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	mg/L	0.40	0.31	78	37 - 127	
Nitrobenzene-d5 (S)	mg/L	0.40	0.30	74	33 - 134	
p-Terphenyl-d14 (S)	mg/L	0.40	0.38	96	42 - 141	

Matrix Spike (4392605); Matrix Spike Duplicate (4392606); Parent Lab Sample (T2213990003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Naphthalene	mg/Kg	0.20	.13	67	38 - 120	.14	72	8	30	T
2-Methylnaphthalene	mg/Kg	0.20	.14	72	39 - 120	.16	79	9	30	T
1-Methylnaphthalene	mg/Kg	0.20	.14	73	43 - 120	.16	79	8	30	T
Acenaphthylene	mg/Kg	0.20	.14	71	39 - 118	.14	73	3	30	T
Acenaphthene	mg/Kg	0.20	.15	76	44 - 117	.16	79	3	30	T
Fluorene	mg/Kg	0.20	.15	78	47 - 121	.16	79	2	30	T
Phenanthrene	mg/Kg	0.20	.16	81	49 - 122	.16	80	0	30	T
Anthracene	mg/Kg	0.20	.16	82	50 - 123	.16	79	4	30	T
Fluoranthene	mg/Kg	0.20	.17	88	51 - 126	.17	87	1	30	T
Pyrene	mg/Kg	0.20	.17	89	51 - 127	.18	89	1	30	T
Benzo[a]anthracene	mg/Kg	0.20	.17	85	52 - 126	.16	82	3	30	T
Chrysene	mg/Kg	0.20	.18	93	52 - 128	.18	91	2	30	T
Benzo[b]fluoranthene	mg/Kg	0.20	.18	93	43 - 132	.18	90	3	30	T
Benzo[k]fluoranthene	mg/Kg	0.20	.18	94	46 - 133	.19	95	2	30	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSS1/1936 Analysis Method: SW-846 8270C (SIM)
Preparation Method: SW-846 3550B
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004, T2214125005, T2214125007

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Benzo[a]pyrene	mg/Kg	0.20	.15	75	42 - 129	.15	74	1	30	T
Indeno(1,2,3-cd)pyrene	mg/Kg	0.20	.16	83	39 - 135	.16	83	1	30	T
Dibenzo[a,h]anthracene	mg/Kg	0.20	.16	83	40 - 139	.16	82	1	30	T
Benzo[g,h,i]perylene	mg/Kg	0.20	.17	87	41 - 133	.17	85	3	30	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2-Fluorobiphenyl (S)	mg/L	0.39	0.29	74	37 - 127	0.31	78	4	30	
Nitrobenzene-d5 (S)	mg/L	0.39	0.26	67	33 - 134	0.29	73	9	30	
p-Terphenyl-d14 (S)	mg/L	0.39	0.36	92	42 - 141	0.35	89	3	30	

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Results

QC Batch: MSVt/4512 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004

Method Blank(4393895)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.0010 U	mg/Kg	0.0030	0.0010	T
Chloromethane	0.00069 U	mg/Kg	0.0030	0.00069	T
Vinyl Chloride	0.00058 U	mg/Kg	0.0030	0.00058	T
Bromomethane	0.0012 U	mg/Kg	0.0030	0.0012	T
Chloroethane	0.0015 U	mg/Kg	0.0030	0.0015	T
Trichlorofluoromethane	0.00066 U	mg/Kg	0.0030	0.00066	T
Acrolein (Propenal)	0.0062 U	mg/Kg	0.015	0.0062	T
Acetone	0.0022 U	mg/Kg	0.0030	0.0022	T
1,1-Dichloroethylene	0.00073 U	mg/Kg	0.0030	0.00073	T
Iodomethane (Methyl Iodide)	0.0021 U	mg/Kg	0.0030	0.0021	T
Acrylonitrile	0.00052 U	mg/Kg	0.0030	0.00052	T
Methylene Chloride	0.0040 U	mg/Kg	0.0050	0.0040	T
Carbon Disulfide	0.00086 U	mg/Kg	0.0030	0.00086	T
trans-1,2-Dichloroethylene	0.00061 U	mg/Kg	0.0030	0.00061	T
Methyl tert-butyl Ether (MTBE)	0.00098 U	mg/Kg	0.0030	0.00098	T
1,1-Dichloroethane	0.00070 U	mg/Kg	0.0030	0.00070	T
Vinyl Acetate	0.0015 U	mg/Kg	0.0030	0.0015	T
2-Butanone (MEK)	0.0010 U	mg/Kg	0.0030	0.0010	T
cis-1,2-Dichloroethylene	0.00059 U	mg/Kg	0.0030	0.00059	T
Bromochloromethane	0.00064 U	mg/Kg	0.0030	0.00064	T
Chloroform	0.00061 U	mg/Kg	0.0030	0.00061	T
2,2-Dichloropropane	0.0012 U	mg/Kg	0.0030	0.0012	T
1,2-Dichloroethane	0.00078 U	mg/Kg	0.0030	0.00078	T
1,1,1-Trichloroethane	0.00070 U	mg/Kg	0.0030	0.00070	T
1,1-Dichloropropene	0.00049 U	mg/Kg	0.0030	0.00049	T
Carbon Tetrachloride	0.00084 U	mg/Kg	0.0030	0.00084	T
Benzene	0.00050 U	mg/Kg	0.0030	0.00050	T
Dibromomethane	0.00060 U	mg/Kg	0.0030	0.00060	T
1,2-Dichloropropane	0.00054 U	mg/Kg	0.0030	0.00054	T
Trichloroethene	0.00074 U	mg/Kg	0.0030	0.00074	T
Bromodichloromethane	0.00053 U	mg/Kg	0.0030	0.00053	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4512 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004

Parameter	Results	Units	PQL	MDL	Lab
2-Chloroethyl Vinyl Ether	0.0026 U	mg/Kg	0.0030	0.0026	T
cis-1,3-Dichloropropene	0.0021 U	mg/Kg	0.0030	0.0021	T
4-Methyl-2-pentanone (MIBK)	0.00068 U	mg/Kg	0.0030	0.00068	T
trans-1,3-Dichloropropylene	0.0018 U	mg/Kg	0.0030	0.0018	T
1,1,2-Trichloroethane	0.00049 U	mg/Kg	0.0030	0.00049	T
Toluene	0.00037 U	mg/Kg	0.0030	0.00037	T
1,3-Dichloropropane	0.00043 U	mg/Kg	0.0030	0.00043	T
2-Hexanone	0.0015 U	mg/Kg	0.0030	0.0015	T
Dibromochloromethane	0.0017 U	mg/Kg	0.0030	0.0017	T
Ethylene Dibromide (EDB)	0.00050 U	mg/Kg	0.0030	0.00050	T
Tetrachloroethylene (PCE)	0.00057 U	mg/Kg	0.0030	0.00057	T
1,1,1,2-Tetrachloroethane	0.00096 U	mg/Kg	0.0030	0.00096	T
Chlorobenzene	0.00044 U	mg/Kg	0.0030	0.00044	T
Ethylbenzene	0.00036 U	mg/Kg	0.0030	0.00036	T
Bromoform	0.0020 U	mg/Kg	0.0030	0.0020	T
Styrene	0.00040 U	mg/Kg	0.0030	0.00040	T
1,1,2,2-Tetrachloroethane	0.00051 U	mg/Kg	0.0030	0.00051	T
1,2,3-Trichloropropane	0.0017 U	mg/Kg	0.0030	0.0017	T
Isopropylbenzene	0.00063 U	mg/Kg	0.0030	0.00063	T
Bromobenzene	0.00056 U	mg/Kg	0.0030	0.00056	T
n-propylbenzene	0.00070 U	mg/Kg	0.0030	0.00070	T
2-Chlorotoluene	0.00067 U	mg/Kg	0.0030	0.00067	T
4-Chlorotoluene	0.00074 U	mg/Kg	0.0030	0.00074	T
1,3,5-Trimethylbenzene	0.00067 U	mg/Kg	0.0030	0.00067	T
tert-butylbenzene	0.00091 U	mg/Kg	0.0030	0.00091	T
1,2,4-Trimethylbenzene	0.00088 U	mg/Kg	0.0030	0.00088	T
sec-butylbenzene	0.00067 U	mg/Kg	0.0030	0.00067	T
1,3-Dichlorobenzene	0.00055 U	mg/Kg	0.0030	0.00055	T
1,4-Dichlorobenzene	0.00066 U	mg/Kg	0.0030	0.00066	T
1,2-Dichlorobenzene	0.00048 U	mg/Kg	0.0030	0.00048	T
n-Butylbenzene	0.00082 U	mg/Kg	0.0030	0.00082	T
1,2-Dibromo-3-Chloropropane	0.0013 U	mg/Kg	0.0030	0.0013	T
1,2,4-Trichlorobenzene	0.00065 U	mg/Kg	0.0030	0.00065	T
Naphthalene	0.0014 U	mg/Kg	0.0030	0.0014	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4512
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004

Analysis Method: SW-846 8260B

Parameter	Results	Units	PQL	MDL	Lab
Hexachlorobutadiene	0.0015 U	mg/Kg	0.0030	0.0015	T
1,2,3-Trichlorobenzene	0.00080 U	mg/Kg	0.0030	0.00080	T
Xylene (Total)	0.0013 U	mg/Kg	0.0060	0.0013	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	46	93	69 - 134	
Bromofluorobenzene (S)	ug/L	50	51	102	79 - 126	
Toluene-d8 (S)	ug/L	50	48	95	72 - 122	

Lab Control Sample (4393896); Lab Control Sample Duplicate (4393897)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Dichlorodifluoromethane	mg/Kg	0.02	.02	76		.02	84	10		T
Chloromethane	mg/Kg	0.02	.02	87		.02	95	9		T
Vinyl Chloride	mg/Kg	0.02	.02	89	70 - 130	.02	94	5	20	T
Bromomethane	mg/Kg	0.02	.02	77		.02	90	16		T
Chloroethane	mg/Kg	0.02	.02	89		.02	95	7		T
Trichlorofluoromethane	mg/Kg	0.02	.02	82		.02	86	6		T
Acetone	mg/Kg	0.02	.02	80		.02	97	20		T
1,1-Dichloroethylene	mg/Kg	0.02	.02	77	70 - 130	.02	88	13	20	T
Methylene Chloride	mg/Kg	0.02	.01	70		.02	87	21		T
Carbon Disulfide	mg/Kg	0.02	.02	92		.02	107	15		T
trans-1,2-Dichloroethylene	mg/Kg	0.02	.02	76		.02	87	14		T
Methyl tert-butyl Ether (MT	mg/Kg	0.02	.02	83	70 - 130	.02	97	15	20	T
1,1-Dichloroethane	mg/Kg	0.02	.02	75		.02	86	13		T
2-Butanone (MEK)	mg/Kg	0.02	.02	73		.02	86	15		T
cis-1,2-Dichloroethylene	mg/Kg	0.02	.02	75	70 - 130	.02	86	13	20	T
Chloroform	mg/Kg	0.02	.01	71	70 - 130	.02	83	15	20	T
1,2-Dichloroethane	mg/Kg	0.02	.01	71		.02	83	15		T
1,1,1-Trichloroethane	mg/Kg	0.02	.01	71		.02	81	13		T
Carbon Tetrachloride	mg/Kg	0.02	.01	71		.02	82	15		T
Benzene	mg/Kg	0.02	.02	87	70 - 130	.02	100	14	20	T
1,2-Dichloropropane	mg/Kg	0.02	.02	74		.02	84	13		T
Trichloroethene	mg/Kg	0.02	.02	96	70 - 130	.02	106	10	20	T
Bromodichloromethane	mg/Kg	0.02	.02	84		.02	98	15		T

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Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4512 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
cis-1,3-Dichloropropene	mg/Kg	0.02	.02	89		.02	102	14		T
4-Methyl-2-pentanone (MIB)	mg/Kg	0.02	.01	72		.02	85	15		T
trans-1,3-Dichloropropylene	mg/Kg	0.02	.02	83		.02	98	17		T
1,1,2-Trichloroethane	mg/Kg	0.02	.02	87		.02	99	13		T
Toluene	mg/Kg	0.02	.02	86	70 - 130	.02	86	0	20	T
2-Hexanone	mg/Kg	0.02	.02	87		.02	90	3		T
Dibromochloromethane	mg/Kg	0.02	.02	84		.02	87	3		T
Ethylene Dibromide (EDB)	mg/Kg	0.02	.02	85		.02	88	3		T
Tetrachloroethylene (PCE)	mg/Kg	0.02	.02	84	70 - 130	.02	87	4	20	T
Chlorobenzene	mg/Kg	0.02	.02	84	70 - 130	.02	86	3	20	T
Ethylbenzene	mg/Kg	0.02	.02	90	70 - 130	.02	86	4	20	T
Bromoform	mg/Kg	0.02	.02	81		.02	84	3		T
Styrene	mg/Kg	0.02	.02	85		.02	87	2		T
1,1,2,2-Tetrachloroethane	mg/Kg	0.02	.02	93		.02	103	10		T
Isopropylbenzene	mg/Kg	0.02	.02	78		.02	90	14		T
1,3-Dichlorobenzene	mg/Kg	0.02	.02	77	70 - 130	.02	89	15	20	T
1,4-Dichlorobenzene	mg/Kg	0.02	.02	76		.02	90	16		T
1,2-Dichlorobenzene	mg/Kg	0.02	.02	77	70 - 130	.02	90	16	20	T
1,2-Dibromo-3-Chloropropa	mg/Kg	0.02	.02	73		.02	89	19		T
1,2,4-Trichlorobenzene	mg/Kg	0.02	.02	73		.02	88	18		T
Xylene (Total)	mg/Kg	0.06	.05	86	70 - 130	.05	87	1	20	T
1,1-Dichloropropene	mg/Kg	0.02	.02	86		.02	100	15		T
1,1,1,2-Tetrachloroethane	mg/Kg	0.02	.02	86		.02	86	1		T
1,2,3-Trichlorobenzene	mg/Kg	0.02	.02	73		.02	89	20		T
1,2,3-Trichloropropane	mg/Kg	0.02	.02	98		.02	102	4		T
1,2,4-Trimethylbenzene	mg/Kg	0.02	.02	75	70 - 130	.02	89	17	20	T
1,3,5-Trimethylbenzene	mg/Kg	0.02	.02	77		.02	91	17		T
1,3-Dichloropropane	mg/Kg	0.02	.02	106		.02	108	2		T
2,2-Dichloropropane	mg/Kg	0.02	.02	73		.02	84	14		T
2-Chloroethyl Vinyl Ether	mg/Kg	0.02	.01	55		.02	75	31		T
2-Chlorotoluene	mg/Kg	0.02	.02	76		.02	90	17		T
4-Chlorotoluene	mg/Kg	0.02	.02	76		.02	89	16		T
Acrolein (Propenal)	mg/Kg	0.10	.07	73		.09	86	17		T





FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4512 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125001, T2214125002, T2214125003, T2214125004

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Bromobenzene	mg/Kg	0.02	.02	76		.02	88	14		T
Dibromomethane	mg/Kg	0.02	.01	72		.02	83	14		T
Hexachlorobutadiene	mg/Kg	0.02	.01	71		.02	89	22		T
Naphthalene	mg/Kg	0.02	.01	70		.02	85	19		T
n-Butylbenzene	mg/Kg	0.02	.02	75		.02	89	17		T
n-propylbenzene	mg/Kg	0.02	.02	77		.02	90	16		T
sec-butylbenzene	mg/Kg	0.02	.02	77		.02	90	15		T
Vinyl Acetate	mg/Kg	0.02	.01	44		.01	69	44		T
Acrylonitrile	mg/Kg	0.02	.02	74		.02	87	16		T
Iodomethane (Methyl Iodide)	mg/Kg	0.02	.02	91		.02	102	11		T
tert-butylbenzene	mg/Kg	0.02	.02	78		.02	90	15		T
Bromochloromethane	mg/Kg	0.02	.02	75		.02	87	14		T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	45	91	69 - 134	45	90	1		
Bromofluorobenzene (S)	ug/L	50	51	101	79 - 126	50	100	2		
Toluene-d8 (S)	ug/L	50	55	110	72 - 122	48	96	14		

Matrix Spike (4393898); Parent Lab Sample (T2214040001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Methyl tert-butyl Ether (MTBE)	mg/Kg	0.02	.02	97	70 - 130	T
Benzene	mg/Kg	0.02	.02	102	70 - 130	T
Toluene	mg/Kg	0.02	.02	87	70 - 130	T
Ethylbenzene	mg/Kg	0.02	.02	86	70 - 130	T
Xylene (Total)	mg/Kg	0.06	.05	86	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	45	90	69 - 134	
Bromofluorobenzene (S)	ug/L	50	50	101	79 - 126	
Toluene-d8 (S)	ug/L	50	48	95	72 - 122	

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Workorder: 2932 Washington Road (T2214125)

QC Results

QC Batch: MSVt/4528
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125007

Analysis Method: SW-846 8260B

Method Blank(4397922)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.0010 U	mg/Kg	0.0030	0.0010	T
Chloromethane	0.00069 U	mg/Kg	0.0030	0.00069	T
Vinyl Chloride	0.00058 U	mg/Kg	0.0030	0.00058	T
Bromomethane	0.0012 U	mg/Kg	0.0030	0.0012	T
Chloroethane	0.0015 U	mg/Kg	0.0030	0.0015	T
Trichlorofluoromethane	0.00066 U	mg/Kg	0.0030	0.00066	T
Acrolein (Propenal)	0.0062 U	mg/Kg	0.015	0.0062	T
Acetone	0.0022 U	mg/Kg	0.0030	0.0022	T
1,1-Dichloroethylene	0.00073 U	mg/Kg	0.0030	0.00073	T
Iodomethane (Methyl Iodide)	0.0021 U	mg/Kg	0.0030	0.0021	T
Acrylonitrile	0.00052 U	mg/Kg	0.0030	0.00052	T
Methylene Chloride	0.0040 U	mg/Kg	0.0050	0.0040	T
Carbon Disulfide	0.00086 U	mg/Kg	0.0030	0.00086	T
trans-1,2-Dichloroethylene	0.00061 U	mg/Kg	0.0030	0.00061	T
Methyl tert-butyl Ether (MTBE)	0.00098 U	mg/Kg	0.0030	0.00098	T
1,1-Dichloroethane	0.00070 U	mg/Kg	0.0030	0.00070	T
Vinyl Acetate	0.0015 U	mg/Kg	0.0030	0.0015	T
2-Butanone (MEK)	0.0010 U	mg/Kg	0.0030	0.0010	T
cis-1,2-Dichloroethylene	0.00059 U	mg/Kg	0.0030	0.00059	T
Bromochloromethane	0.00064 U	mg/Kg	0.0030	0.00064	T
Chloroform	0.00061 U	mg/Kg	0.0030	0.00061	T
2,2-Dichloropropane	0.0012 U	mg/Kg	0.0030	0.0012	T
1,2-Dichloroethane	0.00078 U	mg/Kg	0.0030	0.00078	T
1,1,1-Trichloroethane	0.00070 U	mg/Kg	0.0030	0.00070	T
1,1-Dichloropropene	0.00049 U	mg/Kg	0.0030	0.00049	T
Carbon Tetrachloride	0.00084 U	mg/Kg	0.0030	0.00084	T
Benzene	0.00050 U	mg/Kg	0.0030	0.00050	T
Dibromomethane	0.00060 U	mg/Kg	0.0030	0.00060	T
1,2-Dichloropropane	0.00054 U	mg/Kg	0.0030	0.00054	T
Trichloroethene	0.00074 U	mg/Kg	0.0030	0.00074	T
Bromodichloromethane	0.00053 U	mg/Kg	0.0030	0.00053	T

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Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4528
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125007

Analysis Method: SW-846 8260B

Parameter	Results	Units	PQL	MDL	Lab
2-Chloroethyl Vinyl Ether	0.0026 U	mg/Kg	0.0030	0.0026	T
cis-1,3-Dichloropropene	0.0021 U	mg/Kg	0.0030	0.0021	T
4-Methyl-2-pentanone (MIBK)	0.00068 U	mg/Kg	0.0030	0.00068	T
trans-1,3-Dichloropropylene	0.0018 U	mg/Kg	0.0030	0.0018	T
1,1,2-Trichloroethane	0.00049 U	mg/Kg	0.0030	0.00049	T
Toluene	0.00037 U	mg/Kg	0.0030	0.00037	T
1,3-Dichloropropane	0.00043 U	mg/Kg	0.0030	0.00043	T
2-Hexanone	0.0015 U	mg/Kg	0.0030	0.0015	T
Dibromochloromethane	0.0017 U	mg/Kg	0.0030	0.0017	T
Ethylene Dibromide (EDB)	0.00050 U	mg/Kg	0.0030	0.00050	T
Tetrachloroethylene (PCE)	0.00057 U	mg/Kg	0.0030	0.00057	T
1,1,1,2-Tetrachloroethane	0.00096 U	mg/Kg	0.0030	0.00096	T
Chlorobenzene	0.00044 U	mg/Kg	0.0030	0.00044	T
Ethylbenzene	0.00036 U	mg/Kg	0.0030	0.00036	T
Bromoform	0.0020 U	mg/Kg	0.0030	0.0020	T
Styrene	0.00040 U	mg/Kg	0.0030	0.00040	T
1,1,2,2-Tetrachloroethane	0.00051 U	mg/Kg	0.0030	0.00051	T
1,2,3-Trichloropropane	0.0017 U	mg/Kg	0.0030	0.0017	T
Isopropylbenzene	0.00063 U	mg/Kg	0.0030	0.00063	T
Bromobenzene	0.00056 U	mg/Kg	0.0030	0.00056	T
n-propylbenzene	0.00070 U	mg/Kg	0.0030	0.00070	T
2-Chlorotoluene	0.00067 U	mg/Kg	0.0030	0.00067	T
4-Chlorotoluene	0.00074 U	mg/Kg	0.0030	0.00074	T
1,3,5-Trimethylbenzene	0.00067 U	mg/Kg	0.0030	0.00067	T
tert-butylbenzene	0.00091 U	mg/Kg	0.0030	0.00091	T
1,2,4-Trimethylbenzene	0.00088 U	mg/Kg	0.0030	0.00088	T
sec-butylbenzene	0.00067 U	mg/Kg	0.0030	0.00067	T
1,3-Dichlorobenzene	0.00055 U	mg/Kg	0.0030	0.00055	T
1,4-Dichlorobenzene	0.00066 U	mg/Kg	0.0030	0.00066	T
1,2-Dichlorobenzene	0.00048 U	mg/Kg	0.0030	0.00048	T
n-Butylbenzene	0.00082 U	mg/Kg	0.0030	0.00082	T
1,2-Dibromo-3-Chloropropane	0.0013 U	mg/Kg	0.0030	0.0013	T
1,2,4-Trichlorobenzene	0.00065 U	mg/Kg	0.0030	0.00065	T
Naphthalene	0.0014 U	mg/Kg	0.0030	0.0014	T

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Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4528
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125007

Analysis Method: SW-846 8260B

Parameter	Results	Units	PQL	MDL	Lab
Hexachlorobutadiene	0.0015 U	mg/Kg	0.0030	0.0015	T
1,2,3-Trichlorobenzene	0.00080 U	mg/Kg	0.0030	0.00080	T
Xylene (Total)	0.0013 U	mg/Kg	0.0060	0.0013	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	99	69 - 134	
Bromofluorobenzene (S)	ug/L	50	49	97	79 - 126	
Toluene-d8 (S)	ug/L	50	50	100	72 - 122	

Lab Control Sample (4397923); Lab Control Sample Duplicate (4397924)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Dichlorodifluoromethane	mg/Kg	0.02	.02	105		.02	93	12		T
Chloromethane	mg/Kg	0.02	.03	123		.02	105	17		T
Vinyl Chloride	mg/Kg	0.02	.02	111	70 - 130	.02	96	14	20	T
Bromomethane	mg/Kg	0.02	.02	106		.02	88	18		T
Chloroethane	mg/Kg	0.02	.02	111		.02	100	11		T
Trichlorofluoromethane	mg/Kg	0.02	.02	114		.02	96	17		T
Acetone	mg/Kg	0.02	.02	112		.02	97	15		T
1,1-Dichloroethylene	mg/Kg	0.02	.02	114	70 - 130	.02	98	14	20	T
Methylene Chloride	mg/Kg	0.02	.02	115		.02	94	20		T
Carbon Disulfide	mg/Kg	0.02	.02	114		.02	99	14		T
trans-1,2-Dichloroethylene	mg/Kg	0.02	.02	113		.02	98	14		T
Methyl tert-butyl Ether (MT)	mg/Kg	0.02	.02	110	70 - 130	.02	92	17	20	T
1,1-Dichloroethane	mg/Kg	0.02	.02	113		.02	97	15		T
2-Butanone (MEK)	mg/Kg	0.02	.02	109		.02	94	14		T
cis-1,2-Dichloroethylene	mg/Kg	0.02	.02	112	70 - 130	.02	96	15	20	T
Chloroform	mg/Kg	0.02	.02	114	70 - 130	.02	98	15	20	T
1,2-Dichloroethane	mg/Kg	0.02	.02	108		.02	92	15		T
1,1,1-Trichloroethane	mg/Kg	0.02	.02	114		.02	99	14		T
Carbon Tetrachloride	mg/Kg	0.02	.02	114		.02	97	16		T
Benzene	mg/Kg	0.02	.02	113	70 - 130	.02	98	15	20	T
1,2-Dichloropropane	mg/Kg	0.02	.02	113		.02	97	15		T
Trichloroethene	mg/Kg	0.02	.02	114	70 - 130	.02	100	14	20	T
Bromodichloromethane	mg/Kg	0.02	.02	112		.02	96	15		T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4528
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125007

Analysis Method: SW-846 8260B

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
cis-1,3-Dichloropropene	mg/Kg	0.02	.02	110		.02	94	16		T
4-Methyl-2-pentanone (MIB)	mg/Kg	0.02	.02	108		.02	91	17		T
trans-1,3-Dichloropropylene	mg/Kg	0.02	.02	109		.02	93	16		T
1,1,2-Trichloroethane	mg/Kg	0.02	.02	109		.02	91	18		T
Toluene	mg/Kg	0.02	.02	115	70 - 130	.02	99	16	20	T
2-Hexanone	mg/Kg	0.02	.02	110		.02	94	17		T
Dibromochloromethane	mg/Kg	0.02	.02	112		.02	95	17		T
Ethylene Dibromide (EDB)	mg/Kg	0.02	.02	110		.02	91	18		T
Tetrachloroethylene (PCE)	mg/Kg	0.02	.02	116	70 - 130	.02	98	17	20	T
Chlorobenzene	mg/Kg	0.02	.02	114	70 - 130	.02	96	17	20	T
Ethylbenzene	mg/Kg	0.02	.02	117	70 - 130	.02	100	15	20	T
Bromoform	mg/Kg	0.02	.02	110		.02	92	18		T
Styrene	mg/Kg	0.02	.02	115		.02	97	18		T
1,1,2,2-Tetrachloroethane	mg/Kg	0.02	.02	108		.02	90	18		T
Isopropylbenzene	mg/Kg	0.02	.02	109		.02	94	15		T
1,3-Dichlorobenzene	mg/Kg	0.02	.02	106	70 - 130	.02	91	16	20	T
1,4-Dichlorobenzene	mg/Kg	0.02	.02	104		.02	89	16		T
1,2-Dichlorobenzene	mg/Kg	0.02	.02	104	70 - 130	.02	88	17	20	T
1,2-Dibromo-3-Chloropropa	mg/Kg	0.02	.02	103		.02	90	13		T
1,2,4-Trichlorobenzene	mg/Kg	0.02	.02	103		.02	85	19		T
Xylene (Total)	mg/Kg	0.06	.07	117	70 - 130	.06	99	16	20	T
1,1-Dichloropropene	mg/Kg	0.02	.02	117		.02	101	15		T
1,1,1,2-Tetrachloroethane	mg/Kg	0.02	.02	115		.02	98	16		T
1,2,3-Trichlorobenzene	mg/Kg	0.02	.02	104		.02	85	20		T
1,2,3-Trichloropropane	mg/Kg	0.02	.02	109		.02	91	18		T
1,2,4-Trimethylbenzene	mg/Kg	0.02	.02	107	70 - 130	.02	91	16	20	T
1,3,5-Trimethylbenzene	mg/Kg	0.02	.02	107		.02	92	15		T
1,3-Dichloropropane	mg/Kg	0.02	.02	111		.02	94	16		T
2,2-Dichloropropane	mg/Kg	0.02	.02	112		.02	96	15		T
2-Chloroethyl Vinyl Ether	mg/Kg	0.02	.02	89		.02	73	19		T
2-Chlorotoluene	mg/Kg	0.02	.02	108		.02	92	16		T
4-Chlorotoluene	mg/Kg	0.02	.02	108		.02	92	16		T
Acrolein (Propenal)	mg/Kg	0.10	.11	112		.1	97	14		T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4528
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125007

Analysis Method: SW-846 8260B

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Bromobenzene	mg/Kg	0.02	.02	105		.02	88	17		T
Dibromomethane	mg/Kg	0.02	.02	110		.02	93	17		T
Hexachlorobutadiene	mg/Kg	0.02	.02	107		.02	91	16		T
Naphthalene	mg/Kg	0.02	.02	102		.02	85	18		T
n-Butylbenzene	mg/Kg	0.02	.02	107		.02	91	16		T
n-propylbenzene	mg/Kg	0.02	.02	109		.02	93	16		T
sec-butylbenzene	mg/Kg	0.02	.02	108		.02	93	16		T
Vinyl Acetate	mg/Kg	0.02	.02	104		.02	89	16		T
Acrylonitrile	mg/Kg	0.02	.02	113		.02	97	16		T
Iodomethane (Methyl Iodide)	mg/Kg	0.02	.02	90		.02	86	4		T
tert-butylbenzene	mg/Kg	0.02	.02	109		.02	93	16		T
Bromochloromethane	mg/Kg	0.02	.02	110		.02	93	16		T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	48	96	69 - 134	48	96	0		
Bromofluorobenzene (S)	ug/L	50	47	93	79 - 126	47	94	1		
Toluene-d8 (S)	ug/L	50	51	101	72 - 122	51	101	0		

Matrix Spike (4397925); Parent Lab Sample (T2214345001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Methyl tert-butyl Ether (MTBE)	mg/Kg	0.0250	.03	114	70 - 130	T
Benzene	mg/Kg	0.0250	.03	118	70 - 130	T
Toluene	mg/Kg	0.0250	.03	119	70 - 130	T
Ethylbenzene	mg/Kg	0.0250	.03	120	70 - 130	T
Xylene (Total)	mg/Kg	0.0760	.09	119	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	63	61	97	69 - 134	
Bromofluorobenzene (S)	ug/L	63	59	93	79 - 126	
Toluene-d8 (S)	ug/L	63	64	101	72 - 122	

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Results

QC Batch: MSVt/4541
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125005

Analysis Method: SW-846 8260B

Method Blank(4400161)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.0010 U	mg/Kg	0.0030	0.0010	T
Chloromethane	0.00069 U	mg/Kg	0.0030	0.00069	T
Vinyl Chloride	0.00058 U	mg/Kg	0.0030	0.00058	T
Bromomethane	0.0012 U	mg/Kg	0.0030	0.0012	T
Chloroethane	0.0015 U	mg/Kg	0.0030	0.0015	T
Trichlorofluoromethane	0.00066 U	mg/Kg	0.0030	0.00066	T
Acrolein (Propenal)	0.0062 U	mg/Kg	0.015	0.0062	T
Acetone	0.0022 U	mg/Kg	0.0030	0.0022	T
1,1-Dichloroethylene	0.00073 U	mg/Kg	0.0030	0.00073	T
Iodomethane (Methyl Iodide)	0.0021 U	mg/Kg	0.0030	0.0021	T
Acrylonitrile	0.00052 U	mg/Kg	0.0030	0.00052	T
Methylene Chloride	0.0040 U	mg/Kg	0.0050	0.0040	T
Carbon Disulfide	0.00086 U	mg/Kg	0.0030	0.00086	T
trans-1,2-Dichloroethylene	0.00061 U	mg/Kg	0.0030	0.00061	T
Methyl tert-butyl Ether (MTBE)	0.00098 U	mg/Kg	0.0030	0.00098	T
1,1-Dichloroethane	0.00070 U	mg/Kg	0.0030	0.00070	T
Vinyl Acetate	0.0015 U	mg/Kg	0.0030	0.0015	T
2-Butanone (MEK)	0.0010 U	mg/Kg	0.0030	0.0010	T
cis-1,2-Dichloroethylene	0.00059 U	mg/Kg	0.0030	0.00059	T
Bromochloromethane	0.00064 U	mg/Kg	0.0030	0.00064	T
Chloroform	0.00061 U	mg/Kg	0.0030	0.00061	T
2,2-Dichloropropane	0.0012 U	mg/Kg	0.0030	0.0012	T
1,2-Dichloroethane	0.00078 U	mg/Kg	0.0030	0.00078	T
1,1,1-Trichloroethane	0.00070 U	mg/Kg	0.0030	0.00070	T
1,1-Dichloropropene	0.00049 U	mg/Kg	0.0030	0.00049	T
Carbon Tetrachloride	0.00084 U	mg/Kg	0.0030	0.00084	T
Benzene	0.00050 U	mg/Kg	0.0030	0.00050	T
Dibromomethane	0.00060 U	mg/Kg	0.0030	0.00060	T
1,2-Dichloropropane	0.00054 U	mg/Kg	0.0030	0.00054	T
Trichloroethene	0.00074 U	mg/Kg	0.0030	0.00074	T
Bromodichloromethane	0.00053 U	mg/Kg	0.0030	0.00053	T

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Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4541
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125005

Analysis Method: SW-846 8260B

Parameter	Results	Units	PQL	MDL	Lab
2-Chloroethyl Vinyl Ether	0.0026 U	mg/Kg	0.0030	0.0026	T
cis-1,3-Dichloropropene	0.0021 U	mg/Kg	0.0030	0.0021	T
4-Methyl-2-pentanone (MIBK)	0.00068 U	mg/Kg	0.0030	0.00068	T
trans-1,3-Dichloropropylene	0.0018 U	mg/Kg	0.0030	0.0018	T
1,1,2-Trichloroethane	0.00049 U	mg/Kg	0.0030	0.00049	T
Toluene	0.00037 U	mg/Kg	0.0030	0.00037	T
1,3-Dichloropropane	0.00043 U	mg/Kg	0.0030	0.00043	T
2-Hexanone	0.0015 U	mg/Kg	0.0030	0.0015	T
Dibromochloromethane	0.0017 U	mg/Kg	0.0030	0.0017	T
Ethylene Dibromide (EDB)	0.00050 U	mg/Kg	0.0030	0.00050	T
Tetrachloroethylene (PCE)	0.00057 U	mg/Kg	0.0030	0.00057	T
1,1,1,2-Tetrachloroethane	0.00096 U	mg/Kg	0.0030	0.00096	T
Chlorobenzene	0.00044 U	mg/Kg	0.0030	0.00044	T
Ethylbenzene	0.00036 U	mg/Kg	0.0030	0.00036	T
Bromoform	0.0020 U	mg/Kg	0.0030	0.0020	T
Styrene	0.00040 U	mg/Kg	0.0030	0.00040	T
1,1,2,2-Tetrachloroethane	0.00051 U	mg/Kg	0.0030	0.00051	T
1,2,3-Trichloropropane	0.0017 U	mg/Kg	0.0030	0.0017	T
Isopropylbenzene	0.00063 U	mg/Kg	0.0030	0.00063	T
Bromobenzene	0.00056 U	mg/Kg	0.0030	0.00056	T
n-propylbenzene	0.00070 U	mg/Kg	0.0030	0.00070	T
2-Chlorotoluene	0.00067 U	mg/Kg	0.0030	0.00067	T
4-Chlorotoluene	0.00074 U	mg/Kg	0.0030	0.00074	T
1,3,5-Trimethylbenzene	0.00067 U	mg/Kg	0.0030	0.00067	T
tert-butylbenzene	0.00091 U	mg/Kg	0.0030	0.00091	T
1,2,4-Trimethylbenzene	0.00088 U	mg/Kg	0.0030	0.00088	T
sec-butylbenzene	0.00067 U	mg/Kg	0.0030	0.00067	T
1,3-Dichlorobenzene	0.00055 U	mg/Kg	0.0030	0.00055	T
1,4-Dichlorobenzene	0.00066 U	mg/Kg	0.0030	0.00066	T
1,2-Dichlorobenzene	0.00048 U	mg/Kg	0.0030	0.00048	T
n-Butylbenzene	0.00082 U	mg/Kg	0.0030	0.00082	T
1,2-Dibromo-3-Chloropropane	0.0013 U	mg/Kg	0.0030	0.0013	T
1,2,4-Trichlorobenzene	0.00065 U	mg/Kg	0.0030	0.00065	T
Naphthalene	0.0014 U	mg/Kg	0.0030	0.0014	T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4541
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125005

Analysis Method: SW-846 8260B

Parameter	Results	Units	PQL	MDL	Lab
Hexachlorobutadiene	0.0015 U	mg/Kg	0.0030	0.0015	T
1,2,3-Trichlorobenzene	0.00080 U	mg/Kg	0.0030	0.00080	T
Xylene (Total)	0.0013 U	mg/Kg	0.0060	0.0013	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	69 - 134	
Bromofluorobenzene (S)	ug/L	50	49	98	79 - 126	
Toluene-d8 (S)	ug/L	50	49	98	72 - 122	

Lab Control Sample (4400162); Lab Control Sample Duplicate (4400163)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Dichlorodifluoromethane	mg/Kg	0.02	.02	95		.02	101	6		T
Chloromethane	mg/Kg	0.02	.02	95		.02	103	8		T
Vinyl Chloride	mg/Kg	0.02	.02	91	70 - 130	.02	100	9	20	T
Bromomethane	mg/Kg	0.02	.01	72		.02	85	16		T
Chloroethane	mg/Kg	0.02	.02	91		.02	97	6		T
Trichlorofluoromethane	mg/Kg	0.02	.02	93		.02	100	7		T
Acetone	mg/Kg	0.02	.02	109		.02	122	11		T
1,1-Dichloroethylene	mg/Kg	0.02	.02	116	70 - 130	.03	123	6	20	T
Methylene Chloride	mg/Kg	0.02	.02	116		.03	126	9		T
Carbon Disulfide	mg/Kg	0.02	.02	116		.03	123	6		T
trans-1,2-Dichloroethylene	mg/Kg	0.02	.02	114		.02	121	6		T
Methyl tert-butyl Ether (MT)	mg/Kg	0.02	.02	114	70 - 130	.02	121	6	20	T
1,1-Dichloroethane	mg/Kg	0.02	.02	113		.02	121	7		T
2-Butanone (MEK)	mg/Kg	0.02	.02	114		.02	120	6		T
cis-1,2-Dichloroethylene	mg/Kg	0.02	.02	113	70 - 130	.02	121	7	20	T
Chloroform	mg/Kg	0.02	.02	114	70 - 130	.03	123	7	20	T
1,2-Dichloroethane	mg/Kg	0.02	.02	113		.02	120	6		T
1,1,1-Trichloroethane	mg/Kg	0.02	.02	113		.02	121	7		T
Carbon Tetrachloride	mg/Kg	0.02	.02	114		.02	122	7		T
Benzene	mg/Kg	0.02	.02	115	70 - 130	.02	121	5	20	T
1,2-Dichloropropane	mg/Kg	0.02	.02	113		.02	122	7		T
Trichloroethene	mg/Kg	0.02	.02	108	70 - 130	.02	118	9	20	T
Bromodichloromethane	mg/Kg	0.02	.02	113		.02	122	7		T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4541
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125005

Analysis Method: SW-846 8260B

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
cis-1,3-Dichloropropene	mg/Kg	0.02	.02	114		.02	122	7		T
4-Methyl-2-pentanone (MIB)	mg/Kg	0.02	.02	113		.02	120	6		T
trans-1,3-Dichloropropylene	mg/Kg	0.02	.02	114		.02	121	6		T
1,1,2-Trichloroethane	mg/Kg	0.02	.02	112		.02	119	5		T
Toluene	mg/Kg	0.02	.02	117	70 - 130	.02	120	2	20	T
2-Hexanone	mg/Kg	0.02	.02	117		.02	121	3		T
Dibromochloromethane	mg/Kg	0.02	.02	118		.02	120	1		T
Ethylene Dibromide (EDB)	mg/Kg	0.02	.02	118		.02	121	2		T
Tetrachloroethylene (PCE)	mg/Kg	0.02	.02	115	70 - 130	.02	119	3	20	T
Chlorobenzene	mg/Kg	0.02	.02	118	70 - 130	.02	121	3	20	T
Ethylbenzene	mg/Kg	0.02	.02	118	70 - 130	.02	122	3	20	T
Bromoform	mg/Kg	0.02	.02	117		.02	119	1		T
Styrene	mg/Kg	0.02	.02	118		.02	121	3		T
1,1,2,2-Tetrachloroethane	mg/Kg	0.02	.02	121		.02	122	1		T
Isopropylbenzene	mg/Kg	0.02	.02	108		.02	112	3		T
1,3-Dichlorobenzene	mg/Kg	0.02	.02	110	70 - 130	.02	114	3	20	T
1,4-Dichlorobenzene	mg/Kg	0.02	.02	110		.02	112	3		T
1,2-Dichlorobenzene	mg/Kg	0.02	.02	109	70 - 130	.02	111	2	20	T
1,2-Dibromo-3-Chloropropa	mg/Kg	0.02	.02	110		.02	110	1		T
1,2,4-Trichlorobenzene	mg/Kg	0.02	.02	110		.02	114	3		T
Xylene (Total)	mg/Kg	0.06	.07	118	70 - 130	.07	121	3	20	T
1,1-Dichloropropene	mg/Kg	0.02	.02	118		.03	125	6		T
1,1,1,2-Tetrachloroethane	mg/Kg	0.02	.02	118		.02	122	3		T
1,2,3-Trichlorobenzene	mg/Kg	0.02	.02	109		.02	113	3		T
1,2,3-Trichloropropane	mg/Kg	0.02	.02	120		.03	123	2		T
1,2,4-Trimethylbenzene	mg/Kg	0.02	.02	108	70 - 130	.02	111	2	20	T
1,3,5-Trimethylbenzene	mg/Kg	0.02	.02	109		.02	111	2		T
1,3-Dichloropropane	mg/Kg	0.02	.02	120		.02	122	1		T
2,2-Dichloropropane	mg/Kg	0.02	.02	118		.03	126	7		T
2-Chloroethyl Vinyl Ether	mg/Kg	0.02	.01	64		.01	69	7		T
2-Chlorotoluene	mg/Kg	0.02	.02	108		.02	111	3		T
4-Chlorotoluene	mg/Kg	0.02	.02	109		.02	112	3		T
Acrolein (Propenal)	mg/Kg	0.10	.11	110		.12	125	12		T

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Batch: MSVt/4541
Preparation Method: SW-846 5035
Associated Lab IDs: T2214125005

Analysis Method: SW-846 8260B

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Bromobenzene	mg/Kg	0.02	.02	108		.02	111	3		T
Dibromomethane	mg/Kg	0.02	.02	111		.02	120	8		T
Hexachlorobutadiene	mg/Kg	0.02	.02	107		.02	111	4		T
Naphthalene	mg/Kg	0.02	.02	104		.02	108	4		T
n-Butylbenzene	mg/Kg	0.02	.02	109		.02	112	3		T
n-propylbenzene	mg/Kg	0.02	.02	109		.02	112	3		T
sec-butylbenzene	mg/Kg	0.02	.02	108		.02	112	3		T
Vinyl Acetate	mg/Kg	0.02	.03	125		.03	130	4		T
Acrylonitrile	mg/Kg	0.02	.02	112		.02	118	5		T
Iodomethane (Methyl Iodide)	mg/Kg	0.02	.02	108		.03	123	13		T
tert-butylbenzene	mg/Kg	0.02	.02	109		.02	111	2		T
Bromochloromethane	mg/Kg	0.02	.02	111		.02	118	6		T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	48	96	69 - 134	50	101	5		
Bromofluorobenzene (S)	ug/L	50	46	91	79 - 126	46	92	0		
Toluene-d8 (S)	ug/L	50	49	99	72 - 122	49	99	0		

Matrix Spike (4400164); Parent Lab Sample (T2214366004)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Methyl tert-butyl Ether (MTBE)	mg/Kg	0.0260	.03	121	70 - 130	T
Benzene	mg/Kg	0.0260	.03	121	70 - 130	T
Toluene	mg/Kg	0.0260	.03	117	70 - 130	T
Ethylbenzene	mg/Kg	0.0260	.03	118	70 - 130	T
Xylene (Total)	mg/Kg	0.0770	.09	118	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	64	64	100	69 - 134	
Bromofluorobenzene (S)	ug/L	64	58	91	79 - 126	
Toluene-d8 (S)	ug/L	64	63	98	72 - 122	

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAI/1695 - SW-846 7471A			
T2214125001	Shed 2, 0.5'	DGMt/4336	SW-846 7471A
T2214125002	B32 Shed, 0.5'	DGMt/4336	SW-846 7471A
T2214125003	B21 Shed, 0.5'	DGMt/4336	SW-846 7471A
T2214125004	B27 0.5'	DGMt/4336	SW-846 7471A
T2214125005	B31 0.5'	DGMt/4336	SW-846 7471A
T2214125006	North Pen 0.5'	DGMt/4336	SW-846 7471A
T2214125007	B6 1'	DGMt/4336	SW-846 7471A
GCSt/2433 - FL-PRO			
T2214125001	Shed 2, 0.5'	EXTt/2996	FL-PRO
T2214125002	B32 Shed, 0.5'	EXTt/2996	FL-PRO
T2214125003	B21 Shed, 0.5'	EXTt/2996	FL-PRO
T2214125004	B27 0.5'	EXTt/2996	FL-PRO
T2214125005	B31 0.5'	EXTt/2996	FL-PRO
T2214125007	B6 1'	EXTt/2996	FL-PRO
ICPt/2896 - SW-846 6010			
T2214125001	Shed 2, 0.5'	DGMt/4268	SW-846 3050B
T2214125002	B32 Shed, 0.5'	DGMt/4268	SW-846 3050B
T2214125003	B21 Shed, 0.5'	DGMt/4268	SW-846 3050B
T2214125004	B27 0.5'	DGMt/4268	SW-846 3050B
T2214125005	B31 0.5'	DGMt/4268	SW-846 3050B
T2214125006	North Pen 0.5'	DGMt/4268	SW-846 3050B
T2214125007	B6 1'	DGMt/4268	SW-846 3050B
MSSt/1936 - SW-846 8270C (SIM)			
T2214125001	Shed 2, 0.5'	EXTt/2995	SW-846 3550B
T2214125002	B32 Shed, 0.5'	EXTt/2995	SW-846 3550B
T2214125003	B21 Shed, 0.5'	EXTt/2995	SW-846 3550B
T2214125004	B27 0.5'	EXTt/2995	SW-846 3550B
T2214125005	B31 0.5'	EXTt/2995	SW-846 3550B
T2214125007	B6 1'	EXTt/2995	SW-846 3550B

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FINAL

Workorder: 2932 Washington Road (T2214125)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVt/4512 - SW-846 8260B			
T2214125001	Shed 2, 0.5'	MSVt/4511	SW-846 5035
T2214125002	B32 Shed, 0.5'	MSVt/4511	SW-846 5035
T2214125003	B21 Shed, 0.5'	MSVt/4511	SW-846 5035
T2214125004	B27 0.5'	MSVt/4511	SW-846 5035
MSVt/4528 - SW-846 8260B			
T2214125007	B6 1'	MSVt/4527	SW-846 5035
MSVt/4541 - SW-846 8260B			
T2214125005	B31 0.5'	MSVt/4540	SW-846 5035
WCA/13584 - SM 2540G			
T2214125001	Shed 2, 0.5'		
T2214125002	B32 Shed, 0.5'		
T2214125003	B21 Shed, 0.5'		
T2214125004	B27 0.5'		
T2214125005	B31 0.5'		
T2214125006	North Pen 0.5'		
T2214125007	B6 1'		

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FINAL

Workorder: 2932 Washington Road (T2214125)



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☐ Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2348 • Fax 352.395.6639 Lab ID: E82001
☐ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Fax 954.889.2281 Lab ID: E82535
☐ Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Fax 813.630.4327 Lab ID: E84589

Page 1 of 1

Client Name: <u>Environmental Eng Consultants</u>		Project Name: <u>2932 Washington Road</u>		BOTTLE SIZE & TYPE	ANALYSIS REQUIRED <u>8260 Full</u> <u>PAH's</u> <u>PCRA8</u> <u>TPH</u>	 * T 2 2 1 4 1 2 5 *	LABORATORY I.D. NUMBER
Address:		Project Number:					
Phone:		PO Number:					
FAX:		FDEP Facility No:					
Contact: <u>Richard Pryor</u>		FDEP Facility Address:					
Sampled By: <u>Wye</u>		Special Instructions:					
Turn Around Time: ☐ STANDARD ☐ RUSH		AEL Profile #:					
☐ ADaPT ☐ EQuIS ☐ Other							
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	TIME	MATRIX	NO. COUNT	
	<u>Shed 2, 0.5'</u>		<u>7/14/22</u>	<u>1:00</u>			
	<u>1332 (Shed 3), 0.5'</u>			<u>1:20</u>			
	<u>1321 (Shed 4), 0.5'</u>			<u>1:10</u>			
	<u>B27, 0.5'</u>			<u>12:51</u>			
	<u>B31, 0.5'</u>			<u>11:00</u>			
	<u>North Pond, 0.5'</u>			<u>1:40</u>			
	<u>BE, 1'</u>			<u>2:00</u>			
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)							

Received on Ice ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked Temp. when received (observed) 4 °C Temp. when received (corrected) _____ °C

DCN: AD-D051web Form last revised 08/07/2019

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 T: 10A A: 3A M: 3A S: 1V F: 1A

Relinquished by:	Date	Time	Received by:	Date	Time
<u>Wye</u>	<u>7/14/22</u>	<u>3:10</u>	<u>Wye</u>	<u>14 JUL 2022</u>	<u>1520</u>

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____ Phone: _____

Supplier of Water: _____

Site Address: _____

Monday, August 1, 2022 9:06:07 AM
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ATTACHMENT 3

Well Lithology Log

ENVIRONMENTAL ENGINEERING CONSULTANTS
WELL / BORING LOG

BORING/ WELL NO: TMW-1	
CLIENT: AAG Homes	
LOCATION: 2432 Washington Rd (15' N of Shed 2)	
DATE/ TIME: 8/15/22	
DRILLER/ METHOD: NET Drilling	
WATER DEPTH BLS: 24'	
DEPTH (FT)	DESCRIPTION
0	
2.0	DARK BROWN FINE SAND, Dry
5	Light Brown FINE SAND, Dry
8.0	
10	Light grey sandy clay with heavy iron staining, Dry
15	
20	light grey silty clay, firm with weathered (2mm) limestone heavy iron staining, Dry - slightly moist. (20-24) heavy weathered (2mm) limestone & phosphate
24.0	
25	Light Brown clayey Sand with heavy weathered (2mm) limestone & phosphate, moist-wet
26.0	
29.0	light grey silty-sandy, clay, soft, moist with weathered phosphate (2mm) with minor iron staining
30	White dry silt with iron staining
	End of hole
35	
40	

ATTACHMENT 4

Groundwater Analytical Results



Advanced Environmental Laboratories, Inc
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Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: 2932 Washington Rd (T2216410)

August 23, 2022

RICHARD PRYOR
EEC
5119 N FLORIDA AVE
Tampa, FL 33603

RE: Workorder: T2216410 2932 Washington Rd

Dear RICHARD PRYOR:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday August 15, 2022. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sheila Wilcox, Assistant Lab Manager
SWilcox@aellab.com

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FINAL

Workorder: 2932 Washington Rd (T2216410)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
T2216410001	TMW-1	WA	FL-PRO	08/15/2022 11:30	08/15/2022 13:05	1	NA
T2216410001	TMW-1	WA	SW-846 6010	08/15/2022 11:30	08/15/2022 13:05	7	NA
T2216410001	TMW-1	WA	SW-846 7470A	08/15/2022 11:30	08/15/2022 13:05	1	NA
T2216410001	TMW-1	WA	SW-846 8260B	08/15/2022 11:30	08/15/2022 13:05	68	NA
T2216410001	TMW-1	WA	SW-846 8270C (SIM)	08/15/2022 11:30	08/15/2022 13:05	18	NA

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FINAL

Workorder: 2932 Washington Rd (T2216410)

Workorder Summary

Batch Comments

CVAt/1716 - HG Analysis,CVAA,Aqueous

The matrix spike (MS) and matrix spike duplicate (MSD) recoveries of Hg for T2216061001 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.

GCS/2536 - FL-PRO Analysis,Water

The lower control criterion was exceeded for the following surrogate in T2216401009 due to potential matrix interference: OTP. The error associated with an elevated recovery equates to a low bias. The data was qualified to indicate potential matrix interference. No further corrective action was required.

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FINAL

Workorder: 2932 Washington Rd (T2216410)

Analytical Results Qualifiers

Parameter Qualifiers

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Lab Qualifiers

- T DOH Certification #E84589 (FL NELAC) AEL-Tampa

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FINAL

Workorder: 2932 Washington Rd (T2216410)

Analytical Results

Lab ID: T2216410001	Date Collected: 08/15/2022 11:30					Matrix: Water		
Sample ID: TMW-1	Date Received: 08/15/2022 13:05							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Arsenic	8.0 U	ug/L	10	8.0	1	08/17/2022 12:00	08/18/2022 17:34	T
Barium	32	ug/L	10	3.0	1	08/17/2022 12:00	08/18/2022 17:34	T
Cadmium	1.0 U	ug/L	2.0	1.0	1	08/17/2022 12:00	08/18/2022 17:34	T
Chromium	12	ug/L	10	5.0	1	08/17/2022 12:00	08/18/2022 17:34	T
Lead	3.0 U	ug/L	10	3.0	1	08/17/2022 12:00	08/18/2022 17:34	T
Selenium	40 U	ug/L	100	40	1	08/17/2022 12:00	08/18/2022 17:34	T
Silver	8.0 U	ug/L	10	8.0	1	08/17/2022 12:00	08/18/2022 17:34	T
METALS (SW-846 7470A)								
Mercury	0.46	ug/L	0.10	0.011	1	08/16/2022 15:30	08/17/2022 13:50	T
SEMIVOLATILES (FL-PRO)								
TPH	570 U	ug/L	680	570	1	08/16/2022 14:15	08/16/2022 18:13	T
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.043 U	ug/L	0.20	0.043	1	08/16/2022 14:15	08/17/2022 03:52	T
2-Methylnaphthalene	0.032 U	ug/L	0.20	0.032	1	08/16/2022 14:15	08/17/2022 03:52	T
Acenaphthene	0.028 U	ug/L	0.20	0.028	1	08/16/2022 14:15	08/17/2022 03:52	T
Acenaphthylene	0.032 U	ug/L	0.20	0.032	1	08/16/2022 14:15	08/17/2022 03:52	T
Anthracene	0.053 U	ug/L	0.20	0.053	1	08/16/2022 14:15	08/17/2022 03:52	T
Benzo[a]anthracene	0.042 U	ug/L	0.20	0.042	1	08/16/2022 14:15	08/17/2022 03:52	T
Benzo[a]pyrene	0.036 U	ug/L	0.20	0.036	1	08/16/2022 14:15	08/17/2022 03:52	T
Benzo[b]fluoranthene	0.043 U	ug/L	0.10	0.043	1	08/16/2022 14:15	08/17/2022 03:52	T
Benzo[g,h,i]perylene	0.045 U	ug/L	0.20	0.045	1	08/16/2022 14:15	08/17/2022 03:52	T
Benzo[k]fluoranthene	0.027 U	ug/L	0.20	0.027	1	08/16/2022 14:15	08/17/2022 03:52	T
Chrysene	0.031 U	ug/L	0.20	0.031	1	08/16/2022 14:15	08/17/2022 03:52	T
Dibenzo[a,h]anthracene	0.053 U	ug/L	0.20	0.053	1	08/16/2022 14:15	08/17/2022 03:52	T
Fluoranthene	0.038 U	ug/L	0.20	0.038	1	08/16/2022 14:15	08/17/2022 03:52	T
Fluorene	0.038 U	ug/L	0.20	0.038	1	08/16/2022 14:15	08/17/2022 03:52	T
Indeno(1,2,3-cd)pyrene	0.042 U	ug/L	0.20	0.042	1	08/16/2022 14:15	08/17/2022 03:52	T

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FINAL

Workorder: 2932 Washington Rd (T2216410)

Analytical Results

Lab ID: T2216410001
Sample ID: TMW-1

Date Collected: 08/15/2022 11:30
Date Received: 08/15/2022 13:05

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Naphthalene	0.055 U	ug/L	0.20	0.055	1	08/16/2022 14:15	08/17/2022 03:52	T
Phenanthrene	0.036 U	ug/L	0.20	0.036	1	08/16/2022 14:15	08/17/2022 03:52	T
Pyrene	0.037 U	ug/L	0.20	0.037	1	08/16/2022 14:15	08/17/2022 03:52	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	08/17/2022 17:47	08/17/2022 20:58	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	08/17/2022 17:47	08/17/2022 20:58	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	08/17/2022 17:47	08/17/2022 20:58	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	08/17/2022 17:47	08/17/2022 20:58	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	08/17/2022 17:47	08/17/2022 20:58	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	08/17/2022 17:47	08/17/2022 20:58	T
1,1-Dichloropropene	0.38 U	ug/L	1.0	0.38	1	08/17/2022 17:47	08/17/2022 20:58	T
1,2,3-Trichlorobenzene	0.36 U	ug/L	1.0	0.36	1	08/17/2022 17:47	08/17/2022 20:58	T
1,2,3-Trichloropropane	0.22 U	ug/L	1.0	0.22	1	08/17/2022 17:47	08/17/2022 20:58	T
1,2,4-Trichlorobenzene	0.52 U	ug/L	1.0	0.52	1	08/17/2022 17:47	08/17/2022 20:58	T
1,2,4-Trimethylbenzene	0.60 I	ug/L	1.0	0.41	1	08/17/2022 17:47	08/17/2022 20:58	T
1,2-Dibromo-3-Chloropropane	0.38 U	ug/L	1.0	0.38	1	08/17/2022 17:47	08/17/2022 20:58	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	08/17/2022 17:47	08/17/2022 20:58	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	08/17/2022 17:47	08/17/2022 20:58	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	08/17/2022 17:47	08/17/2022 20:58	T
1,3,5-Trimethylbenzene	0.39 U	ug/L	1.0	0.39	1	08/17/2022 17:47	08/17/2022 20:58	T
1,3-Dichlorobenzene	0.40 U	ug/L	1.0	0.40	1	08/17/2022 17:47	08/17/2022 20:58	T
1,3-Dichloropropane	0.32 U	ug/L	1.0	0.32	1	08/17/2022 17:47	08/17/2022 20:58	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	08/17/2022 17:47	08/17/2022 20:58	T
2,2-Dichloropropane	0.45 U	ug/L	1.0	0.45	1	08/17/2022 17:47	08/17/2022 20:58	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	08/17/2022 17:47	08/17/2022 20:58	T
2-Chloroethyl Vinyl Ether	0.79 U	ug/L	1.0	0.79	1	08/17/2022 17:47	08/17/2022 20:58	T
2-Chlorotoluene	0.34 U	ug/L	1.0	0.34	1	08/17/2022 17:47	08/17/2022 20:58	T

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FINAL

Workorder: 2932 Washington Rd (T2216410)

Analytical Results

Lab ID: T2216410001
Sample ID: TMW-1

Date Collected: 08/15/2022 11:30
Date Received: 08/15/2022 13:05

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	08/17/2022 17:47	08/17/2022 20:58	T
4-Chlorotoluene	0.34 U	ug/L	1.0	0.34	1	08/17/2022 17:47	08/17/2022 20:58	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	08/17/2022 17:47	08/17/2022 20:58	T
Acetone	0.90 U	ug/L	2.0	0.90	1	08/17/2022 17:47	08/17/2022 20:58	T
Acrolein (Propenal)	1.8 U	ug/L	5.0	1.8	1	08/17/2022 17:47	08/17/2022 20:58	T
Acrylonitrile	0.38 U	ug/L	1.0	0.38	1	08/17/2022 17:47	08/17/2022 20:58	T
Benzene	0.28 U	ug/L	1.0	0.28	1	08/17/2022 17:47	08/17/2022 20:58	T
Bromobenzene	0.34 U	ug/L	1.0	0.34	1	08/17/2022 17:47	08/17/2022 20:58	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	08/17/2022 17:47	08/17/2022 20:58	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	08/17/2022 17:47	08/17/2022 20:58	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	08/17/2022 17:47	08/17/2022 20:58	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	08/17/2022 17:47	08/17/2022 20:58	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	08/17/2022 17:47	08/17/2022 20:58	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	08/17/2022 17:47	08/17/2022 20:58	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	08/17/2022 17:47	08/17/2022 20:58	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	08/17/2022 17:47	08/17/2022 20:58	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	08/17/2022 17:47	08/17/2022 20:58	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	08/17/2022 17:47	08/17/2022 20:58	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	08/17/2022 17:47	08/17/2022 20:58	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	08/17/2022 17:47	08/17/2022 20:58	T
Dichlorodifluoromethane	0.53 U	ug/L	1.0	0.53	1	08/17/2022 17:47	08/17/2022 20:58	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	08/17/2022 17:47	08/17/2022 20:58	T
Ethylene Dibromide (EDB)	0.29 U	ug/L	1.0	0.29	1	08/17/2022 17:47	08/17/2022 20:58	T
Hexachlorobutadiene	0.32 U	ug/L	1.0	0.32	1	08/17/2022 17:47	08/17/2022 20:58	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	08/17/2022 17:47	08/17/2022 20:58	T
Isopropylbenzene	0.42 U	ug/L	1.0	0.42	1	08/17/2022 17:47	08/17/2022 20:58	T
Methyl tert-butyl Ether (MTBE)	0.71 U	ug/L	1.0	0.71	1	08/17/2022 17:47	08/17/2022 20:58	T

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FINAL

Workorder: 2932 Washington Rd (T2216410)

Analytical Results

Lab ID: T2216410001
Sample ID: TMW-1

Date Collected: 08/15/2022 11:30
Date Received: 08/15/2022 13:05

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	08/17/2022 17:47	08/17/2022 20:58	T
Naphthalene	0.93 U	ug/L	1.0	0.93	1	08/17/2022 17:47	08/17/2022 20:58	T
Styrene	0.29 U	ug/L	1.0	0.29	1	08/17/2022 17:47	08/17/2022 20:58	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	08/17/2022 17:47	08/17/2022 20:58	T
Toluene	0.66 U	ug/L	1.0	0.66	1	08/17/2022 17:47	08/17/2022 20:58	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	08/17/2022 17:47	08/17/2022 20:58	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	08/17/2022 17:47	08/17/2022 20:58	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	08/17/2022 17:47	08/17/2022 20:58	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	08/17/2022 17:47	08/17/2022 20:58	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	08/17/2022 17:47	08/17/2022 20:58	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	08/17/2022 17:47	08/17/2022 20:58	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	08/17/2022 17:47	08/17/2022 20:58	T
n-Butylbenzene	0.59 U	ug/L	1.0	0.59	1	08/17/2022 17:47	08/17/2022 20:58	T
n-propylbenzene	0.34 U	ug/L	1.0	0.34	1	08/17/2022 17:47	08/17/2022 20:58	T
sec-butylbenzene	0.41 U	ug/L	1.0	0.41	1	08/17/2022 17:47	08/17/2022 20:58	T
tert-butylbenzene	0.38 U	ug/L	1.0	0.38	1	08/17/2022 17:47	08/17/2022 20:58	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	08/17/2022 17:47	08/17/2022 20:58	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	08/17/2022 17:47	08/17/2022 20:58	T

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FINAL

Workorder: 2932 Washington Rd (T2216410)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	58	115	70 - 128	T
Toluene-d8 (S)	ug/L	50	53	107	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	57	115	86 - 123	T
2-Fluorobiphenyl (S)	ug/L	40	28	70	36 - 125	T
Nitrobenzene-d5 (S)	ug/L	40	29	73	34 - 139	T
p-Terphenyl-d14 (S)	ug/L	40	19	49	41 - 138	T
Nonatricontane-C39 (S)	ug/L	600	420	71	40 - 129	T
o-Terphenyl (S)	ug/L	200	140	69	66 - 139	T

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FINAL

Workorder: 2932 Washington Rd (T2216410)

QC Results

QC Batch: CVA1/1716
Preparation Method: SW-846 7470A
Associated Lab IDs: T2216410001

Analysis Method: SW-846 7470A

Method Blank(4432771)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.011 U	ug/L	0.10	0.011	T

Lab Control Sample (4432772); Lab Control Sample Duplicate (4432773)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	ug/L	1	.99	99	80 - 120	.97	97	3	20	T

Matrix Spike (4432774); Matrix Spike Duplicate (4432775); Parent Lab Sample (T2216061001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	ug/L	1	.7	61	80 - 120	.7	61	0	20	T

QC Result Comments

Matrix Spike - 4432774 - Mercury

J4|Estimated Result

Matrix Spike Duplicate - 4432775 - Mercury

J4|Estimated Result

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FINAL

Workorder: 2932 Washington Rd (T2216410)

QC Results

QC Batch: GCS1/2536
Preparation Method: FL-PRO
Associated Lab IDs: T2216410001

Analysis Method: FL-PRO

Method Blank(4431305)

Parameter	Results	Units	PQL	MDL	Lab
TPH	570 U	ug/L	680	570	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.45	75	40 - 129	
o-Terphenyl (S)	mg/L	0.20	0.16	78	66 - 139	

Lab Control Sample (4431306)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
TPH	ug/L	3400	2500	73	53 - 121	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.45	76	40 - 129	
o-Terphenyl (S)	mg/L	0.20	0.15	73	66 - 139	

Matrix Spike (4431307); Matrix Spike Duplicate (4431308); Parent Lab Sample (T2216410001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
TPH	ug/L	3400	2400	71	53 - 121	2400	71	0	20	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.46	76	40 - 129	0.45	75	2	20	
o-Terphenyl (S)	mg/L	0.20	0.14	69	66 - 139	0.14	68	2	20	

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FINAL

Workorder: 2932 Washington Rd (T2216410)

QC Results

QC Batch: ICP1/2981
Preparation Method: SW-846 3010A
Associated Lab IDs: T2216410001

Analysis Method: SW-846 6010

Method Blank(4434062)

Parameter	Results	Units	PQL	MDL	Lab
Silver	8.0 U	ug/L	10	8.0	T
Arsenic	8.0 U	ug/L	10	8.0	T
Barium	3.0 U	ug/L	10	3.0	T
Cadmium	1.0 U	ug/L	2.0	1.0	T
Chromium	5.0 U	ug/L	10	5.0	T
Lead	3.0 U	ug/L	10	3.0	T
Selenium	40 U	ug/L	100	40	T

Lab Control Sample (4434063)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	ug/L	100	90	90	80 - 120	T
Arsenic	ug/L	1000	910	91	80 - 120	T
Barium	ug/L	1000	910	91	80 - 120	T
Cadmium	ug/L	100	92	92	80 - 120	T
Chromium	ug/L	1000	940	94	80 - 120	T
Lead	ug/L	1000	920	92	80 - 120	T
Selenium	ug/L	1000	920	92	80 - 120	T

Matrix Spike (4434064); Matrix Spike Duplicate (4434065); Parent Lab Sample (A2206936001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	ug/L	100	100	103	75 - 125	100	103	1	20	T
Arsenic	ug/L	1000	1000	104	75 - 125	1100	104	0	20	T
Barium	ug/L	1000	1100	105	75 - 125	1100	105	1	20	T
Cadmium	ug/L	100	100	103	75 - 125	100	104	1	20	T
Chromium	ug/L	1000	1100	106	75 - 125	1100	107	1	20	T
Lead	ug/L	1000	1000	102	75 - 125	1000	103	1	20	T
Selenium	ug/L	1000	1000	103	75 - 125	1000	104	1	20	T

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FINAL

Workorder: 2932 Washington Rd (T2216410)

QC Results

QC Batch: MSS1/1979
Preparation Method: SW-846 3510C
Associated Lab IDs: T2216410001

Analysis Method: SW-846 8270C (SIM)

Method Blank(4431294)

Parameter	Results	Units	PQL	MDL	Lab
Naphthalene	0.055 U	ug/L	0.20	0.055	T
2-Methylnaphthalene	0.032 U	ug/L	0.20	0.032	T
1-Methylnaphthalene	0.043 U	ug/L	0.20	0.043	T
Acenaphthylene	0.032 U	ug/L	0.20	0.032	T
Acenaphthene	0.028 U	ug/L	0.20	0.028	T
Fluorene	0.038 U	ug/L	0.20	0.038	T
Phenanthrene	0.036 U	ug/L	0.20	0.036	T
Anthracene	0.053 U	ug/L	0.20	0.053	T
Fluoranthene	0.038 U	ug/L	0.20	0.038	T
Pyrene	0.037 U	ug/L	0.20	0.037	T
Benzo[a]anthracene	0.042 U	ug/L	0.20	0.042	T
Chrysene	0.031 U	ug/L	0.20	0.031	T
Benzo[b]fluoranthene	0.043 U	ug/L	0.10	0.043	T
Benzo[k]fluoranthene	0.027 U	ug/L	0.20	0.027	T
Benzo[a]pyrene	0.036 U	ug/L	0.20	0.036	T
Indeno(1,2,3-cd)pyrene	0.042 U	ug/L	0.20	0.042	T
Dibenzo[a,h]anthracene	0.053 U	ug/L	0.20	0.053	T
Benzo[g,h,i]perylene	0.045 U	ug/L	0.20	0.045	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	mg/L	0.04	0.03	71	36 - 125	
Nitrobenzene-d5 (S)	mg/L	0.04	0.03	74	34 - 139	
p-Terphenyl-d14 (S)	mg/L	0.04	0.03	80	41 - 138	

Lab Control Sample (4431295)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Naphthalene	ug/L	20	15	73	43 - 120	T
2-Methylnaphthalene	ug/L	20	16	78	39 - 123	T
1-Methylnaphthalene	ug/L	20	16	79	41 - 123	T
Acenaphthylene	ug/L	20	15	74	35 - 121	T
Acenaphthene	ug/L	20	16	78	46 - 120	T
Fluorene	ug/L	20	15	76	48 - 124	T

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FINAL

Workorder: 2932 Washington Rd (T2216410)

QC Batch: MSS1/1979
Preparation Method: SW-846 3510C
Associated Lab IDs: T2216410001

Analysis Method: SW-846 8270C (SIM)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Phenanthrene	ug/L	20	16	79	49 - 125	T
Anthracene	ug/L	20	16	79	49 - 127	T
Fluoranthene	ug/L	20	17	84	48 - 130	T
Pyrene	ug/L	20	17	85	48 - 131	T
Benzo[a]anthracene	ug/L	20	16	78	49 - 130	T
Chrysene	ug/L	20	18	92	49 - 130	T
Benzo[b]fluoranthene	ug/L	20	18	88	43 - 134	T
Benzo[k]fluoranthene	ug/L	20	19	93	44 - 134	T
Benzo[a]pyrene	ug/L	20	13	67	43 - 130	T
Indeno(1,2,3-cd)pyrene	ug/L	20	16	82	38 - 137	T
Dibenzo[a,h]anthracene	ug/L	20	16	78	34 - 141	T
Benzo[g,h,i]perylene	ug/L	20	17	87	34 - 138	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	mg/L	0.04	0.03	79	36 - 125	
Nitrobenzene-d5 (S)	mg/L	0.04	0.04	87	34 - 139	
p-Terphenyl-d14 (S)	mg/L	0.04	0.04	88	41 - 138	

Matrix Spike (4431296); Matrix Spike Duplicate (4431297); Parent Lab Sample (T2216401001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Naphthalene	ug/L	20	14	67	43 - 120	14	64	4	30	T
2-Methylnaphthalene	ug/L	20	14	65	39 - 123	13	62	5	30	T
1-Methylnaphthalene	ug/L	20	24	61	41 - 123	22	53	6	30	T
Acenaphthylene	ug/L	20	13	65	35 - 121	12	62	6	30	T
Acenaphthene	ug/L	20	14	70	46 - 120	13	66	5	30	T
Fluorene	ug/L	20	14	70	48 - 124	13	64	9	30	T
Phenanthrene	ug/L	20	15	77	49 - 125	14	68	11	30	T
Anthracene	ug/L	20	15	77	49 - 127	13	65	16	30	T
Fluoranthene	ug/L	20	16	82	48 - 130	15	75	9	30	T
Pyrene	ug/L	20	16	78	48 - 131	15	75	3	30	T
Benzo[a]anthracene	ug/L	20	14	72	49 - 130	14	69	5	30	T
Chrysene	ug/L	20	17	84	49 - 130	15	77	9	30	T
Benzo[b]fluoranthene	ug/L	20	16	79	43 - 134	15	74	6	30	T
Benzo[k]fluoranthene	ug/L	20	17	83	44 - 134	15	75	9	30	T

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FINAL

Workorder: 2932 Washington Rd (T2216410)

QC Batch: MSS1/1979
Preparation Method: SW-846 3510C
Associated Lab IDs: T2216410001

Analysis Method: SW-846 8270C (SIM)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Benzo[a]pyrene	ug/L	20	13	64	43 - 130	12	60	7	30	T
Indeno(1,2,3-cd)pyrene	ug/L	20	14	69	38 - 137	13	63	10	30	T
Dibenzo[a,h]anthracene	ug/L	20	14	72	34 - 141	13	66	9	30	T
Benzo[g,h,i]perylene	ug/L	20	15	77	34 - 138	14	69	11	30	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2-Fluorobiphenyl (S)	mg/L	0.04	0.03	68	36 - 125	0.03	65	4	30	
Nitrobenzene-d5 (S)	mg/L	0.04	0.03	73	34 - 139	0.03	70	4	30	
p-Terphenyl-d14 (S)	mg/L	0.04	0.03	81	41 - 138	0.03	78	4	30	

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FINAL

Workorder: 2932 Washington Rd (T2216410)

QC Results

QC Batch: MSVt/4691
Preparation Method: SW-846 5030B
Associated Lab IDs: T2216410001

Analysis Method: SW-846 8260B

Method Blank(4435807)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.53 U	ug/L	1.0	0.53	T
Chloromethane	0.39 U	ug/L	1.0	0.39	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	T
Bromomethane	0.32 U	ug/L	1.0	0.32	T
Chloroethane	0.42 U	ug/L	1.0	0.42	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	T
Acrolein (Propenal)	1.8 U	ug/L	5.0	1.8	T
Acetone	0.90 U	ug/L	2.0	0.90	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	T
Acrylonitrile	0.38 U	ug/L	1.0	0.38	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	T
Methyl tert-butyl Ether (MTBE)	0.71 U	ug/L	1.0	0.71	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	T
Chloroform	0.37 U	ug/L	1.0	0.37	T
2,2-Dichloropropane	0.45 U	ug/L	1.0	0.45	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	T
1,1-Dichloropropene	0.38 U	ug/L	1.0	0.38	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	T
Benzene	0.28 U	ug/L	1.0	0.28	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	T

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FINAL

Workorder: 2932 Washington Rd (T2216410)

QC Batch: MSVt/4691
Preparation Method: SW-846 5030B
Associated Lab IDs: T2216410001

Analysis Method: SW-846 8260B

Parameter	Results	Units	PQL	MDL	Lab
2-Chloroethyl Vinyl Ether	0.79 U	ug/L	1.0	0.79	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	T
Toluene	0.66 U	ug/L	1.0	0.66	T
1,3-Dichloropropane	0.32 U	ug/L	1.0	0.32	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	T
Ethylene Dibromide (EDB)	0.29 U	ug/L	1.0	0.29	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	T
Bromoform	0.36 U	ug/L	1.0	0.36	T
Styrene	0.29 U	ug/L	1.0	0.29	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	T
1,2,3-Trichloropropane	0.22 U	ug/L	1.0	0.22	T
Isopropylbenzene	0.42 U	ug/L	1.0	0.42	T
Bromobenzene	0.34 U	ug/L	1.0	0.34	T
n-propylbenzene	0.34 U	ug/L	1.0	0.34	T
2-Chlorotoluene	0.34 U	ug/L	1.0	0.34	T
4-Chlorotoluene	0.34 U	ug/L	1.0	0.34	T
1,3,5-Trimethylbenzene	0.39 U	ug/L	1.0	0.39	T
tert-butylbenzene	0.38 U	ug/L	1.0	0.38	T
1,2,4-Trimethylbenzene	0.41 U	ug/L	1.0	0.41	T
sec-butylbenzene	0.41 U	ug/L	1.0	0.41	T
1,3-Dichlorobenzene	0.40 U	ug/L	1.0	0.40	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	T
n-Butylbenzene	0.59 U	ug/L	1.0	0.59	T
1,2-Dibromo-3-Chloropropane	0.38 U	ug/L	1.0	0.38	T
1,2,4-Trichlorobenzene	0.52 U	ug/L	1.0	0.52	T
Naphthalene	0.93 U	ug/L	1.0	0.93	T

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Workorder: 2932 Washington Rd (T2216410)

QC Batch: MSVt/4691
Preparation Method: SW-846 5030B
Associated Lab IDs: T2216410001

Analysis Method: SW-846 8260B

Parameter	Results	Units	PQL	MDL	Lab
Hexachlorobutadiene	0.32 U	ug/L	1.0	0.32	T
1,2,3-Trichlorobenzene	0.36 U	ug/L	1.0	0.36	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	110	70 - 128	
Bromofluorobenzene (S)	ug/L	50	57	114	86 - 123	
Toluene-d8 (S)	ug/L	50	54	108	77 - 119	

Lab Control Sample (4435808); Lab Control Sample Duplicate (4435809)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Dichlorodifluoromethane	ug/L	20	20	102		21	107	4		T
Chloromethane	ug/L	20	19	96		19	97	1		T
Vinyl Chloride	ug/L	20	23	115	70 - 130	23	116	1	20	T
Bromomethane	ug/L	20	24	122		27	135	10		T
Chloroethane	ug/L	20	21	105		21	106	1		T
Trichlorofluoromethane	ug/L	20	20	99		20	101	2		T
Acrolein (Propenal)	ug/L	100	98	98		110	112	13		T
Acetone	ug/L	20	14	72		16	78	8		T
1,1-Dichloroethylene	ug/L	20	22	112	70 - 130	24	118	5	20	T
Iodomethane (Methyl Iodide)	ug/L	20	13	67		17	83	21		T
Acrylonitrile	ug/L	20	20	98		22	112	14		T
Methylene Chloride	ug/L	20	20	98		21	105	6		T
Carbon Disulfide	ug/L	20	23	114		24	119	4		T
trans-1,2-Dichloroethylene	ug/L	20	20	102		22	110	7		T
Methyl tert-butyl Ether (MTBE)	ug/L	20	19	94	70 - 130	21	104	10	20	T
1,1-Dichloroethane	ug/L	20	20	99		21	105	5		T
Vinyl Acetate	ug/L	20	30	149		34	169	13		T
2-Butanone (MEK)	ug/L	20	30	152		35	177	15		T
cis-1,2-Dichloroethylene	ug/L	20	21	105	70 - 130	23	115	9	20	T
Bromochloromethane	ug/L	20	19	94		20	99	6		T
Chloroform	ug/L	20	19	93	70 - 130	20	101	8	20	T
2,2-Dichloropropane	ug/L	20	21	107		22	112	5		T
1,2-Dichloroethane	ug/L	20	19	97		20	101	4		T

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Workorder: 2932 Washington Rd (T2216410)

QC Batch: MSVt/4691
Preparation Method: SW-846 5030B
Associated Lab IDs: T2216410001

Analysis Method: SW-846 8260B

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,1,1-Trichloroethane	ug/L	20	19	94		20	99	6		T
1,1-Dichloropropene	ug/L	20	20	102		21	107	5		T
Carbon Tetrachloride	ug/L	20	18	91		19	97	6		T
Benzene	ug/L	20	20	99	70 - 130	21	106	7	20	T
Dibromomethane	ug/L	20	18	89		19	96	7		T
1,2-Dichloropropane	ug/L	20	19	97		21	105	8		T
Trichloroethene	ug/L	20	18	90	70 - 130	19	97	8	20	T
Bromodichloromethane	ug/L	20	18	92		19	96	4		T
2-Chloroethyl Vinyl Ether	ug/L	20	14	72		18	91	23		T
cis-1,3-Dichloropropene	ug/L	20	18	90		19	97	8		T
4-Methyl-2-pentanone (MIB)	ug/L	20	18	89		22	110	21		T
trans-1,3-Dichloropropylene	ug/L	20	17	87		19	95	8		T
1,1,2-Trichloroethane	ug/L	20	17	86		19	95	10		T
Toluene	ug/L	20	20	98	70 - 130	21	107	9	20	T
1,3-Dichloropropane	ug/L	20	20	99		22	109	10		T
2-Hexanone	ug/L	20	17	84		22	111	27		T
Dibromochloromethane	ug/L	20	16	81		18	91	12		T
Ethylene Dibromide (EDB)	ug/L	20	18	92		21	103	11		T
Tetrachloroethylene (PCE)	ug/L	20	20	100	70 - 130	22	108	8	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	17	84		18	92	9		T
Chlorobenzene	ug/L	20	18	89	70 - 130	20	99	10	20	T
Ethylbenzene	ug/L	20	21	105	70 - 130	22	112	7	20	T
Bromoform	ug/L	20	16	78		19	95	19		T
Styrene	ug/L	20	20	100		22	112	12		T
1,1,2,2-Tetrachloroethane	ug/L	20	21	103		24	118	13		T
1,2,3-Trichloropropane	ug/L	20	18	89		21	104	15		T
Isopropylbenzene	ug/L	20	20	99		23	114	14		T
Bromobenzene	ug/L	20	20	100		23	114	13		T
n-propylbenzene	ug/L	20	20	102		24	119	16		T
2-Chlorotoluene	ug/L	20	20	98		22	110	11		T
4-Chlorotoluene	ug/L	20	20	98		22	111	12		T
1,3,5-Trimethylbenzene	ug/L	20	19	97		22	111	14		T
tert-butylbenzene	ug/L	20	19	93		22	110	16		T





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Workorder: 2932 Washington Rd (T2216410)

QC Batch: MSVt/4691
Preparation Method: SW-846 5030B
Associated Lab IDs: T2216410001

Analysis Method: SW-846 8260B

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2,4-Trimethylbenzene	ug/L	20	20	99	70 - 130	22	108	8	20	T
sec-butylbenzene	ug/L	20	19	94		22	112	17		T
1,3-Dichlorobenzene	ug/L	20	18	92	70 - 130	21	105	13	20	T
1,4-Dichlorobenzene	ug/L	20	18	91		21	105	14		T
1,2-Dichlorobenzene	ug/L	20	18	90	70 - 130	21	103	14	20	T
n-Butylbenzene	ug/L	20	19	96		23	114	18		T
1,2-Dibromo-3-Chloropropa	ug/L	20	20	98		24	120	20		T
1,2,4-Trichlorobenzene	ug/L	20	18	89		21	103	15		T
Naphthalene	ug/L	20	17	85		20	100	17		T
Hexachlorobutadiene	ug/L	20	20	99		23	115	15		T
1,2,3-Trichlorobenzene	ug/L	20	18	88		21	104	17		T
Xylene (Total)	ug/L	60	59	98	70 - 130	64	107	9	20	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	107	70 - 128	53	107	1		
Bromofluorobenzene (S)	ug/L	50	53	105	86 - 123	53	107	1		
Toluene-d8 (S)	ug/L	50	53	106	77 - 119	54	108	1		

Matrix Spike (4435810); Parent Lab Sample (T2216517002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Methyl tert-butyl Ether (MTBE)	ug/L	20	20	101	70 - 130	T
Benzene	ug/L	20	21	103	70 - 130	T
Toluene	ug/L	20	21	106	70 - 130	T
Ethylbenzene	ug/L	20	22	108	70 - 130	T
Naphthalene	ug/L	20	19	96		T
Xylene (Total)	ug/L	60	64	106	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 128	
Bromofluorobenzene (S)	ug/L	50	53	107	86 - 123	
Toluene-d8 (S)	ug/L	50	54	108	77 - 119	

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Workorder: 2932 Washington Rd (T2216410)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAt/1716 - SW-846 7470A			
T2216410001	TMW-1	DGMt/4557	SW-846 7470A
GCSt/2536 - FL-PRO			
T2216410001	TMW-1	EXTt/3094	FL-PRO
ICPt/2981 - SW-846 6010			
T2216410001	TMW-1	DGMt/4564	SW-846 3010A
MSSt/1979 - SW-846 8270C (SIM)			
T2216410001	TMW-1	EXTt/3093	SW-846 3510C
MSVt/4691 - SW-846 8260B			
T2216410001	TMW-1	MSVt/4690	SW-846 5030B

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☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.8274 • Fax 850.219.8275 Lab ID: E811095

☐ **Gainesville:** 4905 SW 41st Blvd., FL 32608 • 352.377.2349 • Fax 352.396.6639 Lab ID: EB2071

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