

# Phase 2 Environmental Site Assessment

Voit Farm Property  
3420-3510 Milwaukee Street  
Madison, WI 53704

Prepared for:

Stone House Development, Inc.  
1010 East Washington Avenue  
Madison, Wisconsin 53705

**SCS ENGINEERS**

25222051.00 | April 27, 2022

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April 27, 2022  
File No. 25222051.00

Ms. Jillian Hayes  
Stone House Development, Inc.  
1010 East Washington Avenue  
Madison, WI 53705

Subject: Phase 2 Environmental Site Assessment Report  
Voit Farm Property, 3420-3510 Milwaukee Street, Madison, WI 53704

Dear Ms. Hayes:

This Phase 2 Environmental Site Assessment (ESA) Report was prepared by SCS Engineers (SCS) for the Voit Farms Subject Property located at 3420-3510 Milwaukee Street, Madison, Wisconsin.

### **Summary of Findings and Recommendations**

Phase II ESA investigations were completed in 2018 and in 2022 to assess the potential impacts of historic and recent land uses on the Subject Property.

Extensive areas in the northern and central parts of the Subject Property have been filled with soils that contain metals and polycyclic aromatic hydrocarbons (PAHs) about NR 720 RCLs. Testing has not been conducted in all the areas of the site where fill soils are present. Field observations identified the presence of cinders and solid waste in the fill soils. Fill soils that are excavated for redevelopment purposes will likely require landfill disposal or special handling if reused on-site.

Only minor groundwater impacts have been identified. The impacts are in the backfilled pond area.

Laboratory analytical results identified the presence of metals, and PAHs at concentrations greater than their residual contaminant levels (RCLs), and volatile organic compounds (VOCs) in groundwater at the Subject Property. These results should be reported to Wisconsin Department of Natural Resources (WDNR) in accordance with the Wisconsin Spills Law.

We recommend evaluating the investigation results obtained to date with respect to redevelopment options, the need for testing in additional areas of the site, and potential costs associated with environmental impacts.

We identified contamination in soil and groundwater at the Subject Property. Based on the Wisconsin Spills Law, the property owner has a responsibility to immediately notify the WDNR with these findings. We can assist with notification at your request.

Ms. Hayes  
April 27, 2022  
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SCS Engineers appreciates the opportunity to perform this environmental assessment. Please call Betty at 608-212-6664 with any questions regarding the Phase 2 ESA Report.

Sincerely,



Betty J. Socha, PhD, PG  
Senior Project Manager  
SCS Engineers



Tony Kollasch  
Senior Hydrogeologist  
SCS Engineers

BJS/AJR/TJK

cc: Tyler Krupp, Threshold Development  
Sophia Qureshi, Threshold Development

Encl. Phase 2 Environmental Site Assessment Report

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## 1.0 INTRODUCTION

The location of the Property is shown on **Figure 1**. **Figure 2** shows the environmental sampling locations and site features.

The Subject Property has a total area of approximately 65 acres and consists of the following:

<u>Address</u>	<u>Description</u>	<u>Size</u>	<u>Property ID#</u>
3420 Milwaukee St.	Vacant triangular lot	0.44 acres	0710-051-1017-8
3450 Milwaukee St.	Concrete ready mix plant, surface mine & pond, agricultural land, farmstead out-buildings & foundations	56.3 acres	0710-051-8251-0
No Address	Backfilled pond area	8.0 acres	0710-042-8860-7
3490 Milwaukee St.	Residence (former Voit farmhouse)	0.43 acres	0710-051-9860-6
3510 Milwaukee St.	Residence	0.5 acres	0710-051-9810-6

The Subject Property was part of a larger property that has been owned, managed, and occupied by the Voit family for approximately 150 years and originally operated as a family-owned, primarily dairy, farm. The farmstead is located at 3490 Milwaukee Street. The agricultural fields adjoining the farmstead are currently leased for row crops. The original farmhouse was demolished in the 1940s and a replacement farmhouse was built closer to Milwaukee Street. A residential home was built at 3510 Milwaukee in about 1955 and is currently occupied. The farmhouse is vacant.

The Voit family built a ready mix facility at the southwest corner of the Subject Property in 1948. The ready mix facility operated through 2020. The ready mix facility structures, including the office, maintenance building, and materials tower remain. Portions of the former ready mix facility area are currently leased to landscaping and snow removal companies, and used by the companies for storage and operations.

The northern half of the Subject Property was surface mined for sand and gravel starting in the 1930s. Surface mining ended approximately 50 years ago but dredging of sand and gravel on the northern half of the Subject Property continued into the early 1990s. Mining and dredging operations created two ponds, and a central mine area south of the ponds. The eastern pond was filled from approximately 2006 to 2010, and the central mine area was filled from approximately 2010 to 2015, reportedly with material from City of Madison road construction projects. Overfilling in the eastern pond area created a mound that is approximately 20 feet higher than the adjacent wetlands. Filling in the central mine area has brought that area up to a few feet higher than the adjacent agricultural fields. Contamination has been documented in some of the non-native fill soils and materials used for backfill. Soil mounds and debris are present on other areas of the Subject Property including the low areas near Starkweather Creek.

The backfilled former mining areas, the existing pond area, the wetlands, and areas adjacent Starkweather Creek are currently unused for any purpose.

A Phase 1 Environmental Site Assessment (ESA) report by SCS Engineers (SCS) dated February 25, 2022, identified the following recognized environmental conditions (RECs) in connection with the Subject Property:

- 1. The presence of non-native fill soil and other fill materials on the Subject Property.** Fill soils from undocumented sources are present over much of the northern portion of the Subject Property and possibly containing cinders, slag, metal, other debris, and contaminants.
- 2. The presence of non-native fill soils and other fill material with elevated concentrations polycyclic aromatic hydrocarbons (PAHs) and Resource and Conservation Recovery Act (RCRA) metals in soil and groundwater on the Subject Property.** SCS completed a Phase II investigation in the northern part of the Subject Property in 2018. Soil and groundwater samples were analyzed of PAHs, metals, and volatile organic compounds (VOCs). The investigation found non-native fill soils with cinders, slag, metal debris, and other debris on the Subject Property, and elevated concentrations of PAHs and metals in excess of Wisconsin Department of Natural Resources (WDNR) standards within the non-native fill soils.
- 3. The detection of contaminants in groundwater near and upgradient from the Subject Property.** Arsenic, nickel, and tetrachloroethylene (PCE) were detected above their respective Wisconsin Administrative Code NR 140 standards in groundwater samples collected in 2017 and 2018 from monitoring wells on the adjoining property owned by the City of Madison. The monitoring wells were installed around the 8-acre Subject Property parcel, within approximately 100 feet of the Subject Property and are upgradient of the Subject Property based on groundwater elevations. The contaminated groundwater on the City-owned property to the east may have, or might migrate to the Subject Property. Vapors associated with the PCE-contaminated groundwater are also a potential concern.

SCS conducted a limited soil and groundwater investigation on the Property on March 28 & 29, 2020. The investigation focused on the Central Mine Area, the farmstead area, and the ready mix facility area. In 2018, SCS conducted a Phase 2 ESA on the northern portion of the Subject Property for the City of Madison. A copy of the 2018 Phase 2 ESA is included in **Appendix A**. Findings of the 2018 Phase 2 ESA are summarized in **Section 3.0** of this report.

## 2.0 2022 SITE INVESTIGATION

Following is a summary of 2022 Phase 2 site investigation activities and findings. Sampling locations are shown on **Figure 2** in red lettering. Five borings (GP1 through GP5) were installed in the ready mix area; one boring was installed in the farmstead area, and seven borings were installed in the Central Mine Area.

An SCS geologist supervised drilling activities, logged and described the soils, and collected soil and groundwater samples for laboratory analysis. All soil samples were field screened for VOCs with a photoionization detector (PID).

The borings were advanced to 10 or 30 feet below ground surface (bgs). Soil samples for laboratory analysis were selected based on field observations of indicators of possible contamination such as odor, discoloration, the presence of debris, or elevated PID readings. Three soil samples were collected for laboratory analysis from each boring installed in the Central Mine Area where potentially

contaminated fill soils were encountered. At the farmstead and ready mix plant areas, no field indicators of contamination were observed so no samples were collected for laboratory analysis.

## 2.1 GROUNDWATER DEPTH

Groundwater samples were collected from Geoprobe™ (geoprobe) borings for laboratory analysis. Groundwater was observed at depths ranging from 5 feet bgs at GP4 located at the southwest corner of the Subject Property near Starkweather Creek, to about 24 feet bgs at GP12 located near the center of the Subject Property at the southwest end of the Central Mine Area.

## 2.2 SOILS ENCOUNTERED

Soils encountered in borings GP1 through GP6, installed on the ready mix and farmstead areas of the Subject Property are primarily native soils consisting of a surface layer, about 5 feet thick, of silty sand and lean clay, overlying poorly-graded sand with silt to the total depth of the borings (10 to 25 feet bgs). At GP4, located near Starkweather Creek, organic soil overlies poorly graded sand with silt, which overlies lean clay to a total depth of about 10 feet bgs.

Soils encountered in the borings GP7 through GP11 and GP13, installed in the Central Mine Area of the Subject Property are fill soils to depths ranging from 15.5 to 29 feet bgs. The borings were generally terminated in fill soils because of refusal on concrete or other obstacles. The fill soils include layers of sand, silty sand, silt, and clay, of variable and intermixed colors and textures, and include some asphalt, concrete, and cinders.

Groundwater was not reached in any of the borings installed in the Central Mine Area because of refusal at shallower depths. One boring, GP12, was installed adjacent the Central Mine Area in order to collect a groundwater sample downgradient of that area. The soils encountered at GP12 are native soils, (poorly graded sand with silt) from about 5 feet bgs to the total depth of the boring at 30 feet bgs.

## 2.3 SOIL ANALYTICAL RESULTS

Soil samples were laboratory analyzed for VOCs, total metals (generally arsenic, chromium, cadmium, and lead), and PAHs. Soil results are compared with Wisconsin Administrative Code NR 720 residual contaminant levels (RCLs), which are listed in **Table 1** for VOCs, **Table 2** for PAHs, and **Table 3** for metals. **Table 3** also lists background threshold values (BTVs) established for some metals. The non-industrial direct-contact RCLs are applicable to the Subject Property because of the current non-industrial use and the potential redevelopment of the Subject Property for commercial and residential use.

### 2.3.1 VOCs in Soil

Analytical results for VOCs are summarized in **Table 1**.

One soil sample was analyzed for VOCs because there were no indicators of possible VOC contamination such as odor or elevated PID readings observed at most sampling locations. The one sample analyzed was from GP3. The sample was collected at a depth of 5 to 6 feet bgs in the area of the former diesel aboveground storage tank (AST). No VOCs were detected in the sample.



### 2.3.2 PAHs in Soil

Analytical results for PAHs are summarized in **Table 2**.

PAHs were detected in all of the soil samples collected in the Central Mine Area. PAH concentrations were greater than the industrial direct contact RCLs in samples from five of the six boreholes locations at various depths from the Central Mine Area.

### 2.3.3 Metals in Soil

Analytical results for metals are summarized in **Table 3**.

Results indicate concentrations of arsenic greater than the groundwater pathway and industrial direct contact RCL in almost all of the samples, but two arsenic concentrations (GP7, 22.5 to 25 feet; GP9, 23 to 25 feet) are greater than the BTV. Total chromium was detected in almost all of the soil samples at concentration lower than the RCLs and BTV. Lead was detected in several samples at concentrations greater than the groundwater pathway RCL, but only one concentration (GP7, 22.5 to 25 feet) was greater than the BTV.

## 2.4 GROUNDWATER ANALYTICAL RESULTS

Groundwater samples collected at various locations on the site were submitted for laboratory analysis of VOCs. Groundwater VOC results are summarized in **Table 4**, and compared with Wisconsin Administrative Code NR 140 enforcement standards and preventive action limits (PALs).

No VOCs were detected in the groundwater samples at concentrations that exceed a groundwater standard. The only VOC detected was a very low, or very low estimated concentration of toluene in several samples. The toluene detections are likely related to field sampling methods.

## 3.0 2018 SITE INVESTIGATION ACTIVITIES

Following is a summary of 2018 Phase 2 site investigation activities and findings. Sampling locations are shown on **Figure 2** in black lettering.

### 3.1 GROUNDWATER DEPTH

Groundwater samples were collected from temporary boreholes GP2 and GP9. These two locations were selected based on their location in the former pond area and are near the northeast corner of the property where the previous detections of chlorinated compounds were identified on the adjoining property owned by the City of Madison. Both groundwater samples were sediment-laden due to the nature of the sampling technique. The depth to groundwater at GP2 was approximately 32 feet bgs.

### 3.2 SOILS ENCOUNTERED

Fill material was encountered at most of the boring locations extending from the ground surface to depths of at least 15 feet and in some cases more than 29 feet in the former pond area, and depths of 3 to 8 feet west of the existing pond. Fill soil types varied and included lean clay, poorly graded sand, and silty and clay sand. The fill materials generally overlay a native peaty and/or organic soil layer over a sand and gravel. Some fill layers were observed to contain black sand and trace angular

gravel (potential cinders). The PID field screening results generally very low. Soil samples were tested for metals, PAHs, and VOCs.

On October 17 and 18, 2018, SCS oversaw a test pit investigation on the Property (**Figure 2**). Test pits were focused on three areas of filled soil: the eastern edge of the filled former quarry pond, the soil piles along the western property boundary, and soil piles southwest of the existing pond. An SCS geologist supervised the test pit investigation, logged each test pit location, described the soils encountered, and collected soil samples for laboratory analysis. All soil samples were field-screened with a PID. At least one soil sample was collected for analysis from each test pit.

Soils encountered in the test pits were similar to the boring logs with additional debris observed: plastic bags, cinders and slag, metal debris, PVC tubing, organic fibers, landscape fabric, concrete slabs, and large boulders. PID field screening results did not exceed background levels.

### **3.3 SOIL ANALYTICAL RESULTS**

Sixteen soil samples were collected from the geoprobe boreholes and 19 soil samples were collected from the test pits for laboratory analysis. Soil analytical results are summarized in Table 1 through Table 3 (**Appendix A**), which include NR 720 RCLs and BTVs.

#### **3.3.1 Metals in Soil**

The laboratory results identified metals in soil at most of the boring and test pit sample locations. Arsenic was detected above the NR 720 groundwater pathway RCL at all borings and test pit locations; however, most of the arsenic results were reported as estimated concentrations and/or were below the arsenic BTV. Some barium and cadmium soil concentrations were identified at levels greater than the NR 720 groundwater pathway RCLs but did not exceed the BTVs. Lead was reported in five samples at concentrations greater than the groundwater pathway RCL, though only two of those lead concentrations were greater than the BTV. Three selenium soil results were greater than the NR 720 groundwater pathway RCL, but two were estimated concentrations and there is no established BTV for selenium. Other metals were detected in the soil samples below RCLs and BTVs.

#### **3.3.2 PAHs in Soil**

The laboratory results identified PAHs in soil at many of the boring and test pit sample locations. The following PAHs were reported at concentrations greater than the NR 720 groundwater pathway and non-industrial direct contact RCLs:

- Benzo(a)anthracene
- Benzo(b)fluoranthene
- Benzo(a)pyrene
- Chrysene
- Dibenz(a,h)anthracene

#### **3.3.3 VOCs in Soil**

The laboratory results identified only methylene chloride in the VOC analysis. The methylene chloride concentrations are likely laboratory remnants and are not considered a concern. No other VOCs were detected in the boring or test pit soil samples.

### 3.4 GROUNDWATER ANALYTICAL RESULTS

Groundwater samples were collected at boring locations GP-2 and GP-9 analyzed for metals, PAHs, and VOCs analysis. Groundwater analytical results are summarized and compared to NR 140 groundwater quality standards in Tables 4 through 6 (**Appendix A**). Due to the sediment-laden nature of the samples collected from undeveloped boreholes, results should be confirmed with repeated sampling and analysis before determining that these concentrations are accurate.

The groundwater results identified three VOCs in GP2, one of which was at a concentration greater than the NR 140 PAL. At GP2, benzene was reported at an estimated concentration greater than the NR 140 PAL. Since the concentration is estimated, the result should not be considered an exceedance of the NR 140 PAL. Toluene and chloromethane were also reported at estimated concentrations in GP2 but were below the NR 140 water quality standards. No VOCs were detected at the second groundwater sample, at GP-9.

### 3.5 FINDINGS AND CONCLUSIONS

The 2018 and 2022 Phase II ESA investigations were completed to assess the potential impacts of fill materials placed on the property from unknown sources, and to assess whether groundwater impacts may be present related to that fill.

- Extensive areas of the Subject Property have been backfilled with soils that contain metals and PAHs about NR 720 RCLs. Testing has not been conducted in all the areas of the site where fill soils are present.
- Field observations identified the presence of cinders and solid waste in the fill soils at varying depths consistent with filling over time.
- Fill soils that are excavated for redevelopment purposes will likely require landfill disposal or special handling if reused on-site.
- Only minor groundwater impacts have been identified. The impacts are in the backfilled pond area.
- Laboratory analytical results identified the presence of metals, and PAHs at concentrations greater than their RCLs, and VOCs in groundwater at the Subject Property. These results should be reported to WDNR in accordance with the Wisconsin Spills Law.

### 4.0 RECOMMENDATIONS

We recommend evaluating the investigation results obtained to date with respect to redevelopment options, the need for testing in additional areas of the site, and potential costs associated with environmental impacts.

Our findings identify contamination in soil and groundwater at the Subject Property. Based on the Wisconsin Spills Law, the property owner has a responsibility to immediately notify the WDNR with these findings.

## Tables

- 1 Soil Analytical Results Summary – VOCs
- 2 Soil Analytical Results Summary – PAHs
- 3 Soil Analytical Results Summary – Metals
- 4 Groundwater Analytical Results Summary – VOCs

**Table 1. Soil Analytical Results Summary - VOCs**  
**Voit Farm - Madison, Wisconsin / SCS Engineers Project #25222051.00**  
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4- & 1,3,5-TMB Combined	MTBE	Naphthalene	Other VOCs
GP-3	3/28/2022	5-6	--	<15.7	<15.7	<16.6	<47.6	<40.8	<19.4	<20.6	ND
NR 720 Groundwater Pathway RCLs with a Wisconsin-Default Dilution Factor of 2				5.1	1,570	1,107.2	3,960	1,378.7	27	658.2	
NR 720 Non-Industrial Direct Contact RCLs				1,600	8,020	818,000	260,000	NE	63,800	5,520	
NR 720 Industrial Direct Contact RCLs				7,070	35,400	818,000	260,000	NE	282,000	24,100	
CAS No.				71-43-2	100-41-4	108-88-3	1330-20-7	--	1634-04-4	91-20-3	

Abbreviations:

µg/kg = micrograms per kilogram or parts per billion (ppb)

CAS No. = Chemical Abstracts Service Number

-- = Not Applicable

MTBE = Methyl-tert-butyl ether

TMB = Trimethylbenzene

RCLs = Residual Contaminant Levels

VOCs = Volatile Organic Compounds

ND = Not Detected

NE = No Standard Established

Notes:

**Bold+underlined** values exceed an NR 720 RCL, as of December 2018.

(a) NR 720 Groundwater Pathway RCLs for 1,2,4 and 1,3,5 Trimethylbenzene Combined = 1,378.7

Laboratory Notes/Qualifiers:

None.

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**Table 2. Soil Analytical Results Summary - PAHs**  
**Voit Farm - Madison, Wisconsin / SCS Engineers Project #25222051.00**  
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(ghi)perylene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
GP-7	3/28/2022	10-12.5	--	7.4 J	9.9 J	25.5	79.2	172	69.9	<b>118</b>	77.0	131	12.7 J	112	8.8 J	37.5	162	230	131	103	178
	3/28/2022	17.5-20	--	<2.6	2.8 J	7.1 J	24.1	33.4	16.3 J	24.7	14.2 J	24.6	4.0 J	47.5	2.6 J	11.7 J	<2.9	<2.9	3.3 J	19.5 J	43.5
	3/28/2022	22.5-25	--	470	209 J	1,820	<b>3,660</b>	<b>4,800</b>	1,820	<b>3,200</b>	920	<b>3,650</b>	<b>336</b> J	8,550	678	959	147 J	207 J	350 J	6,060	6,570
GP-8R	3/29/2022	4-5	--	28.0 J	11.6 J	126	390	464	220	<b>387</b>	204	<b>403</b>	60.3 J	882	30.8 J	183	<11.6	<11.6	8.8 J	385	752
	3/29/2022	9-10	--	199 J	<46.1	788	<b>1,580</b>	<b>2,110</b>	878	<b>1,790</b>	926	<b>1,650</b>	<b>255</b> J	3,660	378	928	<53.5	59.2 J	139 J	2,590	2,670
	3/29/2022	13-14	--	1,260 M1	106 J, M1	3,180 M1	<b>4,810</b> M1	<b>5,800</b> M1	2,230 M1	<b>4,300</b> M1	2,520 M1	<b>4,800</b> M1	<b>681</b> M1	13,100 M1	1,790 M1	<b>2,270</b> M1	168 J, M1	108 J, M1	231 J, M1	9,390 M1	9,810 M1
GP-9	3/29/2022	7-8	--	<2.4	<2.3	<2.3	8.9 J	15.3 J	6.7 J	9.9 J	9.9 J	10.7 J	<2.5	17.0 J	<2.2	7.1 J	<2.7	<2.7	<1.8	5.6 J	13.4 J
	3/29/2022	18-20	--	<3.0	<2.9	7.5 J	41.5	63.9	24.6	44.3	33.6	47.4	9.0 J	92.8	2.7 J	27.4	<3.3	<3.3	2.9 J	29.4	71.0
	3/29/2022	23-25	--	<59.9	<58.2	202 J	887	<b>1,220</b>	475	<b>999</b>	682	<b>1,130</b>	<b>154</b> J	2,220	69.5 J	546	<67.4	<67.5	<45.0	877	1,720
GP-10	3/28/2022	7.5-10	--	2.6 J	2.5 J	13.6 J	37.6	54.8	25.5	41.8	29.0	40.8	8.0 J	90.9	4.0 J	24.7	3.1 J	3.8 J	3.9 J	42.2	74.5
	3/28/2022	12.5-15	--	15.5 J	23.6 J	82.9	266	358	147	<b>262</b>	150	<b>273</b>	38.2 J	599	25.6 J	134	<11.0	11.0 J	13.2 J	265	535
	3/28/2022	19-20	--	13.1 J	42.6 J	41.2 J	109	172	68.7 J	<b>174</b>	179	<b>191</b>	25.3 J	144	24.2 J	64.0 J	13.1 J	15.3 J	<7.6	122	344
GP-11	3/29/2022	4-5	--	3.7 J	7.8 J	18.6 J	78.2	136	48.0	94.5	77.6	105	18.8 J	184	4.9 J	51.0	<3.1	3.1 J	4.6 J	60.2	150
	3/29/2022	13-15	--	5.3 J	6.4 J	25.0	90.0	151	56.8	105	54.3	115	14.1 J	202	6.9 J	40.2	4.1 J	5.8 J	7.0 J	94.7	169
	3/29/2022	18-20	--	3.8 J	13.9 J	15.6 J	86.7	126	67.6	97.2	63.9	104	17.0 J	150	7.7 J	53.2	3.4 J	3.7 J	5.6 J	49.7	132
GP-13	3/29/2022	2.5-5	--	<5.0	<4.8	21.9 J	173	440	172	<b>274</b>	164	<b>242</b>	44.7	421	7.9 J	155	<5.6	<5.6	4.7 J	111	351
	3/29/2022	7.5-10	--	<2.8	3.4 J	8.2 J	44.7	69.7	24.6	46.3	37.8	49.6	8.5 J	93.5	3.0 J	30.8	<3.1	<3.1	8.0 J	40.2	80.2
	3/29/2022	10-12.5	--	<2.4	<2.4	3.2 J	17.9 J	24.5	12.4 J	19.7	9.5 J	19.6	<2.6	21.5	<2.3	7.6 J	<2.7	<2.7	2.7 J	6.4 J	24.2
NR 720 Groundwater Pathway RCLs with a Wisconsin-Default Dilution Factor of 2				NE	NE	196,949.2	NE	478.1	NE	470	NE	144.2	NE	88,877.8	14,829.9	NE	NE	NE	658.2	NE	54,545.5
NR 720 Non-Industrial Direct Contact RCLs				3,590,000	NE	17,900,000	1,140	1,150	11,500	115	NE	115,000	115	2,390,000	2,390,000	1,150	17,600	239,000	5,520	NE	1,790,000
NR 720 Industrial Direct Contact RCLs				45,200,000	NE	100,000,000	20,800	21,100	211,000	2,110	NE	2,110,000	2,110	30,100,000	30,100,000	21,100	72,700	3,010,000	24,100	NE	22,600,000
CAS No.				83-32-9	208-96-8	120-12-7	56-55-3	205-99-2	207-08-9	50-32-8	191-24-2	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	90-12-0	91-57-6	91-20-3	85-01-8	129-00-0

Abbreviations:

µg/kg = micrograms per kilogram or parts per billion (ppb)  
 PAHs = Polynuclear Aromatic Hydrocarbons

-- = Not Applicable  
 RCLs = Residual Contaminant Levels

NE = No Standard Established  
 WDNR = Wisconsin Department of Natural Resources

CAS No. = Chemical Abstracts Service Number

Notes:

**Bold+underlined** values meet or exceed an NR 720 RCL, as of December 2018.

Laboratory Notes/Qualifiers:

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).  
 M1 = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Created by: JSN Date: 4/11/2022  
 Last revision by: JSN Date: 4/11/2022  
 Checked by: REO Date: 4/12/2022  
 Proj Mgr QA/QC: BJS Date: 4/27/2022

I:\25222051.00\Deliverables\Ph2 Voit\Ph2 Rept\Tables\[Table 2\_Soil\_PAHs.xlsx]Soil PAHs

**Table 3. Soil Analytical Results Summary - Metals**  
**Voit Farm - Madison, Wisconsin / SCS Engineers Project #25222051.00**  
 (Results are in mg/kg unless otherwise noted)

Sample	Date	Depth (feet)	Lab Notes	Arsenic	Barium	Cadmium	Chromium (Total)	Lead	Mercury	Selenium	Silver
GP-7	3/28/2022	10-12.5	--	<b>4.1</b>	58.7	0.29 J	16.2	<b>36.2</b>	0.061	<1.5	<0.34
	3/28/2022	17.5-20	--	<b>5.6</b>	130	0.29 J	20.9	14.9	0.033 J	<1.5	<0.35
	3/28/2022	22.5-25	--	<b>9.2</b>	139	0.43 J	28.3	<b>57.0</b>	0.058	<1.5	0.47 J
GP-8R	3/29/2022	4-5	--	<b>5.9</b>	146	0.22 J	23.1	12.9	0.034 J	<1.5	<0.36
	3/29/2022	9-10	--	<b>5.0</b>	70.3	0.33 J	17.3	14.7	0.022 J	<1.3	<0.32
	3/29/2022	13-14	--	<1.6	14.2	0.15 J	3.9	5.2	0.018 J	<1.4	<0.34
GP-9	3/29/2022	7-8	--	<b>2.0 J</b>	26.4	0.18 J	7.4	4.4	<0.010	<1.4	<0.33
	3/29/2022	18-20	--	<3.7	323	0.88 J	34.0	17.5	0.094	<3.3	<0.77
	3/29/2022	23-25	--	<b>10.3</b>	69.0	0.53 J	14.2	13.1	0.038 J	<1.7	<0.41
GP-10	3/28/2022	7.5-10	--	<b>4.1</b>	58.6	0.28 J	16.0	13.9	0.011 J	<1.4	<0.33
	3/28/2022	12.5-15	--	<b>6.8</b>	92.5	0.32 J	16.3	22.2	0.032 J	<1.5	<0.34
	3/28/2022	19-20	--	<b>5.4</b>	121	0.30 J	18.6	13.2	0.018 J	<1.5	<0.34
GP-11	3/29/2022	4-5	--	<b>4.4</b>	119	0.47 J	21.4	<b>38.0</b>	0.026 J	<1.7	0.41 J
	3/29/2022	13-15	--	<b>3.5</b>	63.1	0.26 J	15.6	8.3	0.012 J	<1.4	<0.33
	3/29/2022	18-20	--	<b>5.9</b>	110	0.44 J	25.5	26.5	0.044	<1.6	0.40 J
GP-13	3/29/2022	2.5-5	--	<b>7.6</b>	100	0.38 J	25.8	14.6	0.046	<1.5	<0.34
	3/29/2022	7.5-10	--	<b>6.8</b>	136	0.49 J	27.5	<b>45.8</b>	0.067	<1.6	0.47 J
	3/29/2022	10-12.5	--	<b>1.6 J</b>	9.7	0.41 J	4.5	5.1	0.012 J	<1.4	<0.33
NR 720 Groundwater Pathway RCLs with a Wisconsin-Default Dilution Factor of 2				0.584	164.8	0.752	360,000	27	0.208	0.52	0.8491
NR 720 Non-Industrial Not-To-Exceed Direct Contact RCLs				0.613	15,300	70	NE	400	3.13	391	391
NR 720 Industrial Direct Contact RCLs				3	100,000	985	NE	800	3.13	5,110	5,110
Background Threshold Value				8	364	1	44	52	NE	NE	NE
CAS No.				7440-38-2	7440-39-3	7440-43-9	7440-47-3	7439-92-1	7439-97-6	7782-49-2	7440-22-4

**Abbreviations:**

mg/kg - milligrams per kilogram or parts per million (ppm)      RCLs = Residual Contaminant      NA = Not Analyzed  
 CAS No. = Chemical Abstracts Service Number                      -- = Not Applicable                      NE = No Standard Established

**Notes:**

**Bold+underlined** values exceed NR 720 RCLs, as of December 2018.

<sup>1</sup> Chromium Direct Contact Standards:                      III Non-Industrial Direct Contact RCL = 100,000 mg/kg; Industrial Direct Contact RCL = 100,000 mg/kg  
    VI Non-Industrial Direct Contact RCL = 0.301 mg/kg; Industrial Direct Contact RCL = 6.36 mg/kg

Background threshold values are non-outlier trace element maximum levels in Wisconsin surface soils from the USGS Report at: <http://pubs.usgs.gov/sir/2011/5202>, as listed in the WDNR RR Program's RCL spreadsheet at: <http://dnr.wi.gov/topic/Brownfields/professionals.html>.

**Laboratory Notes/Qualifiers:**

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).

Created by:                      JSN                      Date: 4/11/2022  
 Last revision by:              JSN                      Date: 4/12/2022  
 Checked by:                      REO                      Date: 4/12/2022  
 Proj Mgr QA/QC:               BJS                      Date: 4/27/2022

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**Table 4. Groundwater Analytical Results Summary - VOCs**  
**Voit Farm - Madison, Wisconsin / SCS Engineers Project #25222051.00**  
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	Other VOCs
GP-1	3/28/2022	(1)	<0.30	<0.33	<0.29	<1.05	<0.81	<1.1	<1.1	ND
GP-2	3/28/2022	(1)	<0.30	<0.33	<b>0.36 J</b>	<1.05	<0.81	<1.1	<1.1	ND
GP-3	3/28/2022	(1)	<0.30	<0.33	<b>0.40 J</b>	<1.05	<0.81	<1.1	<1.1	ND
GP-4	3/28/2022	(1)	<0.30	<0.33	<0.29	<1.05	<0.81	<1.1	<1.1	ND
GP-5	3/28/2022	(1)	<0.30	<0.33	<b>0.37 J</b>	<1.05	<0.81	<1.1	<1.1	ND
GP-6	3/28/2022	(2)	<0.30	<0.33	<b>0.41 J</b>	<1.05	<0.81	<1.1	<1.1	ND
GP-9	3/29/2022	(1)	<0.30	<0.33	<b>0.88 J</b>	<1.05	<0.81	<1.1	<1.1	ND
GP-11	3/29/2022	(1)	<0.30	<0.33	<b>1.1</b>	<1.05	<0.81	<1.1	<1.1	ND
GP-12	3/29/2022	(2)	<0.30	<0.33	<b>0.42 J</b>	<1.05	<0.81	<1.1	<1.1	ND
Trip Blank	3/29/2022	(2)	<0.30	<0.33	<0.29	<1.05	<0.81	<1.1	<1.1	ND
NR 140 Enforcement Standards (ESs)			5	700	800	2,000	480	60	100	
NR 140 Preventive Action Limits (PALs)			0.5	140	160	400	96	12	10	

Abbreviations:

µg/L = micrograms per liter or parts per billion (ppb)      TMBs = 1,2,4- and 1,3,5-trimethylbenzenes      MTBE = Methyl tert-butyl ether  
 NA = Not Analyzed      ND = Not Detected      VOCs = Volatile Organic Compounds  
 (Dup) = Duplicate Sample      -- = Not Applicable      NE = No Standard Established

Notes:

NR 140 ESs - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from June 2021.  
 NR 140 PALs - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from June 2021.

**Bold+underlined** values meet or exceed NR 140 ESs.

*Italic+underlined* values meet or exceed NR 140 PALs.

Laboratory Notes/Qualifiers:

J = Estimated concentration at or above the limit of detection and below the limit of quantitation.

- (1) Carbon tetrachloride - L1 = Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high. Surrogates: 4-Bromofluorobenzene (S) - Post-analysis pH measurement indicates insufficient VOA sample preservation.
- (2) Carbon tetrachloride - L1 = Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

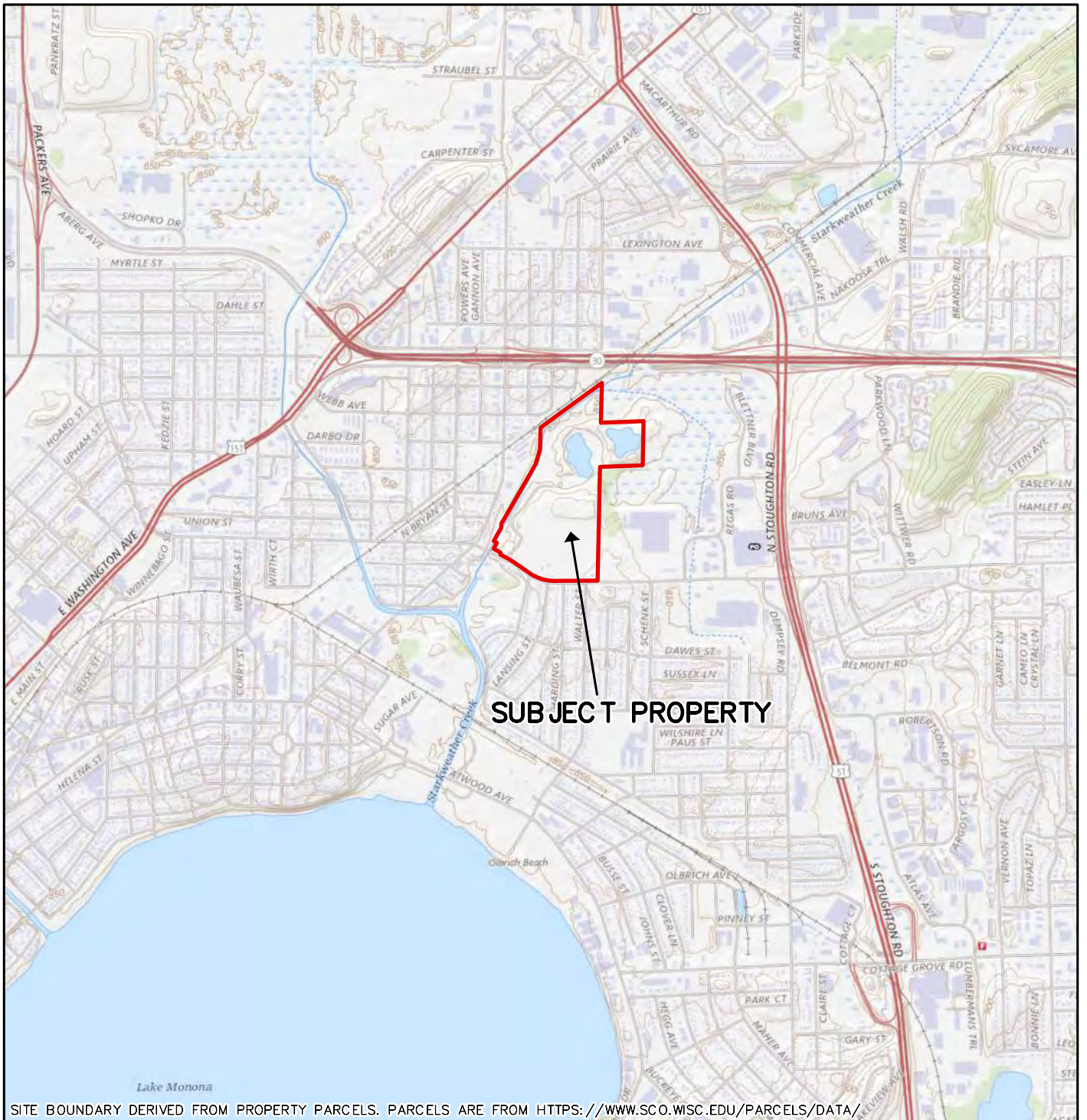
Created by:	<u>JSN</u>	Date:	<u>4/11/2022</u>
Last revision by:	<u>JSN</u>	Date:	<u>4/11/2022</u>
Checked by:	<u>REO</u>	Date:	<u>4/12/2022</u>
Proj Mgr QA/QC:	<u>BJS</u>	Date:	<u>4/24/2022</u>

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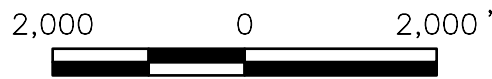


## Figures

- 1 Subject Property Location
- 2 Site Plan (2020 Aerial Photograph)





USGS THE NATIONAL MAP  
AUGUST 2021

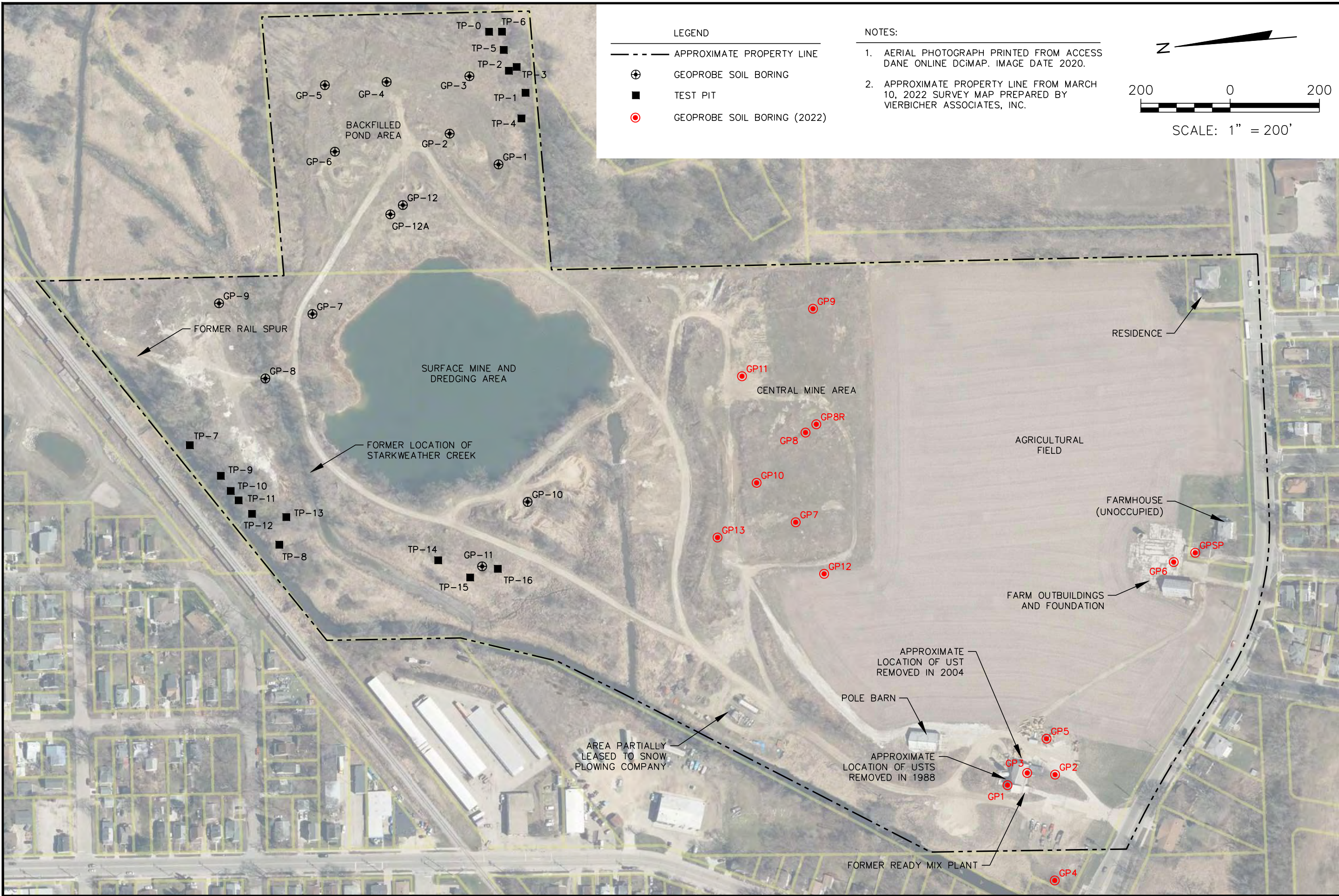


SCALE: 1" = 2,000'



CLIENT	 <b>STONE HOUSE DEVELOPMENT, INC.</b> STONE HOUSE DEVELOPMENT, INC. 1010 EAST WASHINGTON AVENUE MADISON, WI 53703	SITE	VOIT FARM PROPERTY 3420-3510 MILWAUKEE STREET MADISON, WI 53704		SUBJECT PROPERTY LOCATION
			PROJECT NO.	25222051.00	
	DRAWN:	02/02/2022	CHECKED BY:	JR	 <b>SCS ENGINEERS</b> 2830 DAIRY DRIVE, MADISON, WI 53718-6751 PHONE: (608) 224-2830
	REVISED:	02/02/2022	APPROVED BY:	BJS 4/27/2022	

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**LEGEND**

- APPROXIMATE PROPERTY LINE
- ⊕ GEOPROBE SOIL BORING
- TEST PIT
- GEOPROBE SOIL BORING (2022)

**NOTES:**

- AERIAL PHOTOGRAPH PRINTED FROM ACCESS DANE ONLINE DCIMAP. IMAGE DATE 2020.
- APPROXIMATE PROPERTY LINE FROM MARCH 10, 2022 SURVEY MAP PREPARED BY VIERBICHER ASSOCIATES, INC.

**SCALE: 1" = 200'**

200 0 200

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CLIENT	PROJECT NO:	25222051.00	SITE	ENGINEER:	ENGINEER	FIGURE	2
	DRAWN:	04/20/2022		DRAWN BY:	KP		CHECKED BY:
PROJECT NO:	25222051.00	DRAWN BY:	KP	CHECKED BY:	BJS	APPROVED BY:	BJS 4/27/2022
DRAWN:	04/20/2022	CHECKED BY:	BJS	APPROVED BY:	BJS 4/27/2022	<b>SCS ENGINEERS</b> 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	
REVISD:	04/25/2022	APPROVED BY:	BJS 4/27/2022	VOIT FARM PROPERTY 3420 - 3510 MILWAUKEE STREET MADISON, WISCONSIN			
SITE PLAN (2020 AERIAL PHOTOGRAPH)							
STONE HOUSE DEVELOPMENT, INC. 1010 EAST WASHINGTON AVENUE MADISON, WI 53703							

# Appendix A

## 2018 Phase 2 ESA Report

November 15, 2018  
File No. 25218096.00

Ms. Brynn Bemis  
City of Madison Engineering Division  
210 Martin Luther King Jr. Blvd., Room 115  
Madison, WI 53703

Subject: Phase II Environmental Site Assessment Report  
E C Voit & Sons and Voit Land LLC Property  
3450 Milwaukee Street  
Town of Blooming Grove, Dane County, Wisconsin

Dear Ms. Bemis:

SCS Engineers (SCS) completed a Phase II Environmental Site Assessment (ESA) for the E C Voit & Sons property and part of the Voit Land LLC property located at 3450 Milwaukee Street in the Town of Blooming Grove, Dane County, Wisconsin (**Figure 1**).

SCS completed a Phase I ESA for the E C Voit & Sons property and part of the Voit Land LLC property on June 28, 2018. SCS identified two recognized environmental conditions (RECs) at the Property:

- Disposal of potentially contaminated material on the Property, and
- Detected contaminants in the groundwater near the Property.

Field activities during the Phase II investigation targeted areas of the Property where fill from unknown sources was placed to assess the materials present. Both Geoprobe® (geoprobe) borings and test pits were installed to evaluate the evolution of the Property site conditions. **Figures 2** through **4** outline the progression of the Property from existing conditions in 2015, 2010, and 2000. A second quarry pond was present northeast of the current pond as recently as 2000 (**Figure 4**). The pond was filled in with fill material from unknown sources.

### Phase II Investigation Activities

Sample locations are plotted on **Figures 2** through **4** to show the locations relative to historical site features. Twelve geoprobe borings were advanced on the Property on September 26 and 27, 2018, primarily to investigate potential contaminant concerns in the historical pond area. Additional borings were advanced southeast and west of the existing pond related to potential fill materials (**Figure 2**). Geoprobe services were provided by On-site Environmental Services Inc., of Sun Prairie, Wisconsin. Mr. Tony Kollasch and Mr. Nate Harms of SCS supervised geoprobe activities, logged each boring, described the soils encountered, and collected soil and groundwater samples for laboratory analysis. All soil samples were field-screened with a photoionization detector (PID) calibrated to 100 parts per million (ppm) isobutylene. The borings logs (with soil descriptions and PID readings) are provided in **Attachment A**. One or two soil samples were collected for laboratory analysis from each borehole.

Fill material was encountered at most of the boring locations extending from the ground surface to depths of at least 15 feet and in some cases more than 29 feet in the former pond area, and depths



of 3 to 8 feet west of the existing pond. Fill soil types varied and included lean clay, poorly graded sand, and silty and clay sand. The fill materials generally overlay a native peaty and/or organic soil layer over a sand and gravel (**Attachment A**). Some fill layers were observed to contain black sand and trace angular gravel (potential cinders). The PID field screening results generally ranged from 0.5 to 3.5 instrument units (IUs) with an elevated measurement of 9.1 IUs at GP7-S1. All borings were abandoned with bentonite chips according to Wisconsin Department of Natural Resources (WDNR) code NR 141, and the abandonment forms are provided in **Attachment A**. Soil samples were submitted to Pace Analytical for testing of Resource and Conservation Recovery Act (RCRA) metals, polycyclic aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs).

Groundwater samples were collected from temporary boreholes GP2 and GP9. These two locations were selected based on their location in the former pond area and are near the northeast corner of the property where the previous detections of chlorinated compounds were identified on the adjoining Property. Both groundwater samples were sediment-laden due to the nature of the sampling technique.

On October 17 and 18, 2018, SCS oversaw a test pit investigation on the Property (**Figure 2**). Test pits were focused on three areas of filled soil: the eastern edge of the filled former quarry pond, the soil piles along the western property boundary, and soil piles southwest of the existing pond. Schaper Excavation and Petroleum LLC of Portage, Wisconsin, provided test pit excavation services. Mr. Nate Harms of SCS supervised the test pit investigation, logged each test pit location, described the soils encountered, and collected soil samples for laboratory analysis. All soil samples were field-screened with a PID. At least one soil sample was collected for analysis from each test pit. Additional soil volumes were collected from each test pit and transferred to the City of Madison for cold storage in case additional testing is desired. The test pit logs are presented in **Attachment A**.

Soils encountered in the test pits were similar to the boring logs with additional debris observed: plastic bags, cinders and slag, metal debris, PVC tubing, organic fibers, landscape fabric, concrete slabs, and large boulders (**Attachment A**). PID field screening results did not exceed background levels.

## Laboratory Analytical Results

Laboratory analytical reports are included in **Attachment B**.

### Soil

Sixteen soil samples were collected from the geoprobe boreholes and 19 soil samples were collected from the test pits for laboratory analysis. Soil analytical results are summarized in **Table 1** through **Table 3**, which include NR 720 residual contaminant levels (RCLs) and background threshold values (BTVs).

The laboratory results identified metals in soil at most of the boring and test pit sample locations, as summarized in **Table 1**. Arsenic results were detected above the NR 720 Groundwater Pathway Residual Contaminant Level (RCL) at all borings and test pit locations; however, most of the arsenic results were reported as estimated concentrations and/or were below the arsenic BTV, with the exception of three arsenic results at GP-4, GP-9, and TP-8. Some barium and cadmium soil concentrations were identified at levels greater than the NR 720 Groundwater Pathway RCLs but did not exceed the Wisconsin BTVs. Lead was reported in five samples at concentrations greater than

the groundwater pathway RCL, though only two of those lead concentrations were greater than the BTV. Three selenium soil results were greater than the NR 720 groundwater pathway RCL, but two were estimated concentrations and there is no established BTV for selenium. Other metals were detected in the soil samples below RCLs and BTVs.

The laboratory results identified PAHs in soil at many of the boring and test pit sample locations, as summarized in **Table 2**. The following PAHs were reported at concentrations greater than the NR 720 groundwater pathway and non-industrial direct contact RCLs:

- Benzo(a)anthracene
- Benzo(b)fluoranthene
- Benzo(a)pyrene
- Chrysene
- Dibenz(a,h)anthracene

Cumulative carcinogenic PAH (cPAH) standards were evaluated for each soil sample per NR 722 guidelines using the cPAH Evaluator Worksheet. The calculated cumulative cPAH cancer risk levels for each sample are summarized in **Table 2**. The calculation summaries are included in **Attachment C**. Seven of the cumulative cPAH cancer risk values exceed the  $5 \times 10^{-6}$  value identified in NR 722. Six of those values are for samples where at least one PAH compound concentration is also greater than the individual compound RCL. The one other cumulative result that is greater than the cPAH risk level is for TP11, where none of the individual PAH compound concentrations exceed an RCL, but eight of the 13 detected concentrations are estimated. Since these are estimated concentrations (not exact concentrations), and the value is just greater than the target value ( $5.1 \times 10^{-6}$ ), the cumulative result may or may not be significant or an ongoing concern.

We note that two VOCs (1,2-dibromo-3-chloropropane, and 1,2,3-trichloropropane) were not detected in any of the samples tested at the laboratory. However, based on the calculation method of including the reporting limit as the concentration in the cumulative calculation, and the extremely low cancer risk for each of these compounds, the calculator flagged each of these two VOCs as exceedances with cancer risk. Since these compounds were not detected in any of the samples, these compounds may not be a significant regulatory concern.

The laboratory results identified only methylene chloride in the VOC analysis. Methylene chloride was detected at nearly all the boring locations, and in one test pit location, TP-0. The soil VOC results are summarized in **Table 3**. Detected methylene chloride results exceed the NR 720 groundwater pathway RCL, though most were reported at estimated concentrations. In addition, the laboratory identified methylene chloride in the laboratory blank. The methylene chloride concentrations are likely laboratory remnants and are not considered a concern. No other VOCs were detected in the boring or test pit soil samples.

## Groundwater

Groundwater grab samples were collected at boring locations GP-2 and GP-9 and submitted to Pace Analytical for metals, PAHs, and VOCs analysis. Groundwater analytical results are summarized and compared to NR 140 groundwater quality standards in **Tables 4** through **6**. Due to the sediment-laden nature of the samples collected from undeveloped boreholes, results should be confirmed with repeated sampling and analysis before determining that these concentrations are accurate.

Arsenic and barium were detected in both groundwater samples. No other metals were detected in either groundwater sample. The results are summarized in **Table 4**. Arsenic was reported at estimated concentrations above the NR 140 enforcement standard (ES) in both samples. Since the reported concentrations are estimates, they are not considered to exceed the ES. Reported barium concentrations were less than the NR 140 water quality standards. No other metals analyzed were detected.

The groundwater results identified low concentrations of PAHs in both samples, summarized in **Table 5**. Concentrations of three PAHs were detected in both samples above the NR 140 ES: benzo(a)pyrene, benzo(b)fluoranthene, and chrysene. Although these concentrations are greater than the ES, due to the sediment-laden nature of the samples collected from undeveloped boreholes, these results should be confirmed with samples collected from properly developed monitoring wells before determining that these concentrations are representative of groundwater contamination. Other detected PAH concentrations were reported below the NR 140 water quality standards.

The groundwater results identified three VOCs in GP2, one of which was at a concentration greater than the NR 140 preventive action limit (PAL), as summarized in **Table 6**. At GP2, benzene was reported at an estimated concentration greater than the NR 140 PAL. Since the concentration is estimated, the result should not be considered an exceedance of the NR 140 PAL. Toluene and chloromethane were also reported at estimated concentrations in GP2 but were below the NR 140 water quality standards. No VOCs were detected at the second groundwater sample, at GP-9.

## Conclusions and Recommendations

The Phase II ESA investigation was completed to assess the potential impacts of fill materials placed on the property from unknown sources, and to assess whether groundwater impacts may be present related to that fill. Field observations identified the presence of limited quantities of cinders and solid waste in the fill. Laboratory analytical results identified the presence of metals, PAHs, and VOCs in soil and groundwater at the Property. Metals and PAHs were detected in soil at concentrations greater than their RCLs, and these results should be reported to WDNR in accordance with the Wisconsin Spills Law. Lab analyses of sediment-laden groundwater samples detected concentrations greater than standards; however, we recommend additional testing to verify that the detected contaminants are present in groundwater and not sorbed onto sediment. Taken as a whole, WDNR may consider the detected concentrations of contaminants in soil and groundwater to be *deminimis*, or may request additional investigation.

Please call us at 608-224-2830 with any questions regarding the Phase II ESA Report.

Sincerely,



Nicole Kron  
Hydrogeologist  
SCS Engineers



Tony Kollasch  
Project Manager  
SCS Engineers

NDK/jsn\_lmh/RT



- Encl. Table 1 – Soil Analytical Results Summary – Metals  
Table 2 – Soil Analytical Results Summary – PAHs  
Table 3 – Soil Analytical Results Summary – VOCs  
Table 4 – Groundwater Analytical Results Summary – Metals  
Table 5 – Groundwater Analytical Results Summary – PAHs  
Table 6 – Groundwater Analytical Results Summary – VOCs  
Figure 1 – Site Location Map  
Figure 2 – Site Plan – 2015  
Figure 3 – Site Plan – 2010  
Figure 4 – Site Plan – 2000  
Attachment A – Geoprobe Boring Logs, Abandonment Forms, and Test Pit Logs  
Attachment B – Analytical Laboratory Reports  
Attachment C – WDNR Cumulative cPAH Calculator Results

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## Tables

- 1 Soil Analytical Results Summary – Metals
- 2 Soil Analytical Results Summary – PAHs
- 3 Soil Analytical Results Summary – VOCs
- 4 Groundwater Analytical Results Summary – Metals
- 5 Groundwater Analytical Results Summary – PAHs
- 6 Groundwater Analytical Results Summary – VOCs

**Table 1. Soil Analytical Results Summary - Metals**  
 E C Voit & Sons and Voit Land LLC., 3450 Milwaukee Street, Blooming Grove, Wisconsin / SCS Engineers Project #25218096.00  
 (Results are in mg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Arsenic	Barium	Cadmium	Chromium (Total)	Lead	Mercury	Selenium	Silver
GP1	9/26/2018	7.5-10	--	<u>5.7</u>	52.3	0.20 J	10.8	21.3	<0.035	<1.4	<0.37
	9/26/2018	26-28	--	<u>5.4</u> J	79.4	0.25 J	14.1	<u>27.4</u>	<0.041	<1.5	<0.39
GP2	9/26/2018	12.5-15	--	<u>4.7</u> J	105	<0.13	16.9	26.3	0.047 J	<1.3	0.47 J
	9/26/2018	22.5-25	--	<u>5.0</u> J	50.5	<0.14	13.4	10.2	0.048 J	<1.4	<0.37
GP3	9/26/2018	5-7.5	--	<u>4.4</u> J	72.7	<0.14	19.1	<u>84.8</u>	<0.037	<1.4	0.45 J
GP4	9/26/2018	2.5-5	--	<u>52.9</u>	81.3	0.38 J	16.3	<u>30.3</u>	<0.035	<1.3	0.40 J
	9/26/2018	7.5-10	--	<u>2.8</u> J	30.8	<0.16	6.3	14.9	0.075 J	<1.6	<0.41
GP5	9/26/2018	7.5-10	--	<u>2.2</u> J	29.4	<0.15	7.1	9.8	<0.037	<1.5	<0.38
	9/26/2018	17.5-20	--	<u>4.6</u> J	157 M0	<0.14	24.7	9.4	0.040 J	<1.3	<0.35
GP6	9/26/2018	10-12.5	--	<u>6.0</u>	70.5	<0.14	15.9	11.3	<0.036	<1.4	<0.37
GP7 (S1)	9/27/2018	0-2.5	--	<u>6.5</u>	82.2	0.21 J	15.2	13	<0.039	<1.5	<0.40
GP8 (S1)	9/27/2018	0-2.5	--	<u>3.9</u> J	35.2	<0.14	9.2	15.9	<0.036	<1.3	<0.35
GP9 (S1)	9/27/2018	0-2.5	--	<u>8.6</u>	83.9	0.27 J	21.8	20.1	<0.042	<1.6	<0.41
GP10 (S2)	9/27/2018	2.5-5	--	<u>3.8</u> J	36.3	<0.16	9.1	22.8	0.13	<1.6	<0.41
GP11 (S3)	9/27/2018	5-7.5	--	<u>6.1</u>	73.6	<0.15	22.1	7.2	<0.039	<1.4	<0.38
GP12 (S4)	9/27/2018	7.5-10	--	<u>4.1</u> J	49	0.26 J	10	26.6	<0.038	<1.4	<0.36
TP-0	10/18/2018	1-2	--	<u>7.4</u>	82.0	<0.15	14.8	21.3	0.048 J	<1.5	<0.38
	10/18/2018	9-10	--	<u>7.4</u>	116	<0.17	30.4	13.3	0.051 J	<1.7	<0.44
TP-1	10/18/2018	8-9	--	<u>5.9</u>	63.9	<0.15	15.1	<u>28.1</u>	0.11 J	<1.5	<0.39
TP-2	10/18/2018	1-2	--	<u>7.5</u>	79.8	0.27 J	19.9	<u>134</u>	0.050 J	<1.4	<0.37
	10/18/2018	11-12	--	<u>6.3</u> J	<u>212</u>	<0.19	28.0	12.2	0.063 J	<1.9	<0.50
TP-3	10/18/2018	6-7	--	<u>4.6</u> J	37.9	<0.14	8.7	13.8	<0.036	<1.4	<0.37
TP-4	10/18/2018	6-7	--	<u>5.3</u> J	74.8	<0.15	14.8	18.7	0.056 J	<1.5	<0.38
TP-5	10/18/2018	5-6	--	<u>7.0</u>	84.2	<0.15	15.3	19.5	<0.039	<1.5	<0.39
TP-6	10/18/2018	5-6	--	<u>6.7</u>	92.2	<0.15	19.4	19.3	<0.038	<1.4	<0.38
TP-7	10/17/2018	7.5-8	--	<u>3.8</u> J	22.4	<0.15	9.0	2.0 J	<0.039	<1.5	<0.39
TP-8	10/17/2018	3-4	--	<u>10.3</u>	81.2	0.25 J	44.9	6.6	<0.040	<u>10.4</u>	<0.43
TP-9	10/17/2018	5-6	--	<u>2.3</u> J	11.3	<0.16	4.7	1.3 J	<0.041	<1.6	<0.42
TP-10	10/17/2018	5-6	--	<u>6.3</u> J	82.1	0.36 J	28.3	8.4	<0.051	<u>3.9</u> J	<0.52
TP-11	10/17/2018	3-4	--	<u>4.4</u> J	<u>173</u>	<u>0.93</u>	73.6	9.9	0.064 J	<u>7.0</u> J	<0.61
TP-12	10/17/2018	6-7	--	<u>3.6</u> J	10.6	<0.17	5.4	2.6	<0.043	<1.7	<0.45
TP-13	10/17/2018	4-5	--	<u>4.0</u> J	22.9	<0.15	7.3	4.8	<0.039	<1.5	<0.38
TP-14	10/17/2018	7-8	--	<u>4.8</u> J	65.1	<0.16	16.5	6.8	<0.042	<1.6	<0.41
TP-15	10/17/2018	6-7	--	<u>3.4</u> J	47.1	<0.14	9.5	<u>29.3</u>	<0.035	<1.4	<0.36
TP-16	10/17/2018	4-5	--	<u>7.2</u>	95.5	<0.15	20.6	18.0	0.050 J	<1.5	<0.40
NR 720 Groundwater Pathway RCLs with a Wisconsin-Default Dilution Factor of 2				0.584	164.8	0.752	360,000 <sup>2</sup>	27	0.208	0.52	0.8491
NR 720 Non-Industrial Direct Contact RCLs				0.677	15,300	71.1	NE <sup>1</sup>	400	3.13	391	391
NR 720 Industrial Direct Contact RCLs				3	100,000	985	NE <sup>1</sup>	800	3.13	5,840	5,840
Background Threshold Value				8	364	1	44	52	NE	NE	NE
CAS No.				7440-38-2	7440-39-3	7440-43-9	7440-47-3	7439-92-1	7439-97-6	7782-49-2	7440-22-4

Abbreviations:  
 mg/kg - milligrams per kilogram or parts per million (ppm) RCLs = Residual Contaminant Levels NA = Not Analyzed  
 CAS No. = Chemical Abstracts Service Number -- = Not Applicable NE = No Standard Established

Notes:  
**Bold+underlined** values exceed NR 720 RCLs, as of June 2018.  
<sup>1</sup> Chromium Direct Contact Standards: III Non-Industrial Direct Contact RCL = 100,000 mg/kg; Industrial Direct Contact RCL = 100,000 mg/kg  
 VI Non-Industrial Direct Contact RCL = 0.301 mg/kg; Industrial Direct Contact RCL = 6.36 mg/kg  
<sup>2</sup> If no Chromium-VI  
 Background threshold values are non-outlier trace element maximum levels in Wisconsin surface soils from the USGS Report at: <http://pubs.usgs.gov/sir/2011/5202/>,  
 as listed in the WDNR RR Program's RCL spreadsheet at: <http://dnr.wi.gov/topic/Brownfields/professionals.html>.

Laboratory Notes/Qualifiers:  
 J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).  
 M0 = Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

Created by: AJR Date: 10/22/2018  
 Last revision by: AJR Date: 11/2/2018  
 Checked by: JSN Date: 11/2/2018

I:\25218096.00\Deliverables\Phase II ESA\Tables\[Table 1\_Soil\_Metals.xlsx]Soil Metals

Table 2. Soil Analytical Results Summary - PAHs  
 E C Voit & Sons and Voit Land LLC., 3450 Milwaukee Street, Blooming Grove, Wisconsin / SCS Engineers Project #25218096.00  
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID (ppm)	Lab Notes	Cumulative cPAH Cancer Risk	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
GP1	9/26/2018	7.5-10	0.4	(1)	4.30E-06	<8.6	54.4	73.3	306	336	384	<b>348</b>	158	<b>329</b>	63.7	517	11.1 J	149	11.6 J	18.3 J	18.8 J	171	453
	9/26/2018	26-28	0.5	(1)	9.90E-07	31.5	14.8	89	104	75.9	53.7	92.1	105	<b>152</b>	<2.7	142	53.5	7.5 J	321	450	256	484	167
GP2	9/26/2018	12.5-15	0.4	(1)	4.20E-06	49.7 J	<14.2	129	407	200	82.4	<b>372</b>	192	<b>622</b>	51.8	401	72.7	<9.5	78.1	56 J	<36.4	612	2,150
	9/26/2018	22.5-25	0.5	(1)	1.60E-06	4.4 J	17.5	30.9	109	148	143	<b>152</b>	<2.2	<b>157</b>	<2.4	208	7.7 J	<2.4	8.9 J	9.8 J	9.8 J	78.2	172
GP3	9/26/2018	5-7.5	0.5	(1)	1.50E-06	8.9 J	5.2 J	25.8	97.5	148	125	<b>125</b>	85.7	131	26.8	243	9.9 J	3.9 J	5.3 J	9.2 J	29.9 J	117	180
GP4	9/26/2018	2.5-5	0.0	(1)	1.80E-06	5.5 J	12.7	42.6	142	133	150	<b>153</b>	68.7	<b>148</b>	25.7	296	6.7 J	3.6 J	<4.3	<5.4	<9.1	105	237
	9/26/2018	7.5-10	0.1	(1)	2.70E-07	<5.1	<4.3	<7.4	19.1	19.5	23.6	22.1	13.1	21.5	4.3 J	41.9	<5.4	<2.9	<5.2	<6.5	<11.0	16.0 J	30.9
GP5	9/26/2018	7.5-10	0.0	(1)	2.40E-07	<4.3	<3.7	<6.4	21.1	22.6	16.1	19.7	<2.3	26.5	<2.5	50.3	<4.6	<2.5	<4.5	<5.6	<9.4	28.6 J	37.4
	9/26/2018	17.5-20	0.2	(1)	<b>9.30E-06</b>	30.8 J	202	301	651	<b>682</b>	717	<b>769</b>	330	<b>654</b>	<b>126</b>	1,210	72.7	313	<20.5	<25.5	49.7 J	430	1,020
GP6	9/26/2018	10-12.5	0.1	(1)	<b>2.30E-05</b>	<42.4	127	391	<b>1,220</b>	<b>1,440</b>	1,680	<b>1,810</b>	1,390	<b>1,400</b>	<b>419</b> L2	2,010	66 J	1,130	<44	<54.7	<92.1	669	1,460
GP7 (S1)	9/27/2018	0-2.5	2.9	(1)	9.60E-07	<4.6	19.4	25	69.5	103	48.8	78.3	45	79.7	10.7 L2	126	<4.9	36.5	<4.8	<5.9	<9.9	46.3	103
GP8 (S1)	9/27/2018	0-2.5	0.6	(1)	3.80E-08	<4.2	4.3 J	6.8 J	26.6	41	19.1	30.9	22.6	35	4.6 J,L2	53.4	<4.5	16.2	<4.4	<5.4	<9.1	16.4 J	46.9
GP9 (S1)	9/27/2018	0-2.5	0.8	(1)	6.70E-07	<4.8	8.7 J	14.5 J	41.4	73.7	32.5	53.2	42.7	60.5	8.5 J,L2	95.4	<5.1	32.9	<5.0	<6.2	<10.5	41.8 J	79.7
GP10 (S2)	9/27/2018	2.5-5	1.0	(1)	3.10E-07	<4.8	<4.1	9.4 J	23	35.8	16.2	22.9	21.8	29.3	5.1 J,L2	61.4	<5.1	18.5	<5.0	<6.2	<10.4	32.6 J	46.4
GP11 (S3)	9/27/2018	5-7.5	4.8	(1)	5.60E-08	<4.5	<3.8	<6.7	<3.7	<3.3	<2.9	<2.9	<2.4	<3.9	<2.6	<6.1	<4.8	<2.6	<4.7	<5.8	<9.8	<13.6	<5.3
GP12 (S4)	9/27/2018	7.5-10	5.6	(1)	4.80E-06	16	79.8	94.5	327	<b>524</b>	167	<b>372</b>	262	<b>321</b>	71.5 L2	553	27.1	227	10.7 J	14.9 J	21.2 J	235	447

Table 2. Soil Analytical Results Summary - PAHs  
 E C Voit & Sons and Voit Land LLC., 3450 Milwaukee Street, Blooming Grove, Wisconsin / SCS Engineers Project #25218096.00  
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID (ppm)	Lab Notes	Cumulative cPAH Cancer Risk	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
TP-0	10/18/2018	1-2	0	--	<u>9.60E-06</u>	19.8 J	100	149	383	<u>874</u>	270	<u>655</u>	881	<u>423</u>	<u>197</u>	676	36.3	566	<9.4	13.1 J	20.6 J	316	600
	10/18/2018	9-10	0	--	6.40E-08	<5.1	<4.3	<7.5	<4.2	4.6 J	<3.3	<3.3	<2.7	<4.4	<2.9	7.1 J	<5.4	<2.9	<5.3	<6.6	<11.1	<15.3	<5.9
TP-1	10/18/2018	8-9	0	--	<u>9.80E-06</u>	<22.9	88.2	294	843	<u>1,290</u>	524	<u>739</u>	358	<u>1,000</u>	<u>131</u>	2,010	29.2 J	354	<23.7	<29.5	<49.6	810	1,560
TP-2	10/18/2018	1-2	0	--	2.60E-06	<22.5	<19.1	35.4 J	156	213	83.1	<u>150</u>	108	<u>210</u>	28.9 J	266	<24.0	80.8	<23.7	<29.0	<48.8 D3	175 J	237
	10/18/2018	11-12	0	--	5.00E-06	22.4	31.4	105	382	<u>587</u>	201	<u>403</u>	185	<u>383</u>	56.5	746	33.4	171	7.2 J	9.0 J	21.0 J	331	640
TP-3	10/18/2018	6-7	0	--	<u>9.60E-06</u>	64.9	40.7 J	274	766	<u>1,160</u>	444	<u>776</u>	358	<u>811</u>	102	1,860	87.9	316	18.8 J	<21.6	<36.4	1,080	1,430
TP-4	10/18/2018	6-7	0	--	1.70E-06	9.0 J	9.1 J	28.8	122	183	74.2	<u>133</u>	68.0	141	19.7	260	12.3 J	63.0	<4.7	6.6 J	13.8 J	121	224
TP-5	10/18/2018	5-6	0	--	3.90E-06	12.3 J	40.9	77.7	299	421	166	<u>313</u>	168	<u>329</u>	48.6	559	16.6	142	<4.7	8.7 J	16.4 J	232	485
TP-6	10/18/2018	5-6	0	--	5.70E-08	20.1 J	62.5	119	428	<u>697</u>	251	<u>473</u>	214	<u>462</u>	65.7	800	28.0 J	197	106	170	92.2	398	702
TP-7	10/17/2018	7.5-8	0	--	5.70E-08	<4.4	<3.7	<6.5	4.5 J	4.3 J	<2.9	<2.9	<2.3	<3.8	<2.5	10.6 J	<4.7	<2.5	<4.6	<5.7	<9.6	<13.2	5.7 J
TP-8	10/17/2018	3-4	0	--	5.70E-07	<4.9	9.8 J	10.3 J	40.3	70.1	27.4	38.6	25.5	51.7	7.3 J	120	<5.3	21.6	7.7 J	10.5 J	15.8 J	59.9	78.8
TP-9	10/17/2018	5-6	0	--	6.20E-08	<4.9	<4.2	<7.3	<4.0	<3.6	<3.2	<3.2	<2.6	<4.3	<2.8	<6.6	<5.3	<2.8	<5.1	<6.4	<10.7	<14.8	<5.7
TP-10	10/17/2018	5-6	0	--	1.40E-07	<6.1	<5.1	<8.9	14.0 J	39.5	9.0 J	6.2 J	7.0 J	37.6	<3.5	136	<6.5	8.0 J	<6.3	<7.8	<13.1	66.2	52.5
TP-11	10/17/2018	3-4	0	--	<u>5.10E-06</u>	<7.0	<6.0	<10.3	16.0 J	47.7	8.6 J	13.4 J	12.4	39.9	<4.0	84.2	<7.5	11.7 J	17.6 J	21.8 J	21.1 J	57.4 J	29.2
TP-12	10/17/2018	6-7	0	--	6.40E-08	<5.1	<4.3	<7.5	<4.2	<3.7	<3.3	<3.3	<2.7	<4.4	<2.9	<6.8	<5.4	<2.9	<5.3	<6.5	<11.0	<15.3	<5.9
TP-13	10/17/2018	4-5	0	--	5.60E-08	<4.5	<3.8	<6.6	<3.7	<3.3	<2.9	<2.9	<2.4	<3.9	<2.6	<6.1	<4.8	<2.6	<4.7	<5.8	<9.8	<13.6	<5.3
TP-14	10/17/2018	7-8	0	--	6.00E-08	<4.7	<4.0	<7.0	<3.9	<3.5	<3.1	<3.1	<2.5	<4.1	<2.7	<6.4	<5.1	<2.7	<4.9	<6.1	<10.3	<14.3	<5.5
TP-15	10/17/2018	6-7	0	--	2.00E-07	<4.2	<3.6	<6.2	12.8	25.8	10.2	15.1	10.7	16.2	3.3 J	31.3	<4.5	7.6 J	<4.3	<5.4	<9.1	13.3 J	26.8
TP-16	10/17/2018	4-5	0	--	<u>5.10E-06</u>	19.9 J	<13.1	86.6	513	<u>481</u>	165	<u>415</u>	135	<u>587</u>	61.2	706	17.7 J	118	<16.0	<19.9	<33.5	167	1,140
NR 720 Groundwater Pathway RCLs with a Wisconsin-Default Dilution Factor of 2					NE	NE	NE	196,949.2	NE	478.1	NE	470	NE	144.2	NE	88,877.8	14,829.9	NE	NE	NE	658.2	NE	54,545.5
NR 720 Non-Industrial Direct Contact RCLs					NE	3,590,000	NE	17,900,000	1,140	1,150	11,500	115	NE	115,000	115	2,390,000	2,390,000	1,150	17,600	239,000	5,520	NE	1,790,000
NR 720 Industrial Direct Contact RCLs					NE	45,200,000	NE	100,000,000	20,800	21,100	211,000	2,110	NE	2,110,000	2,110	30,100,000	30,100,000	21,100	72,700	3,010,000	24,100	NE	22,600,000
CAS No.					68334-30-5	83-32-9	208-96-8	120-12-7	56-55-3	205-99-2	207-08-9	50-32-8	191-24-2	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	90-12-0	91-57-6	91-20-3	85-01-8	129-00-0

**Table 2. Soil Analytical Results Summary - PAHs**  
**E C Voit & Sons and Voit Land LLC., 3450 Milwaukee Street, Blooming Grove, Wisconsin / SCS Engineers Project #25218096.00**

Abbreviations:

µg/kg = micrograms per kilogram or parts per billion (ppb)  
DRO = Diesel Range Organics  
PAHs = Polynuclear Aromatic Hydrocarbons  
NA = Not Analyzed

PID = Photoionization Detector  
GRO = Gasoline Range Organics  
RCLs = Residual Contaminant Levels  
NE = Not Established

ppm = parts per million  
mg/kg = milligrams per kilogram  
CAS No. = Chemical Abstracts Service Number  
-- = Not Applicable

Notes:

**Bold+underlined** values exceed a NR 720 RCL, as of June 2018.

(a) NR 720 Groundwater Pathway RCL for 1,2,4- and 1,3,5-Trimethylbenzene Combined = 1,378.7

**italized +underline** Cumulative PAH (cPAH) Cancer Risk values is greter than 5E-6 the Cumulative PAH Cancer Risk Standard.

-Cumulative PAH for each sample was developed and provided in the Report.

Laboratory Notes/Qualifiers:

D3 = Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).

L2 = Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

(1) = Non-detect results are reported on a wet weight basis.

Created by:	<u>AJR</u>	Date:	<u>10/22/2018</u>
Last revision by:	<u>NDK</u>	Date:	<u>11/8/2018</u>
Checked by:	<u>AJR</u>	Date:	<u>11/13/2018</u>

**Table 3. Soil Analytical Results Summary - VOCs**  
**E C Voit & Sons and Voit Land LLC., 3450 Milwaukee Street, Blooming Grove, Wisconsin / SCS Engineers Project #25218096.00**  
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID (ppm)	Lab Notes	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	Naphthalene	Methylene Chloride	MTBE	Other VOCs
GP1	9/26/2018	7.5-10	0.4	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>52</u> J, B	<25.0	ND
	9/26/2018	26-28	0.5	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>63.8</u> J, B	<25.0	ND
GP2	9/26/2018	12.5-15	0.4	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>58.1</u> J, B	<25.0	ND
	9/26/2018	22.5-25	0.5	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>71.4</u> B	<25.0	ND
GP3	9/26/2018	5-7.5	0.5	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>48.5</u> J, B	<25.0	ND
GP4	9/26/2018	2.5-5	0.0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>60.6</u> J, B	<25.0	ND
	9/26/2018	7.5-10	0.1	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>71.4</u> J, B	<25.0	ND
GP5	9/26/2018	7.5-10	0.0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>73.2</u> B	<25.0	ND
	9/26/2018	17.5-20	0.2	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>59.6</u> J, B	<25.0	ND
GP6	9/26/2018	10-12.5	0.1	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>52.8</u> J, B	<25.0	ND
GP7 (S1)	9/27/2018	0-2.5	2.9	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>58.4</u> J, B	<25.0	ND
GP8 (S1)	9/27/2018	0-2.5	0.6	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>72.5</u> B	<25.0	ND
GP9 (S1)	9/27/2018	0-2.5	0.8	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
GP10 (S2)	9/27/2018	2.5-5	1	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>58.4</u> J, B	<25.0	ND
GP11 (S3)	9/27/2018	5-7.5	4.8	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>62</u> J, B	<25.0	ND
GP12 (S4)	9/27/2018	7.5-10	5.6	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>51.8</u> J, B	<25.0	ND
TP-0	10/18/2018	1-2	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<u>33.9</u> J	<25.0	ND
	10/18/2018	9-10	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-1	10/18/2018	8-9	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-2	10/18/2018	1-2	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
	10/18/2018	11-12	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-3	10/18/2018	6-7	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-4	10/18/2018	6-7	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-5	10/18/2018	5-6	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-6	10/18/2018	5-6	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-7	10/17/2018	7.5-8	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-8	10/17/2018	3-4	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-9	10/17/2018	5-6	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-10	10/17/2018	5-6	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND

**Table 3. Soil Analytical Results Summary - VOCs**  
**E C Voit & Sons and Voit Land LLC., 3450 Milwaukee Street, Blooming Grove, Wisconsin / SCS Engineers Project #25218096.00**  
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID (ppm)	Lab Notes	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	Naphthalene	Methylene Chloride	MTBE	Other VOCs
TP-11	10/17/2018	3-4	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-12	10/17/2018	6-7	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-13	10/17/2018	4-5	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-14	10/17/2018	7-8	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-15	10/17/2018	6-7	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
TP-16	10/17/2018	4-5	0	(1)	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<40.0	<25.0	<25.0	ND
NR 720 Groundwater Pathway RCLs with a Wisconsin-Default Dilution Factor of 2					5.1	1,570	1,107.2	3,960	(a)		658.2	2.6	27	--
NR 720 Non-Industrial Direct Contact RCLs					1,600	8,020	818,000	260,000	219,000	182,000	5,520	61,800	63,800	--
NR 720 Industrial Direct Contact RCLs					7,070	35,400	818,000	260,000	219,000	182,000	24,100	1,150,000	282,000	--
CAS No.					71-43-2	100-41-4	108-88-3	1330-20-7	95-63-6	108-67-8	91-20-3	75-09-2	1634-04-4	--

Abbreviations:

µg/kg = micrograms per kilogram or parts per billion (ppb)

TMB = Trimethylbenzene

VOCs = Volatile Organic Compounds

PID = Photoionization Detector

MTBE = Methyl-tert-butyl ether

-- = Not Applicable

ppm = parts per million

RCLs = Residual Contaminant Levels

CAS No. = Chemical Abstracts Service Number

Notes:

**Bold+underlined** values exceed a NR 720 RCL, as of June 2018.

(a) NR 720 Groundwater Pathway RCL for 1,2,4- and 1,3,5-Trimethylbenzene Combined = 1,378.7

Laboratory Notes/Qualifiers:

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).

B = Analyte was detected in the associated method blank.

(1) = Non-detect results are reported on a wet weight basis.

Created by: AJR Date: 10/22/2018

Last revision by: AJR Date: 11/2/2018

Checked by: LMH Date: 11/2/2018



**Table 4. Groundwater Analytical Results Summary - Metals**  
**E C Voit & Sons and Voit Land LLC., 3450 Milwaukee Street, Blooming Grove, Wisconsin / SCS Engineers Project #25218096.00**  
 (Results are in µg/L)

Sample	Date	Lab Notes	Arsenic	Barium	Boron	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Selenium	Silver	Zinc
GP-2	9/26/2018	--	<b><u>13.5</u></b> J	67.2	NA	<1.3	<2.5	NA	NA	<6.4	<0.084	<12.3	<3.2	NA
GP-9	9/27/2018	--	<b><u>13.4</u></b> J	327	NA	<1.3	<2.5	NA	NA	<6.4	<0.084	<12.3	<3.2	NA
NR 140.10 Enforcement Standards (ESs)			10	2,000	1,000	5	100	1,300	NE	15	2	50	50	5,000
NR 140.10 Preventive Action Limits (PALs)			1	400	200	0.5	10	130	NE	1.5	0.2	10	10	2,500

Abbreviations:

µg/L = micrograms per liter or parts per billion (ppb)

NE = No Standard Established

-- = Not Applicable

NA = Not Analyzed

Notes:

NR 140.10 ESs - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from February 2017.

NR 140.10 PALs - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from February 2017.

**Bold+underlined** values meet or exceed NR 140 enforcement standards.

*Italic+underlined* values meet or exceed NR 140 preventive action limits.

Laboratory Notes/Qualifiers:

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).

Created by: AJR Date: 10/22/2018

Last revision by: AJR Date: 10/22/2018

Checked by: JSN Date: 10/23/2018

C:\Users\4411ndk\Desktop\Phase II ESA\Tables\[Table 4\_GW\_Metals.xlsx]GW Metals

**Table 5. Groundwater Analytical Results Summary - PAHs**  
**E C Voit & Sons and Voit Land LLC., 3450 Milwaukee Street, Blooming Grove, Wisconsin / SCS Engineers Project #25218096.00**  
 (Results are in µg/L)

Sample	Date	Lab Notes	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(ghi) perylene	Benzo(k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
GP-2	9/26/2018	--	0.13	0.20	0.45	1.2	<b><u>1.2</u></b>	<b><u>1.5</u></b>	1.0	0.66	<b><u>1.4</u></b>	0.18	2.5	0.19	0.76	0.043	0.049	0.13	1.6	2.7
GP-9	9/27/2018	--	0.022 J	0.035 J	0.034 J	0.24	<b><u>0.25</u></b>	<b><u>0.37</u></b>	0.24	0.18	<b><u>0.34</u></b>	0.049 J	0.48	0.027 J	0.20	0.017 J	0.016 J	0.042 J	0.20	0.51
NR 140 Enforcement Standards (ESs)			NE	NE	3,000	NE	0.2	0.2	NE	NE	0.2	NE	400	400	NE	NE	NE	100	NE	250
NR 140 Preventive Action Limits (PALs)			NE	NE	600	NE	0.02	0.02	NE	NE	0.02	NE	80	80	NE	NE	NE	10	NE	50
CAS No.			83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	90-12-0	91-57-6	91-20-3	85-01-8	129-00-0

Abbreviations:

µg/L = micrograms per liter or parts per billion (ppb)  
 -- = Not Applicable

PAHs = Polynuclear Aromatic Hydrocarbons  
 CAS No. = Chemical Abstracts Service Number

NE = No Standard Established  
 (Dup) = Duplicate

Notes:

NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from February 2017.

NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from February 2017.

**Bold+underlined** values meet or exceed NR 140 enforcement standards.

**Italic+underlined** values meet or exceed NR 140 preventive action limits.

Laboratory Notes/Qualifiers:

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).

Created by: AJR Date: 10/22/2018

Last revision by: AJR Date: 10/22/2018

Checked by: JSN Date: 10/23/2018

I:\25218096.00\Deliverables\Phase II ESA\Tables\[Table 5\_GW\_PAHs.xlsx]GW PAHs

**Table 6. Groundwater Analytical Results Summary - VOCs**  
**E C Voit & Sons and Voit Land LLC., 3450 Milwaukee Street, Blooming Grove, Wisconsin / SCS Engineers Project #25218096.00**  
 (Results are in µg/L)

Sample	Date	Lab Notes	DRO	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	Lead	Other VOCs
GP-2	9/26/2018	--	NA	NA	<u>0.66</u> J	<0.22	0.34 J	<1.5	<1.71	<1.2	<1.2	NA	Chloromethane 2.4 J
GP-9	9/27/2018	(1)	NA	NA	<0.25	<0.22	<0.17	<1.5	<1.71	<1.2	<1.2	NA	ND
NR 140 Enforcement Standards (ESs)			NE	NE	5	700	800	2,000	480	60	100	15	Chloromethane 400
NR 140 Preventive Action Limits (PALs)			NE	NE	0.5	140	160	400	96	12	10	1.5	Chloromethane 80

Abbreviations:

µg/L = micrograms per liter or parts per billion (ppb)

TMBs = 1,2,4- and 1,3,5-trimethylbenzenes

NA = Not Analyzed

(Dup) = Duplicate Sample

DRO = Diesel Range Organics

MTBE = Methyl-tert-butyl ether

ND = Not Detected

-- = Not Applicable

GRO = Gasoline Range Organics

VOCs = Volatile Organic Compounds

NE = No Standard Established

Notes:

NR 140 ESs - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from February 2017.

NR 140 PALs - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from February 2017.

**Bold+underlined** values meet or exceed NR 140 ESs.

*Italic+underlined* values meet or exceed NR 140 PALs.

Laboratory Notes/Qualifiers:

(1) Surrogates 4-Bromofluorobenzene (S) - pH = Post-analysis pH measurement indicates insufficient VOA sample preservation.

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).

Created by: AJR Date: 10/22/2018

Last revision by: AJR Date: 10/22/2018

Checked by: JSN Date: 10/23/2018

C:\Users\4411ndk\Desktop\Phase II ESA\Tables\[Table 6\_GW\_VOCs.xlsx]GW VOCs

## Figures

- 1 Site Location Map
- 2 Site Plan - 2015
- 3 Site Plan - 2010
- 4 Site Plan - 2000

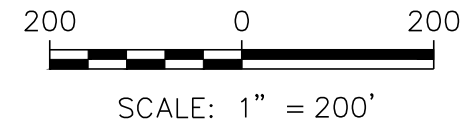


MADISON EAST QUADRANGLE  
 WISCONSIN-DANE CO.  
 7.5 MINUTE SERIES (TOPOGRAPHIC)  
 1983  
 SCALE: 1" = 2,000'



CLIENT	CITY OF MADISON ENGINEERING DIVISION 210 MARTIN LUTHER KING JR. BLVD, ROOM 115 MADISON, WI 53703	SITE	EC VOIT & SONS AND VOIT LAND LLC. 3450 MILWAUKEE STREET TOWN OF BLOOMING GROVE DANE COUNTY, WISCONSIN	ENGINEER	<b>SCS ENGINEERS</b> 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	SITE LOCATION MAP	FIGURE 1
	PROJECT NO. 25218096.00		DRAWN BY: KP				
	DRAWN: 06/11/18		CHECKED BY: LB				
	REVISED: 06/11/18		APPROVED BY:				

I:\25218096.00\Drawings\Site (2015 aerial).dwg, 10/30/2018 10:10:08 AM



LEGEND

- APPROXIMATE PROPERTY LINE
- ⊕ GEOPROBE SOIL BORING
- TEST PIT

NOTES:

1. AERIAL PHOTOGRAPH FROM THE NATIONAL AGRICULTURE IMAGERY PROGRAM AND PUBLISHED BY THE USDA FSA AERIAL PHOTOGRAPHY FIELD OFFICE. DATE OF IMAGE IS OCTOBER 30, 2015.
2. APPROXIMATE PROPERTY LINE FROM DANE COUNTY LAND INFORMATION OFFICE GIS WEBSITE (ACCESSDANE.COUNTYOFDANE.COM)



CITY OF MADISON ENGINEERING  
210 MARTIN LUTHER KING JR BLVD  
MADISON, WI 53703

SITE

VOIT & SONS  
VOIT LAND, LLC PROPERTY  
3450 MILWAUKEE STREET  
MADISON, WISCONSIN

ENGINEER

KP  
NK  
TK 10/16/18

SITE PLAN  
(2015 AERIAL PHOTOGRAPH)

PROJECT NO. 25218096.00  
DRAWN: 10/24/18  
REVISED: 10/24/18

**SCS ENGINEERS**  
2830 DAIRY DRIVE, MADISON, WI 53718-6751  
PHONE: (608) 224-2830

FIGURE  
2

I:\25218096.00\Drawings\Site (2010 aerial).dwg, 10/30/2018 10:06:55 AM

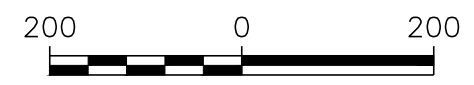


LEGEND


- APPROXIMATE PROPERTY LINE
- ⊕ GEOPROBE SOIL BORING
- TEST PIT

NOTES:

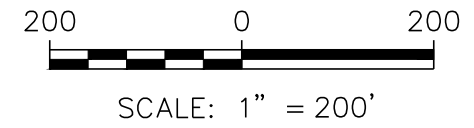
1. AERIAL PHOTOGRAPH FROM THE NATIONAL AGRICULTURE IMAGERY PROGRAM AND PUBLISHED BY THE USDA FSA AERIAL PHOTOGRAPHY FIELD OFFICE. DATE OF IMAGE IS SEPTEMBER 21, 2010.
2. APPROXIMATE PROPERTY LINE FROM DANE COUNTY LAND INFORMATION OFFICE GIS WEBSITE (ACCESSDANE.COUNTYOFDANE.COM)



SCALE: 1" = 200'

 CITY OF MADISON ENGINEERING 210 MARTIN LUTHER KING JR BLVD MADISON, WI 53703	PROJECT NO. 25218096.00	DRAWN BY: KP	VOIT & SONS VOIT LAND, LLC PROPERTY 3450 MILWAUKEE STREET MADISON, WISCONSIN	SITE PLAN (2010 AERIAL PHOTOGRAPH)	FIGURE 3
	DRAWN: 10/24/18	CHECKED BY: NK	ENGINEER	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	
REVISED:	APPROVED BY: TK 10/16/18				

I:\25218096.00\Drawings\Site (2000 aerial).dwg, 10/30/2018 10:09:38 AM



LEGEND

- APPROXIMATE PROPERTY LINE
- ⊕ GEOPROBE SOIL BORING
- TEST PIT

NOTES:

1. AERIAL PHOTOGRAPH FROM THE NATIONAL AGRICULTURE IMAGERY PROGRAM AND PUBLISHED BY THE USDA FSA AERIAL PHOTOGRAPHY FIELD OFFICE. IMAGE FROM SPRING 2000.
2. APPROXIMATE PROPERTY LINE FROM DANE COUNTY LAND INFORMATION OFFICE GIS WEBSITE (ACCESSDANE.COUNTYOFDANE.COM)



CLIENT  
CITY OF MADISON ENGINEERING  
210 MARTIN LUTHER KING JR BLVD  
MADISON, WI 53703

SITE

VOIT & SONS  
VOIT LAND, LLC PROPERTY  
3450 MILWAUKEE STREET  
MADISON, WISCONSIN

ENGINEER

KP  
NK  
TK 10/16/18

SITE PLAN  
(2000 AERIAL PHOTOGRAPH)

**SCS ENGINEERS**  
2830 DAIRY DRIVE, MADISON, WI 53718-6751  
PHONE: (608) 224-2830

FIGURE  
4



## Attachment A

Geoprobe Boring Logs, Abandonment Forms, and Test Pit Logs

Attachment A-1

Geoprobe Boring Logs and Abandonment Forms

- Route To:
- Watershed/Wastewater
  - Remediation/Redev.
  - Waste Management
  - Other \_\_\_\_\_

Facility/Project Name <i>Voit Farms</i>		SCS # <i>25218096</i>		License/Permit/Monitoring Number		Boring Number <i>GR-1</i>	
Boring Drilled By (Firm name and name of crew chief) <i>On-Site Environmental Tony Kapugi</i>				Drilling Started <i>9/26/18</i>		Drilling Completed <i>9/26/18</i>	
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level	
Boring Location State Plane		1/4 of _____ 1/4 of Section _____, T. _____ N., R. _____		Lat. _____ Long. _____		Local Grid Location (If applicable) N., _____ E. _____	
County <i>Dane</i>				DNR County Code <i>3</i>		Civil Town/City/or Village <i>Madison</i>	

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/Comments
									Standard Penetration	Moisture Content	P200	
1	30			<i>Silty Sand w/ gravel, tan, gravel sm-lrg, angular (fill)</i>	<i>SM</i>			0.3		<i>M</i>		
2												
3	40			<i>± of concrete at 8.5' - trace cinders at 9'</i>				0.2		<i>MT</i>		
4												
5	16							0.5		<i>W</i>		
6												
7	48			<i>Densely graded sand w/ gravel lt. tan-brown, sand F-G, gravel. sm-lrg, angular (fill)</i>	<i>SP</i>			0.3		<i>MT</i>		
8												
								0.2		<i>MT</i>		

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Signature]* Firm **SCS ENGINEERS**

This form is authorized by Chapters 281, 283, 289, 291, 292, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture between \$10 and \$25,000, or imprisonment for up to one year, depending on program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information.



Facility/Project Name <u>Unit Farm</u>		SCS # <u>25218096</u>	License/Permit/Monitoring Number	Boring Number <u>GP-2</u>
Boring Drilled By (Firm name and name of crew chief) <u>On-Site Environmental - Tony Kapugi</u>			Drilling Started <u>9/26/18</u>	Drilling Completed <u>9/26/18</u>
DNR Facility Well No.	WI Unique Well No.	Common Well Name	Static Water Level	Surface Elevation
Boring Location State Plane			Lat.	Local Grid Location (If applicable)

1/4 of \_\_\_\_\_ 1/4 of Section \_\_\_\_\_, T. \_\_\_\_\_ N. \_\_\_\_\_ R. \_\_\_\_\_  
 County Dane DNR County Code 13 Civil Town/City/or Village Madison

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/Comments
									Standard Penetration	Moisture Content	P200	
1	24			Clayey sand w/ gravel, brown, sand F-C, gravel sm, sub-rounded, trace organic fibers	SC			0.0	M			
2				-concrete at 5'			0.1	M				
3	48		5	Poorly graded sand, sand on gravel, sand F-C, gravel sm-lrg, angular, brown	SP			1.2	mt			
4				Silt w/ gravel, brown, gravel sm-lrg, angular, stiff	SM		0.1	W				
5	30		10	Poorly graded sand w/ silt + gravel, brown, sand F-C, gravel sm-lrg				0.2	Mt			
6				Clayey sand w/ gravel, brown, mottled gray + black, trace cinders at 12-15'	SM		0.4	M				
7	36		15	Silty sand w/ gravel, med stiff, dark brown.	SM			0.2	M			
8				Poorly graded sand w/ silt, brown, sand F-C, gravel sm, sub-rounded + angular	SP		0.1	M				
				Poorly graded sand, F-C, gray (concrete)	SP							
				Poorly graded sand w/ silt, brown + black (cinders 10, 5-20')	SP			0.1	M			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm **SCS ENGINEERS**

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Boring Number **FP-2**

Use only as an attachment to Form 4400-122.

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties			RQD/ Comments
Number	Length Recovered							Max. PID/FID	Standard Penetration	Moisture Content	
9	48			Clayey sand, brown, sand F-u, low plasticity	SE			0.5	MT /W		
				Silty sand, brown + black, sand, F-C, - few gravel, sm-lrg, wax chips 22-23	SM						
10	48			Densely graded sand w/ gravel, sand F-C, gravel sm-lrg, angular Trace cinders + brick 23-25	SP			0.5	MT		
11	30		25	Silty sand, brown, mottled black	SM			1.2	MT		
				Densely graded sand; dark brown sand F-C, trace lrg sub-rounded gravel - trace organic soil, black (peat) 26.5-27	SP						
12	30			Poorly graded sand w/ gravel (concrete)	SP			0.3	M		
				Clayey sand w/ sm, sub-rounded gravel dark brown sand F-u.	SC						
13	32		30	Silty sand w/ gravel, lt gray, sand F-C, gravel, sm-sub-rounded, mottled brown + black	SM			0.6	MT /W		
14								0.1	W		≠ 32'
15	<del>48</del>			<del>Silt, tan, soft</del>	<del>SM</del>			0.3	W		
16				<del>Poorly graded sand, tan, sand F-u</del>	<del>SP</del>			0.1	W		

Boring Number **6P2**

Use only as an attachment to Form 4400-122.

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties			RQD/ Comments
Number	Length Recovered							Max. PID/FID	Standard Penetration	Moisture Content	
17				Silty Sand w/ gravel, lt. gray. Some F-C gravel, silt-sand rounded, mottled brown/black	SM			0.1	W		
				Silt, tan, soft	ML						
18				Poorly graded sand, tan, F-m	SP			0.3	W		
19			45					0.0	W		
20			50					0.0	W		
			55	EOB AT 50							

Facility/Project Name: Voit Farm SCS # 25218046 License/Permit/Monitoring Number: \_\_\_\_\_ Boring Number: 91-3  
 Boring Drilled By (Firm name and name of crew chief): On-Site Environmental - Tony Kupcz Drilling Started: 9/26/18 Drilling Completed: 9/26/18 Drilling Method: Open  
 DNR Facility Well No.: \_\_\_\_\_ WI Unique Well No.: \_\_\_\_\_ Common Well Name: \_\_\_\_\_ Static Water Level: \_\_\_\_\_ Surface Elevation: \_\_\_\_\_ Borehole Diam.: 2  
 Boring Location State Plane: \_\_\_\_\_ Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Local Grid Location (If applicable): \_\_\_\_\_  
 County: Dane DNR County Code: 13 Civil Town/City/Or Village: Madison

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/Comments
									Standard Penetration	Moisture Content	P200	
1				Sandy silt w/ gravel <sup>brown</sup> sand F-u, gravel sm. by angulars, (fill)	ML			0.5	M			
2	30							0.7	M			
3			5	Same as above except light gray to black, cinders 6-7" (fill)				0.5	W			
4	18							0.4	W			
5			10	Layer of clay, gray + brown, plastic, soft (fill)	CL			0.1	M			
6	18							0.1	M			
7			15	Sandy silt, dark brown, sand F-C, trace cinders (fill)	ML			0.1	M			
8	30							0.1	M			
								0.1	M			

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: [Signature] Firm: **SCS ENGINEERS**

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Boring Number

GP-3

Use only as an attachment to Form 4400-122.

Page 2

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties				RQD/ Comments
Number	Length Recovered							Max. PID/FID	Standard Penetration	Moisture Content	P200	
9				poorly graded sand, brown to dark brown, sand, F-C (fill)	SP			0.0	M			
10	36			poorly graded sand, tan, sand rim	SP			0.0	Mt/W			
11			25	Sandy silt w/ few gravel, tan, F-m, gravel sm-lrg, sub rounded	ML			0.1	W			
12	36							0.1	W			
13			30					0.0	W			
14				poorly graded sand, tan, F-C little gravel, sm-lrg - angular + sub-r.	SP			0.0	W			
15			35					0.1	W			
16								0.1	W			

EOB AT 40'

Route To:  
 Watershed/Wastewater  
 Remediation/Redev.  
 Waste Management  Other \_\_\_\_\_

Facility/Project Name Voit Farm SCS # 25218096 License/Permit/Monitoring Number \_\_\_\_\_ Boring Number OP-4  
 Boring Drilled By (Firm name and name of crew chief) On-Site Environmental - Tony Kapug Drilling Started 9/26/12 Drilling Completed 9/26/12 Drilling Method Geoprobe  
 DNR Facility Well No. \_\_\_\_\_ WI Unique Well No. \_\_\_\_\_ Common Well Name \_\_\_\_\_ Static Water Level \_\_\_\_\_ Surface Elevation \_\_\_\_\_ Borehole Diam. 2  
 Boring Location State Plane 1/4 of 1/4 of Section T. N. R. Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Local Grid Location (If applicable) N., E.

County Dane DNR County Code 13 Civil Town/City/or Village Monkton

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/Comments
									Standard Penetration	Moisture Content	P200	
1	30			lean clay, brown, few sm, angular gravel (F-C)	CL			0.0		M		
2	30			Sandy silt, brown, few sm - lg, sub-rounded gravel, sand F-C - red brick, undrs 4.5-5'	ML			0.0		mt		
3	48			finely graded sand w/ gravel, sand F-C, gravel sm - lg, angular (concrete)	SP			0.1		M		
4	48			<del>silt w/ sand, sand F-C, gravel</del> sandy silt w/ gravel, sand F-C, gravel sm - lg, angular, trace cinders	ML			0.1		M		
5	36			lean clay, dark brown, grey med. plasticity, trace cinders at 10.5'	CL			0.1		M		
6	36			silty sand w/ gravel, dark gray, sand F-C, gravel sm - lg angular	SM			0.0		M		
7	30			Red brick 18-18.5'				0.1		M		
8	30			lean clay w/ gravel, brown, gravel 10'	CL			0.1		M		

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Signature [Signature] Firm SCS ENGINEERS

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Boring Number *BP-4*

Use only as an attachment to Form 4400-122.

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments
Number	Length Recovered								Standard Penetration	Moisture Content	P200	
9				Clayey sand w/ gravel. <sup>brown</sup> Sand F-m, gravel sm - (lg angular + sub-rounded) (fill)	SC			0.1	mt			
10	36			Poorly graded sand w/ gravel. Sand F-C, gravel sm - lg angular (fill)	SP			0.1	mt			
11	48		25	Silty sand, dark brown/gray, sand F-G (fill), some sm - lg angular gravel	SM			0.1	w		# in 26'	
12				Lean clay, dark brown/gray, soft, low plasticity (fill)	CL			0.0	w		<del># in 26'</del>	
13			30	+ trace organic fibers at 30.5-31' Silty sand, dark brown/gray, sand F-m, some sm - lg sub-rounded gravel (fill)	SM			0.1	w			
14								0.1	w			
15			35	Poorly graded sand, sand F-G, trace white shells	SP			0.0	w			
				Organic soil w/ organic fibers, black (peat)	PT							
				Silt w/ sand, gray, sand fine-med. mottled black stain	MH							
16				Poorly graded sand, sand F-C, trace sm sub-rounded gravel, tan	SP			0.0	w			

EOB at 40'

Route To:

- Watershed/Wastewater
- Remediation/Redev.
- Waste Management
- Other \_\_\_\_\_


Facility/Project Name <b>Voit Farm</b>		SCS # <b>25218046</b>		License/Permit/Monitoring Number		Boring Number <b>GP-5</b>	
Boring Drilled By (Firm name and name of crew chief) <b>On-Site Environmental - Tony Kapugi</b>				Drilling Started <b>9/26/18</b>		Drilling Completed <b>9/26/18</b>	
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Drilling Method <b>Geoprobe</b>	
				Static Water Level		Surface Elevation	
						Borehole Diam. <b>2</b>	

Boring Location State Plane				Lat.		Local Grid Location (If applicable)	
1/4 of		1/4 of Section		. T. N. R.		N. E.	

County <b>Dane</b>		DNR County Code <b>13</b>		Civil Town/City/or Village <b>Madison</b>	
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Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties				RQD/ Comments
								Max. PID/FID	Standard Penetration	Moisture Content	P200	
1/2	24			Silty Sand w/ gravel, sand F- <u>uv</u> , gravel sm-lg sub-rounded tan	SM			0.1		M		
			5	Sandy silt, dark brown, stiff some sm. gravel	ML			0.0		M		
3/4	30			Poverty graded sand w/ gravel, tan, sand F-C gravel sm-lg (concrete chunks) cinders 9-10'	SP			0.0		M		
			10	same as above except gray				0.1		M		
5/6	36			Clayey sand, med plasticity, tan-gray, trace sm. angular gravel	SC			0.0		C		
			15	Poverty graded sand w/ gravel, sand F-C, gravel sm-lg angular cinders + rock debris 14-16'	SP			0.3		Wt		
7/8				Silt w/ sand + sandy silt w/ gravel dark brown, sand F-C, gravel sm-lg, angular, lg cinders at 17.5-18'	ML			0.4		Wt		
								0.2		Wt		

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>SCS ENGINEERS</b>
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Boring Number **GP-5**

Use only as an attachment to Form 4400-122.

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments
Number	Length Recovered								Standard Penetration	Moisture Content	P200	
9				Sandy silt w/ gravel, brown sand F-m, gravel S-L sub rounded angular	ML			0.5	M			
10	36							0.1	M			
11			25	Clayey sand, med plasticity, brown sand F-m	SC			0.2	M			
12	36			Poorly graded sand w/ gravel tan-brown, sand F-C, gravel S-L, angular (fill)	SP			0.2	W		X ~ 29	
13			30	Poorly graded sand w/ gravel, tan, sand F-C, gravel S-L, sub rounded				0.4	W			
14	30							0.1	W			
			36	EOB AT 35'								

Route To:  
 Watershed/Wastewater  
 Remediation/Redev.  
 Waste Management  Other

Facility/Project Name <i>Unit Farm</i>		SCS # <i>25218096</i>		License/Permit/Monitoring Number		Boring Number <i>GP 6</i>	
Boring Drilled By (Firm name and name of crew chief) <i>On-Site Environmental - Tony Karpis</i>				Drilling Started <i>9/20/18</i>		Drilling Completed <i>9/20/18</i>	
DNR Facility Well No.		WI Unique Well No.		Common Well Name <i>Unit Farm</i>		Static Water Level	
Boring Location State Plane		1/4 of 1/4 of Section , T. N. R.		Lat. Long.		Local Grid Location (If applicable) N. E.	
County <i>Dane</i>				DNR County Code <i>13</i>		Civil Town/City/or Village <i>Madison</i>	

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties			RQD/Comments
								Max. PID/FID	Standard Penetration	Moisture Content	
1				Clayey sand, tan, some gravel sm-1/2, angular, sand f-m	SC			0.0	m		
2	18			Silty Sand w/ gravel, brown, sand f-c, gravel lg, angular	SM			0.3	m		
3								0.3	m		
4	30			Clayey sand, brown, med plasticity lean clay, brown, plastic med plasticity trace cinders 9-10'	SC CL			0.0	m		
5				Silty sand w/ gravel, sand f-m, gravel sm, angular, cinders 12-13' (fill)	SM			0.1	m		
6				Poorly graded w/ gravel, tan, sand f-c, gravel sm-1/2 (fill)	SP			0.1	m		
7	48			Silty sand w/ gravel, sand f-m, gravel s-l angular	SM			0.1	m		
8				lean clay, med, plasticity, tan-grey	CL			0.1	m		
				Silty sand w/ gravel tan, mottled	SM			0.1	mt		

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Signature *[Signature]* Firm **SCS ENGINEERS**

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Boring Number **GP-6**

Use only as an attachment to Form 4400-122.

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments
Number	Length Recovered								Standard Penetration	Moisture Content	P200	
9	48			<del>Silty sand</del> Silty sand w/ gravel, brown, sand F-C, gravel S-L subrounded	SM			0.1	w		#20	
10								0.0	w			
11			25					0.0	w			
12	48							0.0	w			
			30	Clayey sand, tan, Sand Fine, med plasticity	CL			0.0	w			
				Silty, soft, gray	ML			0.0	w			
				Poorly graded sand, Sand F-C, tan	SP			0.0	w			
14			36					0.0	w			
				EOB AT 35'								

Route To:  
 Watershed/Wastewater  
 Remediation/Redev.  
 Waste Management  Other

Facility/Project Name <i>Voit Farm</i>		SCS # <i>25218096</i>		License/Permit/Monitoring Number		Boring Number <i>GP7</i>						
Boring Drilled By (Firm name and name of crew chief) <i>T. Kapugi, Onsite</i>				Drilling Started <i>9/27/18</i>		Drilling Completed						
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level						
Boring Location State Plane		1/4 of		1/4 of Section		T. N. R.						
County		DNR County Code		Civil Town/City/or Village								
Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit <i>Vegetative cover</i>	USCS	Graphic Log	Well Diagram	Soil Properties			RQD/ Comments	
								Max (PID)/ID	Standard Penetration	Moisture Content		P200
1	32			<i>lean clay; silty zones, dk brn, (fill) - fines sand and small gravel, tan alter to orange-brown; (fill) alternating layers</i>	CL			9.1	M			No odors
2					SP							
3	12		5		CL			2.9	M			
4					SP							
5	30		10	<i>black sandy layer @ 9.5' silty f sand; brown; some tan, to dk grey; some aug. gravel; 10</i>	SM			3.1	M			
6												
7	24		15					3.0	M			
8												
								3.4	M			
								2.6	M+			

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Route To:  
 Watershed/Wastewater  
 Remediation/Redev.  
 Waste Management  Other \_\_\_\_\_

Facility/Project Name <i>Voit Farm</i>		SCS # <i>25218096</i>		License/Permit/Monitoring Number		Boring Number <i>EPB</i>						
Boring Drilled By (Firm name and name of crew chief) <i>T. Kapugi OES</i>				Drilling Started <i>9/27/18 1015</i>		Drilling Completed						
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level						
Boring Location State Plane		1/4 of		1/4 of Section		T. N. R.						
County <i>Dane</i>		DNR County Code <i>13</i>		Civil Town/City/or Village <i>Madison</i>								
Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties				RQD/ Comments
								Max. PID/FID	Standard Penetration	Moisture Content	P200	
<i>1</i>	<i>42</i>			<i>silty f-m sand; with gravel; brown to light brown; (fill)</i>	<i>SM</i>			<i>0.6</i>		<i>M</i>		
<i>2</i>					<i>lean clay; brown; stiff</i>	<i>CL</i>			<i>0.6</i>		<i>M</i>	
<i>3</i>	<i>24</i>							<i>3.3</i>		<i>M+</i>		
<i>4</i>					<i>silty f. sand; gray to lt. gray;</i>	<i>SM</i>			<i>3.5</i>		<i>M</i>	
				<i>EBB 10'</i>								

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Route To:  
 Watershed/Wastewater  
 Remediation/Redev.  
 Waste Management  Other \_\_\_\_\_

Facility/Project Name <b>Voit Farm</b>		SCS # <b>25218096</b>		License/Permit/Monitoring Number		Boring Number <b>GP9</b>	
Boring Drilled By (Firm name and name of crew chief)				Drilling Started <b>9/27/18</b>		Drilling Completed <b>9/27/18</b>	
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level	
Boring Location State Plane		1/4 of		1/4 of Section		T. N. R.	
County <b>Dane</b>		DNR County Code <b>13</b>		Civil Town/City/or Village <b>Madison</b>			

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. P/D/FID	Soil Properties			RQD/Comments
									Standard Penetration	Moisture Content	P200	
1	32			silty fm sand, H. brown, with gravel; loose, (fin)	SM			0.8			M	
2				Lean clay; brown to gray; trace sand and gravel; m stiff to soft, low plasticity;	CL			0.8			M	
3	30							3.5			M+	
4				silty f. sand, light gray, trace gravel;	SM			1.8			M+	
5	50			organic silt; black;	OL			.6			M+	
6								.7			M+	
				EOB 15' after collecting water sample								

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Route To:  
 Watershed/Wastewater  
 Remediation/Redev.  
 Waste Management  Other \_\_\_\_\_

Facility/Project Name <i>Voit Farm</i>		SCS # <i>25218096</i>		License/Permit/Monitoring Number		Boring Number <i>GP10</i>						
Boring Drilled By (Firm name and name of crew chief) <i>T. Kapugi Onsite</i>				Drilling Started <i>9/27</i>		Drilling Completed		Drilling Method				
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level		Surface Elevation		Borehole Diam.		
Boring Location State Plane 1/4 of _____ 1/4 of Section _____, T. _____ N. R. _____				Lat. _____ Long. _____		Local Grid Location (If applicable) N., _____ E. _____						
County <i>Dane</i>				DNR County Code <i>13</i>		Civil Town/City/or Village <i>Madison</i>						
Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. $\phi$ ID/FID	Soil Properties			RQD/ Comments
									Standard Penetration	Moisture Content	P200	
<i>1</i>	<i>48</i>			<i>Silt, brown, organics</i>	<i>ML</i>							
<i>2</i>				<i>Silty f. sand brown; with gravel, thin mica ceas layer at 25', mafic rock as above, gray color</i>	<i>SM</i>			<i>0.5</i>		<i>M</i>		
<i>3</i>				<i>as above, tan</i>	<i>SM</i>			<i>1.0</i>		<i>W</i>		
<i>4</i>	<i>30</i>			<i>lean clay; (H. gray); roots; m soft;</i>	<i>CL</i>			<i>0.7</i>		<i>W</i>		
				<i>Silt, black; organic</i>	<i>ML</i>			<i>13</i>		<i>W</i>		
				<i>EUB 10'</i>								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Signature]* Firm **SCS ENGINEERS**

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Route To:  
 Watershed/Wastewater  
 Remediation/Redev.  
 Waste Management  Other \_\_\_\_\_

Facility/Project Name <i>Voit Farm</i>		SCS# <i>25218096</i>	License/Permit/Monitoring Number	Boring Number <i>GPII</i>
Boring Drilled By (Firm name and name of crew chief) <i>T. Kapugi - Onsite</i>			Drilling Started <i>9/27/18 1215</i>	Drilling Completed
DNR Facility Well No.	WI Unique Well No.	Common Well Name	Static Water Level	Surface Elevation
Boring Location State Plane 1/4 of _____ 1/4 of Section _____, T. _____ N. R. _____			Lat. Long.	Local Grid Location (If applicable) N., _____ E.

County *Dane* DNR County Code *13* Civil Town/City/or Village *Madison*

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/Comments
									Standard Penetration	Moisture Content	P200	
1	40			<i>Silty f. sand, H.brown, little gravel; dense; (Till)</i>	<i>SM</i>			2.4				
2				<i>lean clay; H.brown</i>	<i>CL</i>				3.1			
3	36			<i>Silty f. sand; H.brown, <del>and</del> uniform grading</i>	<i>SM</i>			4.8				
4				<i>as above, gray color, with gravel</i>	<i>SM</i>							
				<i>Silt, black, organic roots (former top soil?)</i>	<i>OL</i>			2.8				

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- Route To:
- Watershed/Wastewater
  - Remediation/Redev.
  - Waste Management
  - Other \_\_\_\_\_

Facility/Project Name <i>Voit Farm</i>		SCS # <i>25218096</i>		License/Permit/Monitoring Number		Boring Number <i>GP12</i>						
Boring Drilled By (Firm name and name of crew chief) <i>Tony Kapugi, Onsite</i>				Drilling Started <i>9/27/18 810</i>		Drilling Completed		Drilling Method <i>Geoprobe</i>				
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level		Surface Elevation		Borehole Diam. <i>2</i>		
Boring Location State Plane 1/4 of _____ 1/4 of Section _____, T. _____ N., R. _____				Lat. Long.		Local Grid Location (If applicable) N., _____ E. _____						
County <i>Dane</i>				DNR County Code <i>13</i>		Civil Town/City/or Village <i>Madison</i>						
Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. P/D P/D	Soil Properties			RQD/ Comments
Number	Length Recovered								Standard Penetration	Moisture Content	P200	
1	26			<i>Vegetated surface</i>	<i>SM</i>							
2				<i>Silty f-m sand; lt. brown to brown, (fill), little gravel, angular</i>			<i>3.2</i>		<i>M</i>			
3			5									
4	30			<i>black<sup>m</sup> Sand layer at 7'</i>								
				<i>lean clay, brown, m. stiff. (fill)</i>	<i>7.1</i>							
4				<i>f-m Sand with gravel; lt. brown tan layers, gravel mixed size/shapes; (fill)</i>	<i>7.0</i>	<i>CL</i>						
			10									
5				<i>Silty f-m sand; brown, gravel concrete pieces; (fill)</i>	<i>10</i>	<i>SM</i>						
6	10						<i>5.6</i>		<i>m</i>			
7	0		15									
				<i>refusal on concrete</i>			<i>0.8</i>		<i>m</i>			
			16	<i>EOB 16', ABDN with bentonite</i>								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Handwritten Signature]*

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Facility/Project Name <i>Voit Farm</i>		SCS # <i>25218096</i>		License/Permit/Monitoring Number		Boring Number <i>GP12A</i>						
Boring Drilled By (Firm name and name of crew chief) <i>T. Kapugi, OES</i>				Drilling Started <i>9/27/18</i>		Drilling Completed						
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level						
Boring Location State Plane		1/4 of Section		T. N. R.		Local Grid Location (If applicable) N. E.						
County <i>Dane</i>				DNR County Code <i>13</i>		Civil Town/City/or Village <i>Madison</i>						
Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments
									Standard Penetration	Moisture Content	P200	
<i>#</i>				<i>Blind drilled See GP12 for log</i>								
<i>3</i>	<i>60</i>		<i>5</i>									
<i>4</i>			<i>10</i>									
<i>5</i>												
<i>6</i>												
<i>7</i>			<i>15</i>	<i>silty f-m sand; brown; little gravel (fill)</i>	<i>SM</i>			<i>22</i>				
<i>8</i>	<i>24</i>			<i>gravel; some sand; angular, tan and brick red;</i>	<i>GP</i>					<i>M+</i>		
				<i>silty m. sand; black; loose;</i>	<i>SM</i>			<i>1.3</i>			<i>W</i>	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *T. Kapugi*

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Attachment A-2

Test Pit Logs

**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-0  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS	
	1	Clayey Sand with gravel (fill) Concrete slabs (0-9')	SC	
0.0	2			
	3	Debris – plastic pipes and tubing (3’-7’), angle iron (3’-7’)		
	4			
0.0	5			
	6			
	7	Lean Clay, medium stiff, medium plasticity, gray, mottled brown		CL
0.0	9			
	10			
	11	Poorly Grated Sand, fine to coarse sand, water table observed, tan	SP	
0.0	12			
	13	End of Boring (EOB) at 13'		
	14			
	15			
	16			

Water Level While Excavating: At Completion: Depth to Water: Depth to Cave In:		General Notes	Equipment Used:	
			Excavated by:	Schaper Excavating and Petroleum, LLC
			Logged by:	Nate Harms
			Edited by:	Date:

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**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-1  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Clayey Sand with gravel, tan, fine sand, medium plasticity	SC
0.0	2		
	3	-Plastic bags (2'-4') -Large boulders (2'-9') -Organic fibers (2'-8') -Small cinders (2'-9'), a few -Concrete slabs (3'-6')	
0.0	4		
	5		
	6		
0.0	7	Large cinders (6'-9')	
	8		
	9	Poorly Graded Sand with silt -Large boulders (9'-16')    -Garbage debris - plastic bags	SP
	10		
0.0	11		
	12		
	13		
	14		
	15		
	16	End of Boring (EOB) at 16'	

Water Level While Excavating:		General Notes	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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### Test Pit Log

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-2  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Silty Sand with gravel, brown, fine to coarse sand, gravel small - large, sub-rounded/angular -Concrete slabs (0-9') -Landscape fabric (1'-4') -Trace of cinders (1'-11')	SM
0.0	2		
	3		
0.0	4		
	5		
	6		
	7		
0.0	8		
	9		
	10		
	11	Lean Clay, black, soft, medium plasticity -Trace cinders	CL
0.4	12	Lean Clay, gray-mottled brown, trace organic fibers, soft, medium plasticity	CL
	13		
	14		
	15	End of Boring (EOB) at 15'	
	16		

Water Level While Excavating:		General Notes	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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### Test Pit Log

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-3  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Silty Sand with gravel, brown, fine to coarse sand, gravel small-large, angular/sub-rounded -Concrete slabs (0-9')  -Metal debris – rebar, piping (3'-5') -Trace of cinders (3'-10')  -PVC tubing ~6'-7'	SM
0.0	2		
	3		
	4		
0.0	5		
	6		
	7		
	8		
	9		
	10		
0.0	11		
	12		
	13		
	14	End of Boring (EOB) at 14'	
	15		
	16		

Water Level While Excavating:		General Notes	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-4  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Lean Clay with gravel, brown, medium plasticity	CL
0.0	2	-Asphalt slabs (0-6')	
		-Concrete slabs (2'-6')	
	3	-Trace cinders(2'-7')	
	4		
0.0	5	-Metal pipe (5')	
	6		
	7		
0.0	8		
	9		
	10		
	11		
	12		
	13	Poorly Graded Sand, fine to coarse sand, tan	SP
0.0	14	End of Boring (EOB) at 14'	
	15		
	16		

Water Level While		General Notes	Equipment Used:	
Excavating:			Excavated by:	Schaper Excavating and Petroleum, LLC
At Completion:			Logged by:	Nate Harms
Depth to Water			Edited by:	Date:
Depth to Cave In:				

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**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-5  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Lean clay with gravel, brown, medium plasticity, sub-rounded gravel	CL
0.0	2	-Organic fibers (0-4') -Large blocks of concrete (0-12') -Large blocks of asphalt (2'-12')	
	3		
	4	-Metal debris (pipes) (4'-6')	
	5		
0.0	6		
	7		
	8		
0.0	9		
	10	Water table observed	
	11		
	12	End of Boring (EOB) at 12'	
	13		
	14		
	15		
	16		
Water Level While Excavating:		General Notes	Equipment Used:
At Completion:			Excavated by: Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by: Nate Harms
Depth to Cave In:			Edited by: _____ Date: _____

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**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-6  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Sandy silt with gravel	SM
		-Organic fibers (0-9')	
	2	-Concrete slabs (0-9')	
	3	-Asphalt slabs (3'-6')	
0.0	4	-Debris (clay tile, PVC piping) (3'-6')	
		-Trace of cinders (4'-6')	
	5		
0.0			
	6		
0.0			
	7		
	8		
	9	Lean Clay, soft, medium plasticity, gray-mottled brown	CL
	10	-Trace small wood chips	
	11		
0.0	12		
	13	End of Boring (EOB) at 13'	
	14		
	15		
	16		
Water Level While Excavating:		General Notes	Equipment Used:
At Completion:			Excavated by: Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by: Nate Harms
Depth to Cave In:			Edited by: _____ Date: _____

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**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-7  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	(Top Soil) Organic Soil with organic fibers, brown	OL
	2	Poorly Graded Sand - fine to medium, with organic fibers and large tree roots, tan	
		-Layer of organic soil (peat) - dark brown	
	3		
	4		
0.0	5		
	6		
	7	-Layer of organic soil (peat) - dark brown	
0.0	8	-Layer of organic soil (peat) -Trace ash? (powder/white)	
	9	End of Boring (EOB) at 9'	
	10		
	11		
	12		
	13		
	14		
	15		
	16		

Water Level While Excavating:		General Notes	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-8  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Organic Soil with organic fibers (top soil)	OL
0.0	2	Poorly Graded Sand, fine to medium, tan with organic fibers and layers of organic soil	SP
	3		
	4		
0.0	5		
	6	Silty Sand, tan, soft, water table observed	SM
	7		
0.0	8	Poorly Graded Sand, fine to medium, gray	SP
	9	Organic Soil with organic fibers, (peat) brown/black	PT
	10		
0.0	11		
	12		
	13	Poorly Graded Sand, fine to medium, gray	SP
	14		
0.0	15	End of Boring (EOB) at 15'	
	16		

Water Level While Excavating:		General Notes	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-9  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Organic Soil with organic fibers (top soil) brown	OL
0.0	2	Poorly Graded Sand, brown, fine to coarse sand with organic fibers	SP
	3		
0.0	4	Silt with Sand, fine to medium sand, tan	ML
	5		
	6	Water table observed	
	7	Poorly Graded Sand (fine to medium) gray with trace white shells	SP
0.0	8	Organic Soil with organic fibers (peat) brown	PT
	9		
	10	Lean Clay, soft, medium plasticity, brown	CL
	11		
	12		
	13		
	14		
	15	End of Boring (EOB) at 15'	
	16		

Water Level While		General Notes	Equipment Used:	
Excavating:				
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-10  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Organic Soil with organic fibers (brown)	OL
0.0	2		
	3	Poorly Graded Sand, fine to medium sand, tan	SP
	4		
0.0	5		
	6	Silty Sand, fine to medium sand, gray, water table observed	SM
	7		
	8	Organic Soil with organic fibers, brown/black (peat)	PT
	9		
0.0	10		
	11		
	12	Poorly Graded Sand, fine to coarse, gray with white shells	SP
0.0	13		
	14	End of Boring (EOB) at 14'	
	15		
	16		

Water Level While		General Notes	Equipment Used:	
Excavating:			Excavated by:	Schaper Excavating and Petroleum, LLC
At Completion:			Logged by:	Nate Harms
Depth to Water			Edited by:	Date:
Depth to Cave In:				

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### Test Pit Log

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-11  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Organic Soil with organic fibers (small - large) brown	OL
	2	Poorly Graded Sand, tan, fine sand with organic fibers Layers of brown/black organic soil (3-6')	SP
0.0	3		
	4		
	5	Silty Sand, tan, fine to medium sand	SM
0.0	6		
	7		
	8	Silt, soft, non-plastic, gray, water table observed	ML
	9	Organic Soil with organic fibers (peat)	PT
0.0	10		
	11	Sandy Lean Clay, gray, medium plasticity, fine to medium sand	S(CL)
	12	End of Boring (EOB) at 12'	
	13		
	14		
	15		
	16		

Water Level While Excavating:		General Notes	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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### Test Pit Log

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-12  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/18/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Organic Soil with organic fibers (top soil) brown	OL
0.0	2	Poorly Graded Sand, fine to medium sand, tan with few organic fibers (small - large)	SP
	3		
0.0	4		
	5	Layer of organic soil	
	6	Silty Sand, tan, soft, fine to medium sand	SM
	7	Water table observed	
	8	Color transition to gray	
	9	Organic Soil with organic fibers, brown/black	PT
0.0	10		
	11	Silt, gray, soft	ML
	12		
0.0	13	End of Boring (EOB) at 13'	
	14		
	15		
	16		

Water Level While Excavating:		<b>General Notes</b>	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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### Test Pit Log

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-13  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/17/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
	1	Organic soil with organic fibers, brown (top soil)	OL
	2	Poorly Graded Sand, fine to coarse, tan, some gravel, small - large, angular (Fill)	SP
0.0	3		
	4		
	5		
0.0	6	Silty Sand, tan, soft, fine to medium sand	SM
	7		
	8	Organic Soil with organic fibers (peat), black/brown	PT
0.0	9		
	10	Silty Sand, gray, sand fine	SM
0.0	11		
	12	End of Boring (EOB) at 12'	
	13		
	14		
	15		
	16		

Water Level While		General Notes	Equipment Used:	
Excavating:				
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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**Test Pit Log**

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-14  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/17/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS	
	1	Organic Soil with organic fibers (top soil) brown	OL	
	2	Poorly Graded Sand, fine to coarse, trace organic fibers, brown, thin layer of concrete	SP	
0.0	3			
	4			
	5			
	6	Silty Sand, tan, mottled brown, fine sand	SM	
0.0	7	Silt, soft gray, some organic fiber	ML	
0.0	8	Organic Soil with organic fibers (peat) brown/black	PT	
	9			
0.0	10			
	11	End of Boring (EOB) at 11'		
	12	Did not encounter water		
	13			
	14			
	15			
	16			
Water Level While Excavating:		General Notes	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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### Test Pit Log

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-15  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/17/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS
0.0	1	Poorly Graded Sand with gravel, fine to coarse sand, brown gravel small-large sub-rounded/angular -Pockets of organic soil (peat) (1'-4') -Pockets of concrete (1'-6')	SP
	2		
0.0	3		
	4		
	5		
	6		
	7	Poorly Graded Sand with gravel (concrete) layer and concrete slabs	SP
	8	Organic soil with organic fibers (peat) brown/black	PT
	9		
0.0	10		
	11		
	12		
0.0	13		
	14		
	15		
	16	End of Boring (EOB) at 16'	

Water Level While Excavating:		General Notes	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water:			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:


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### Test Pit Log

Project: Voit Farm Phase 2 ESA Test Pit No.: TP-16  
 Client: City of Madison  
 Project No.: 25218096.00 Surface Elevation: \_\_\_\_\_  
 Location: 3450 Milwaukee St, Madison, WI Date Excavated: 10/17/2018

PID	Depth (ft.)	Soil/Rock Description and Geologic Origin for Each Major Geologic Unit	USCS	
	1	Poorly Graded Sand with gravel, fine to coarse sand, brown (Fill)	SP	
	2			
0.0	3			
	4	Lean Clay with small to large sub-rounded gravel, medium plasticity, brown -Red brick present (3'-5')	CL	
	5			
	6	Poorly Graded Sand with gravel (concrete)	SP	
	7			
	8			
0.0	9			
	10	End of Boring (EOB) at 9'  Water rushing in at ~5' below ground surface (bgs), did not excavate past 9' Could not keep up with accumulating water in pit.		
	11			
	12			
	13			
	14			
	15			
	16			
Water Level While Excavating:		General Notes	Equipment Used:	
At Completion:			Excavated by:	Schaper Excavating and Petroleum, LLC
Depth to Water			Logged by:	Nate Harms
Depth to Cave In:			Edited by:	Date:

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Attachment B  
Analytical Laboratory Reports

November 01, 2018

Tony Kollasch  
SCS ENGINEERS  
2830 Dairy Drive  
Madison, WI 53718

RE: Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Dear Tony Kollasch:

Enclosed are the analytical results for sample(s) received by the laboratory on October 19, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40178071001	TP-7 (7.5'-8')	Solid	10/17/18 08:45	10/19/18 09:55
40178071002	TP-8 (3'-4')	Solid	10/17/18 09:30	10/19/18 09:55
40178071003	TP-9 (5'-6')	Solid	10/17/18 10:00	10/19/18 09:55
40178071004	TP-10 (5'-6')	Solid	10/17/18 10:45	10/19/18 09:55
40178071005	TP-11 (3'-4')	Solid	10/17/18 11:15	10/19/18 09:55
40178071006	TP-12 (6'-7')	Solid	10/17/18 12:30	10/19/18 09:55
40178071007	TP-13 (4'-5')	Solid	10/17/18 13:30	10/19/18 09:55
40178071008	TP-16 (4'-5')	Solid	10/17/18 14:00	10/19/18 09:55
40178071009	TP-15 (6'-7')	Solid	10/17/18 14:30	10/19/18 09:55
40178071010	TP-14 (7'-8')	Solid	10/17/18 15:00	10/19/18 09:55
40178071011	TP-5 (5'-6')	Solid	10/18/18 09:00	10/19/18 09:55
40178071012	TP-6 (5'-6')	Solid	10/18/18 10:00	10/19/18 09:55
40178071013	TP-0 (1'-2')	Solid	10/18/18 10:20	10/19/18 09:55
40178071014	TP-0 (9'-10')	Solid	10/18/18 10:45	10/19/18 09:55
40178071015	TP-3 (6'-7')	Solid	10/18/18 11:30	10/19/18 09:55
40178071016	TP-2 (1'-2')	Solid	10/18/18 12:15	10/19/18 09:55
40178071017	TP-2 (11'-12')	Solid	10/18/18 12:45	10/19/18 09:55
40178071018	TP-1 (8'-9')	Solid	10/18/18 13:30	10/19/18 09:55
40178071019	TP-4 (6'-7')	Solid	10/18/18 14:00	10/19/18 09:55

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40178071001	TP-7 (7.5'-8')	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40178071002	TP-8 (3'-4')	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40178071003	TP-9 (5'-6')	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40178071004	TP-10 (5'-6')	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40178071005	TP-11 (3'-4')	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40178071006	TP-12 (6'-7')	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40178071007	TP-13 (4'-5')	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40178071008	TP-16 (4'-5')	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40178071009	TP-15 (6'-7')	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40178071010	TP-14 (7'-8')	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40178071011	TP-5 (5'-6')	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40178071012	TP-6 (5'-6')	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40178071013	TP-0 (1'-2')	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40178071014	TP-0 (9'-10')	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40178071015	TP-3 (6'-7')	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40178071016	TP-2 (1'-2')	ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40178071017	TP-2 (11'-12')	ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40178071018	TP-1 (8'-9')	ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40178071019	TP-4 (6'-7')	ASTM D2974-87	TEL	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40178071001</b>	<b>TP-7 (7.5'-8')</b>					
EPA 6010	Arsenic	3.8J	mg/kg	5.6	10/30/18 20:45	
EPA 6010	Barium	22.4	mg/kg	0.56	10/30/18 20:45	
EPA 6010	Chromium	9.0	mg/kg	1.1	10/30/18 20:45	
EPA 6010	Lead	2.0J	mg/kg	2.2	10/30/18 20:45	
EPA 8270 by SIM	Benzo(a)anthracene	4.5J	ug/kg	12.1	10/29/18 18:40	
EPA 8270 by SIM	Benzo(b)fluoranthene	4.3J	ug/kg	10.7	10/29/18 18:40	
EPA 8270 by SIM	Fluoranthene	10.6J	ug/kg	19.8	10/29/18 18:40	
EPA 8270 by SIM	Pyrene	5.7J	ug/kg	17.1	10/29/18 18:40	
ASTM D2974-87	Percent Moisture	11.9	%	0.10	10/29/18 09:34	
<b>40178071002</b>	<b>TP-8 (3'-4')</b>					
EPA 6010	Arsenic	10.3	mg/kg	6.2	10/30/18 20:47	
EPA 6010	Barium	81.2	mg/kg	0.62	10/30/18 20:47	
EPA 6010	Cadmium	0.25J	mg/kg	0.62	10/30/18 20:47	
EPA 6010	Chromium	44.9	mg/kg	1.2	10/30/18 20:47	
EPA 6010	Lead	6.6	mg/kg	2.5	10/30/18 20:47	
EPA 6010	Selenium	10.4	mg/kg	5.4	10/30/18 20:47	
EPA 8270 by SIM	Acenaphthylene	9.8J	ug/kg	14.0	10/29/18 18:58	
EPA 8270 by SIM	Anthracene	10.3J	ug/kg	24.1	10/29/18 18:58	
EPA 8270 by SIM	Benzo(a)anthracene	40.3	ug/kg	13.4	10/29/18 18:58	
EPA 8270 by SIM	Benzo(a)pyrene	38.6	ug/kg	10.6	10/29/18 18:58	
EPA 8270 by SIM	Benzo(b)fluoranthene	70.1	ug/kg	11.9	10/29/18 18:58	
EPA 8270 by SIM	Benzo(g,h,i)perylene	25.5	ug/kg	8.6	10/29/18 18:58	
EPA 8270 by SIM	Benzo(k)fluoranthene	27.4	ug/kg	10.6	10/29/18 18:58	
EPA 8270 by SIM	Chrysene	51.7	ug/kg	14.2	10/29/18 18:58	
EPA 8270 by SIM	Dibenz(a,h)anthracene	7.3J	ug/kg	9.5	10/29/18 18:58	
EPA 8270 by SIM	Fluoranthene	120	ug/kg	22.1	10/29/18 18:58	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	21.6	ug/kg	9.3	10/29/18 18:58	
EPA 8270 by SIM	1-Methylnaphthalene	7.7J	ug/kg	17.0	10/29/18 18:58	
EPA 8270 by SIM	2-Methylnaphthalene	10.5J	ug/kg	21.2	10/29/18 18:58	
EPA 8270 by SIM	Naphthalene	15.8J	ug/kg	35.6	10/29/18 18:58	
EPA 8270 by SIM	Phenanthrene	59.9	ug/kg	49.2	10/29/18 18:58	
EPA 8270 by SIM	Pyrene	78.8	ug/kg	19.0	10/29/18 18:58	
ASTM D2974-87	Percent Moisture	21.2	%	0.10	10/29/18 09:35	
<b>40178071003</b>	<b>TP-9 (5'-6')</b>					
EPA 6010	Arsenic	2.3J	mg/kg	6.1	10/30/18 20:50	
EPA 6010	Barium	11.3	mg/kg	0.61	10/30/18 20:50	
EPA 6010	Chromium	4.7	mg/kg	1.2	10/30/18 20:50	
EPA 6010	Lead	1.3J	mg/kg	2.4	10/30/18 20:50	
ASTM D2974-87	Percent Moisture	21.5	%	0.10	10/29/18 09:35	
<b>40178071004</b>	<b>TP-10 (5'-6')</b>					
EPA 6010	Arsenic	6.3J	mg/kg	7.5	10/30/18 20:52	
EPA 6010	Barium	82.1	mg/kg	0.75	10/30/18 20:52	
EPA 6010	Cadmium	0.36J	mg/kg	0.75	10/30/18 20:52	
EPA 6010	Chromium	28.3	mg/kg	1.5	10/30/18 20:52	
EPA 6010	Lead	8.4	mg/kg	3.0	10/30/18 20:52	
EPA 6010	Selenium	3.9J	mg/kg	6.5	10/30/18 20:52	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40178071004</b>	<b>TP-10 (5'-6')</b>					
EPA 8270 by SIM	Benzo(a)anthracene	14.0J	ug/kg	16.5	10/29/18 19:32	
EPA 8270 by SIM	Benzo(a)pyrene	6.2J	ug/kg	13.1	10/29/18 19:32	
EPA 8270 by SIM	Benzo(b)fluoranthene	39.5	ug/kg	14.7	10/29/18 19:32	
EPA 8270 by SIM	Benzo(g,h,i)perylene	7.0J	ug/kg	10.6	10/29/18 19:32	
EPA 8270 by SIM	Benzo(k)fluoranthene	9.0J	ug/kg	13.0	10/29/18 19:32	
EPA 8270 by SIM	Chrysene	37.6	ug/kg	17.5	10/29/18 19:32	
EPA 8270 by SIM	Fluoranthene	136	ug/kg	27.1	10/29/18 19:32	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	8.0J	ug/kg	11.4	10/29/18 19:32	
EPA 8270 by SIM	Phenanthrene	66.2	ug/kg	60.5	10/29/18 19:32	
EPA 8270 by SIM	Pyrene	52.5	ug/kg	23.4	10/29/18 19:32	
ASTM D2974-87	Percent Moisture	36.0	%	0.10	10/29/18 09:35	
<b>40178071005</b>	<b>TP-11 (3'-4')</b>					
EPA 6010	Arsenic	4.4J	mg/kg	8.9	10/30/18 20:55	
EPA 6010	Barium	173	mg/kg	0.89	10/30/18 20:55	
EPA 6010	Cadmium	0.93	mg/kg	0.89	10/30/18 20:55	
EPA 6010	Chromium	73.6	mg/kg	1.8	10/30/18 20:55	
EPA 6010	Lead	9.9	mg/kg	3.6	10/30/18 20:55	
EPA 6010	Selenium	7.0J	mg/kg	7.8	10/30/18 20:55	
EPA 7471	Mercury	0.064J	mg/kg	0.20	10/30/18 12:17	
EPA 8270 by SIM	Benzo(a)anthracene	16.0J	ug/kg	19.1	10/29/18 19:49	
EPA 8270 by SIM	Benzo(a)pyrene	13.4J	ug/kg	15.1	10/29/18 19:49	
EPA 8270 by SIM	Benzo(b)fluoranthene	47.7	ug/kg	17.0	10/29/18 19:49	
EPA 8270 by SIM	Benzo(g,h,i)perylene	12.4	ug/kg	12.2	10/29/18 19:49	
EPA 8270 by SIM	Benzo(k)fluoranthene	8.6J	ug/kg	15.1	10/29/18 19:49	
EPA 8270 by SIM	Chrysene	39.9	ug/kg	20.2	10/29/18 19:49	
EPA 8270 by SIM	Fluoranthene	84.2	ug/kg	31.4	10/29/18 19:49	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	11.7J	ug/kg	13.2	10/29/18 19:49	
EPA 8270 by SIM	1-Methylnaphthalene	17.6J	ug/kg	24.2	10/29/18 19:49	
EPA 8270 by SIM	2-Methylnaphthalene	21.8J	ug/kg	30.2	10/29/18 19:49	
EPA 8270 by SIM	Naphthalene	21.1J	ug/kg	50.7	10/29/18 19:49	
EPA 8270 by SIM	Phenanthrene	57.4J	ug/kg	70.1	10/29/18 19:49	
EPA 8270 by SIM	Pyrene	29.2	ug/kg	27.1	10/29/18 19:49	
ASTM D2974-87	Percent Moisture	44.6	%	0.10	10/29/18 09:35	
<b>40178071006</b>	<b>TP-12 (6'-7')</b>					
EPA 6010	Arsenic	3.6J	mg/kg	6.5	10/30/18 20:38	
EPA 6010	Barium	10.6	mg/kg	0.65	10/30/18 20:38	
EPA 6010	Chromium	5.4	mg/kg	1.3	10/30/18 20:38	
EPA 6010	Lead	2.6	mg/kg	2.6	10/30/18 20:38	
ASTM D2974-87	Percent Moisture	23.7	%	0.10	10/29/18 09:35	
<b>40178071007</b>	<b>TP-13 (4'-5')</b>					
EPA 6010	Arsenic	4.0J	mg/kg	5.6	10/30/18 20:57	
EPA 6010	Barium	22.9	mg/kg	0.56	10/30/18 20:57	
EPA 6010	Chromium	7.3	mg/kg	1.1	10/30/18 20:57	
EPA 6010	Lead	4.8	mg/kg	2.2	10/30/18 20:57	
ASTM D2974-87	Percent Moisture	14.2	%	0.10	10/29/18 09:36	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40178071008</b>	<b>TP-16 (4'-5')</b>					
EPA 6010	Arsenic	7.2	mg/kg	5.7	10/30/18 20:59	
EPA 6010	Barium	95.5	mg/kg	0.57	10/30/18 20:59	
EPA 6010	Chromium	20.6	mg/kg	1.1	10/30/18 20:59	
EPA 6010	Lead	18.0	mg/kg	2.3	10/30/18 20:59	
EPA 7471	Mercury	0.050J	mg/kg	0.13	10/30/18 12:24	
EPA 8270 by SIM	Acenaphthene	19.9J	ug/kg	51.3	10/31/18 16:53	
EPA 8270 by SIM	Anthracene	86.6	ug/kg	75.6	10/31/18 16:53	
EPA 8270 by SIM	Benzo(a)anthracene	513	ug/kg	42.2	10/31/18 16:53	
EPA 8270 by SIM	Benzo(a)pyrene	415	ug/kg	33.3	10/31/18 16:53	
EPA 8270 by SIM	Benzo(b)fluoranthene	481	ug/kg	37.4	10/31/18 16:53	
EPA 8270 by SIM	Benzo(g,h,i)perylene	135	ug/kg	26.9	10/31/18 16:53	
EPA 8270 by SIM	Benzo(k)fluoranthene	165	ug/kg	33.2	10/31/18 16:53	
EPA 8270 by SIM	Chrysene	587	ug/kg	44.5	10/31/18 16:53	
EPA 8270 by SIM	Dibenz(a,h)anthracene	61.2	ug/kg	29.6	10/31/18 16:53	
EPA 8270 by SIM	Fluoranthene	706	ug/kg	69.2	10/31/18 16:53	
EPA 8270 by SIM	Fluorene	17.7J	ug/kg	54.9	10/31/18 16:53	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	118	ug/kg	29.1	10/31/18 16:53	
EPA 8270 by SIM	Phenanthrene	167	ug/kg	154	10/31/18 16:53	
EPA 8270 by SIM	Pyrene	1140	ug/kg	59.6	10/31/18 16:53	
ASTM D2974-87	Percent Moisture	16.1	%	0.10	10/29/18 09:36	
<b>40178071009</b>	<b>TP-15 (6'-7')</b>					
EPA 6010	Arsenic	3.4J	mg/kg	5.2	10/30/18 21:06	
EPA 6010	Barium	47.1	mg/kg	0.52	10/30/18 21:06	
EPA 6010	Chromium	9.5	mg/kg	1.0	10/30/18 21:06	
EPA 6010	Lead	29.3	mg/kg	2.1	10/30/18 21:06	
EPA 8270 by SIM	Benzo(a)anthracene	12.8	ug/kg	11.5	10/31/18 14:18	
EPA 8270 by SIM	Benzo(a)pyrene	15.1	ug/kg	9.0	10/31/18 14:18	
EPA 8270 by SIM	Benzo(b)fluoranthene	25.8	ug/kg	10.2	10/31/18 14:18	
EPA 8270 by SIM	Benzo(g,h,i)perylene	10.7	ug/kg	7.3	10/31/18 14:18	
EPA 8270 by SIM	Benzo(k)fluoranthene	10.2	ug/kg	9.0	10/31/18 14:18	
EPA 8270 by SIM	Chrysene	16.2	ug/kg	12.1	10/31/18 14:18	
EPA 8270 by SIM	Dibenz(a,h)anthracene	3.3J	ug/kg	8.1	10/31/18 14:18	
EPA 8270 by SIM	Fluoranthene	31.3	ug/kg	18.8	10/31/18 14:18	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	7.6J	ug/kg	7.9	10/31/18 14:18	
EPA 8270 by SIM	Phenanthrene	13.3J	ug/kg	41.9	10/31/18 14:18	
EPA 8270 by SIM	Pyrene	26.8	ug/kg	16.2	10/31/18 14:18	
ASTM D2974-87	Percent Moisture	7.6	%	0.10	10/29/18 09:36	
<b>40178071010</b>	<b>TP-14 (7'-8')</b>					
EPA 6010	Arsenic	4.8J	mg/kg	5.9	10/30/18 21:09	
EPA 6010	Barium	65.1	mg/kg	0.59	10/30/18 21:09	
EPA 6010	Chromium	16.5	mg/kg	1.2	10/30/18 21:09	
EPA 6010	Lead	6.8	mg/kg	2.4	10/30/18 21:09	
ASTM D2974-87	Percent Moisture	18.1	%	0.10	10/29/18 09:36	
<b>40178071011</b>	<b>TP-5 (5'-6')</b>					
EPA 6010	Arsenic	7.0	mg/kg	5.6	10/30/18 21:11	
EPA 6010	Barium	84.2	mg/kg	0.56	10/30/18 21:11	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40178071011</b>	<b>TP-5 (5'-6')</b>					
EPA 6010	Chromium	15.3	mg/kg	1.1	10/30/18 21:11	
EPA 6010	Lead	19.5	mg/kg	2.2	10/30/18 21:11	
EPA 8270 by SIM	Acenaphthene	12.3J	ug/kg	15.2	10/31/18 14:35	
EPA 8270 by SIM	Acenaphthylene	40.9	ug/kg	13.0	10/31/18 14:35	
EPA 8270 by SIM	Anthracene	77.7	ug/kg	22.4	10/31/18 14:35	
EPA 8270 by SIM	Benzo(a)anthracene	299	ug/kg	12.5	10/31/18 14:35	
EPA 8270 by SIM	Benzo(a)pyrene	313	ug/kg	9.9	10/31/18 14:35	
EPA 8270 by SIM	Benzo(b)fluoranthene	421	ug/kg	11.1	10/31/18 14:35	
EPA 8270 by SIM	Benzo(g,h,i)perylene	168	ug/kg	8.0	10/31/18 14:35	
EPA 8270 by SIM	Benzo(k)fluoranthene	166	ug/kg	9.9	10/31/18 14:35	
EPA 8270 by SIM	Chrysene	329	ug/kg	13.2	10/31/18 14:35	
EPA 8270 by SIM	Dibenz(a,h)anthracene	48.6	ug/kg	8.8	10/31/18 14:35	
EPA 8270 by SIM	Fluoranthene	559	ug/kg	20.5	10/31/18 14:35	
EPA 8270 by SIM	Fluorene	16.6	ug/kg	16.3	10/31/18 14:35	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	142	ug/kg	8.6	10/31/18 14:35	
EPA 8270 by SIM	2-Methylnaphthalene	8.7J	ug/kg	19.7	10/31/18 14:35	
EPA 8270 by SIM	Naphthalene	16.4J	ug/kg	33.1	10/31/18 14:35	
EPA 8270 by SIM	Phenanthrene	232	ug/kg	45.7	10/31/18 14:35	
EPA 8270 by SIM	Pyrene	485	ug/kg	17.7	10/31/18 14:35	
ASTM D2974-87	Percent Moisture	15.3	%	0.10	10/29/18 09:36	
<b>40178071012</b>	<b>TP-6 (5'-6')</b>					
EPA 6010	Arsenic	6.7	mg/kg	5.5	10/30/18 21:14	
EPA 6010	Barium	92.2	mg/kg	0.55	10/30/18 21:14	
EPA 6010	Chromium	19.4	mg/kg	1.1	10/30/18 21:14	
EPA 6010	Lead	19.3	mg/kg	2.2	10/30/18 21:14	
EPA 8270 by SIM	Acenaphthene	20.1J	ug/kg	29.3	10/31/18 16:36	
EPA 8270 by SIM	Acenaphthylene	62.5	ug/kg	25.0	10/31/18 16:36	
EPA 8270 by SIM	Anthracene	119	ug/kg	43.1	10/31/18 16:36	
EPA 8270 by SIM	Benzo(a)anthracene	428	ug/kg	24.1	10/31/18 16:36	
EPA 8270 by SIM	Benzo(a)pyrene	473	ug/kg	19.0	10/31/18 16:36	
EPA 8270 by SIM	Benzo(b)fluoranthene	697	ug/kg	21.4	10/31/18 16:36	
EPA 8270 by SIM	Benzo(g,h,i)perylene	214	ug/kg	15.4	10/31/18 16:36	
EPA 8270 by SIM	Benzo(k)fluoranthene	251	ug/kg	19.0	10/31/18 16:36	
EPA 8270 by SIM	Chrysene	462	ug/kg	25.4	10/31/18 16:36	
EPA 8270 by SIM	Dibenz(a,h)anthracene	65.7	ug/kg	16.9	10/31/18 16:36	
EPA 8270 by SIM	Fluoranthene	800	ug/kg	39.5	10/31/18 16:36	
EPA 8270 by SIM	Fluorene	28.0J	ug/kg	31.3	10/31/18 16:36	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	197	ug/kg	16.6	10/31/18 16:36	
EPA 8270 by SIM	1-Methylnaphthalene	106	ug/kg	30.4	10/31/18 16:36	
EPA 8270 by SIM	2-Methylnaphthalene	170	ug/kg	37.9	10/31/18 16:36	
EPA 8270 by SIM	Naphthalene	92.2	ug/kg	63.8	10/31/18 16:36	
EPA 8270 by SIM	Phenanthrene	398	ug/kg	88.1	10/31/18 16:36	
EPA 8270 by SIM	Pyrene	702	ug/kg	34.1	10/31/18 16:36	
ASTM D2974-87	Percent Moisture	12.0	%	0.10	10/29/18 09:36	
<b>40178071013</b>	<b>TP-0 (1'-2')</b>					
EPA 6010	Arsenic	7.4	mg/kg	5.6	10/30/18 21:16	

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40178071013</b>	<b>TP-0 (1'-2')</b>					
EPA 6010	Barium	82.0	mg/kg	0.56	10/30/18 21:16	
EPA 6010	Chromium	14.8	mg/kg	1.1	10/30/18 21:16	
EPA 6010	Lead	21.3	mg/kg	2.2	10/30/18 21:16	
EPA 7471	Mercury	0.048J	mg/kg	0.13	10/30/18 12:42	
EPA 8270 by SIM	Acenaphthene	19.8J	ug/kg	30.1	11/01/18 14:17	
EPA 8270 by SIM	Acenaphthylene	100	ug/kg	25.7	11/01/18 14:17	
EPA 8270 by SIM	Anthracene	149	ug/kg	44.4	11/01/18 14:17	
EPA 8270 by SIM	Benzo(a)anthracene	383	ug/kg	24.7	11/01/18 14:17	
EPA 8270 by SIM	Benzo(a)pyrene	655	ug/kg	19.5	11/01/18 14:17	
EPA 8270 by SIM	Benzo(b)fluoranthene	874	ug/kg	22.0	11/01/18 14:17	
EPA 8270 by SIM	Benzo(g,h,i)perylene	881	ug/kg	15.8	11/01/18 14:17	
EPA 8270 by SIM	Benzo(k)fluoranthene	270	ug/kg	19.5	11/01/18 14:17	
EPA 8270 by SIM	Chrysene	423	ug/kg	26.1	11/01/18 14:17	
EPA 8270 by SIM	Dibenz(a,h)anthracene	197	ug/kg	17.4	11/01/18 14:17	
EPA 8270 by SIM	Fluoranthene	676	ug/kg	40.6	11/01/18 14:17	
EPA 8270 by SIM	Fluorene	36.3	ug/kg	32.2	11/01/18 14:17	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	566	ug/kg	17.1	11/01/18 14:17	
EPA 8270 by SIM	2-Methylnaphthalene	13.1J	ug/kg	39.0	11/01/18 14:17	
EPA 8270 by SIM	Naphthalene	20.6J	ug/kg	65.6	11/01/18 14:17	
EPA 8270 by SIM	Phenanthrene	316	ug/kg	90.6	11/01/18 14:17	
EPA 8270 by SIM	Pyrene	600	ug/kg	35.0	11/01/18 14:17	
EPA 8260	Methylene Chloride	33.9J	ug/kg	70.1	10/25/18 23:00	
ASTM D2974-87	Percent Moisture	14.5	%	0.10	10/29/18 09:36	
<b>40178071014</b>	<b>TP-0 (9'-10')</b>					
EPA 6010	Arsenic	7.4	mg/kg	6.4	10/30/18 21:19	
EPA 6010	Barium	116	mg/kg	0.64	10/30/18 21:19	
EPA 6010	Chromium	30.4	mg/kg	1.3	10/30/18 21:19	
EPA 6010	Lead	13.3	mg/kg	2.6	10/30/18 21:19	
EPA 7471	Mercury	0.051J	mg/kg	0.14	10/30/18 12:44	
EPA 8270 by SIM	Benzo(b)fluoranthene	4.6J	ug/kg	12.4	10/30/18 16:12	
EPA 8270 by SIM	Fluoranthene	7.1J	ug/kg	22.9	10/30/18 16:12	
ASTM D2974-87	Percent Moisture	24.0	%	0.10	10/29/18 09:36	
<b>40178071015</b>	<b>TP-3 (6'-7')</b>					
EPA 6010	Arsenic	4.6J	mg/kg	5.4	10/30/18 21:21	
EPA 6010	Barium	37.9	mg/kg	0.54	10/30/18 21:21	
EPA 6010	Chromium	8.7	mg/kg	1.1	10/30/18 21:21	
EPA 6010	Lead	13.8	mg/kg	2.1	10/30/18 21:21	
EPA 8270 by SIM	Acenaphthene	64.9	ug/kg	55.8	10/31/18 16:02	
EPA 8270 by SIM	Acenaphthylene	40.7J	ug/kg	47.6	10/31/18 16:02	
EPA 8270 by SIM	Anthracene	274	ug/kg	82.1	10/31/18 16:02	
EPA 8270 by SIM	Benzo(a)anthracene	766	ug/kg	45.8	10/31/18 16:02	
EPA 8270 by SIM	Benzo(a)pyrene	776	ug/kg	36.2	10/31/18 16:02	
EPA 8270 by SIM	Benzo(b)fluoranthene	1160	ug/kg	40.7	10/31/18 16:02	
EPA 8270 by SIM	Benzo(g,h,i)perylene	358	ug/kg	29.3	10/31/18 16:02	
EPA 8270 by SIM	Benzo(k)fluoranthene	444	ug/kg	36.1	10/31/18 16:02	
EPA 8270 by SIM	Chrysene	811	ug/kg	48.4	10/31/18 16:02	

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40178071015</b>	<b>TP-3 (6'-7')</b>					
EPA 8270 by SIM	Dibenz(a,h)anthracene	102	ug/kg	32.2	10/31/18 16:02	
EPA 8270 by SIM	Fluoranthene	1860	ug/kg	75.2	10/31/18 16:02	
EPA 8270 by SIM	Fluorene	87.9	ug/kg	59.7	10/31/18 16:02	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	316	ug/kg	31.7	10/31/18 16:02	
EPA 8270 by SIM	1-Methylnaphthalene	18.8J	ug/kg	57.9	10/31/18 16:02	
EPA 8270 by SIM	Phenanthrene	1080	ug/kg	168	10/31/18 16:02	
EPA 8270 by SIM	Pyrene	1430	ug/kg	64.8	10/31/18 16:02	
ASTM D2974-87	Percent Moisture	7.5	%	0.10	10/29/18 09:37	
<b>40178071016</b>	<b>TP-2 (1'-2')</b>					
EPA 6010	Arsenic	7.5	mg/kg	5.4	10/30/18 21:23	
EPA 6010	Barium	79.8	mg/kg	0.54	10/30/18 21:23	
EPA 6010	Cadmium	0.27J	mg/kg	0.54	10/30/18 21:23	
EPA 6010	Chromium	19.9	mg/kg	1.1	10/30/18 21:23	
EPA 6010	Lead	134	mg/kg	2.2	10/30/18 21:23	
EPA 7471	Mercury	0.050J	mg/kg	0.13	10/30/18 12:49	
EPA 8270 by SIM	Anthracene	35.4J	ug/kg	110	11/01/18 14:00	
EPA 8270 by SIM	Benzo(a)anthracene	156	ug/kg	61.5	11/01/18 14:00	
EPA 8270 by SIM	Benzo(a)pyrene	150	ug/kg	48.5	11/01/18 14:00	
EPA 8270 by SIM	Benzo(b)fluoranthene	213	ug/kg	54.6	11/01/18 14:00	
EPA 8270 by SIM	Benzo(g,h,i)perylene	108	ug/kg	39.3	11/01/18 14:00	
EPA 8270 by SIM	Benzo(k)fluoranthene	83.1	ug/kg	48.5	11/01/18 14:00	
EPA 8270 by SIM	Chrysene	210	ug/kg	65.0	11/01/18 14:00	
EPA 8270 by SIM	Dibenz(a,h)anthracene	28.9J	ug/kg	43.2	11/01/18 14:00	
EPA 8270 by SIM	Fluoranthene	266	ug/kg	101	11/01/18 14:00	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	80.8	ug/kg	42.5	11/01/18 14:00	
EPA 8270 by SIM	Phenanthrene	175J	ug/kg	225	11/01/18 14:00	
EPA 8270 by SIM	Pyrene	237	ug/kg	87.0	11/01/18 14:00	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	10/29/18 09:37	
<b>40178071017</b>	<b>TP-2 (11'-12')</b>					
EPA 6010	Arsenic	6.3J	mg/kg	7.2	10/30/18 21:26	
EPA 6010	Barium	212	mg/kg	0.72	10/30/18 21:26	
EPA 6010	Chromium	28.0	mg/kg	1.4	10/30/18 21:26	
EPA 6010	Lead	12.2	mg/kg	2.9	10/30/18 21:26	
EPA 7471	Mercury	0.063J	mg/kg	0.16	10/30/18 12:51	
EPA 8270 by SIM	Acenaphthene	22.4	ug/kg	18.9	10/31/18 15:27	
EPA 8270 by SIM	Acenaphthylene	31.4	ug/kg	16.1	10/31/18 15:27	
EPA 8270 by SIM	Anthracene	105	ug/kg	27.8	10/31/18 15:27	
EPA 8270 by SIM	Benzo(a)anthracene	382	ug/kg	15.5	10/31/18 15:27	
EPA 8270 by SIM	Benzo(a)pyrene	403	ug/kg	12.2	10/31/18 15:27	
EPA 8270 by SIM	Benzo(b)fluoranthene	587	ug/kg	13.8	10/31/18 15:27	
EPA 8270 by SIM	Benzo(g,h,i)perylene	185	ug/kg	9.9	10/31/18 15:27	
EPA 8270 by SIM	Benzo(k)fluoranthene	201	ug/kg	12.2	10/31/18 15:27	
EPA 8270 by SIM	Chrysene	383	ug/kg	16.4	10/31/18 15:27	
EPA 8270 by SIM	Dibenz(a,h)anthracene	56.5	ug/kg	10.9	10/31/18 15:27	
EPA 8270 by SIM	Fluoranthene	746	ug/kg	25.5	10/31/18 15:27	
EPA 8270 by SIM	Fluorene	33.4	ug/kg	20.2	10/31/18 15:27	

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40178071017</b>	<b>TP-2 (11'-12')</b>					
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	171	ug/kg	10.7	10/31/18 15:27	
EPA 8270 by SIM	1-Methylnaphthalene	7.2J	ug/kg	19.6	10/31/18 15:27	
EPA 8270 by SIM	2-Methylnaphthalene	9.0J	ug/kg	24.4	10/31/18 15:27	
EPA 8270 by SIM	Naphthalene	21.0J	ug/kg	41.1	10/31/18 15:27	
EPA 8270 by SIM	Phenanthrene	331	ug/kg	56.8	10/31/18 15:27	
EPA 8270 by SIM	Pyrene	640	ug/kg	22.0	10/31/18 15:27	
ASTM D2974-87	Percent Moisture	31.6	%	0.10	10/29/18 09:37	
<b>40178071018</b>	<b>TP-1 (8'-9')</b>					
EPA 6010	Arsenic	5.9	mg/kg	5.7	10/30/18 21:28	
EPA 6010	Barium	63.9	mg/kg	0.57	10/30/18 21:28	
EPA 6010	Chromium	15.1	mg/kg	1.1	10/30/18 21:28	
EPA 6010	Lead	28.1	mg/kg	2.3	10/30/18 21:28	
EPA 7471	Mercury	0.11J	mg/kg	0.13	10/30/18 12:54	
EPA 8270 by SIM	Acenaphthylene	88.2	ug/kg	64.8	10/31/18 16:19	
EPA 8270 by SIM	Anthracene	294	ug/kg	112	10/31/18 16:19	
EPA 8270 by SIM	Benzo(a)anthracene	843	ug/kg	62.5	10/31/18 16:19	
EPA 8270 by SIM	Benzo(a)pyrene	739	ug/kg	49.3	10/31/18 16:19	
EPA 8270 by SIM	Benzo(b)fluoranthene	1290	ug/kg	55.5	10/31/18 16:19	
EPA 8270 by SIM	Benzo(g,h,i)perylene	358	ug/kg	39.9	10/31/18 16:19	
EPA 8270 by SIM	Benzo(k)fluoranthene	524	ug/kg	49.3	10/31/18 16:19	
EPA 8270 by SIM	Chrysene	1000	ug/kg	66.0	10/31/18 16:19	
EPA 8270 by SIM	Dibenz(a,h)anthracene	131	ug/kg	43.9	10/31/18 16:19	
EPA 8270 by SIM	Fluoranthene	2010	ug/kg	103	10/31/18 16:19	
EPA 8270 by SIM	Fluorene	29.2J	ug/kg	81.3	10/31/18 16:19	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	354	ug/kg	43.2	10/31/18 16:19	
EPA 8270 by SIM	Phenanthrene	810	ug/kg	229	10/31/18 16:19	
EPA 8270 by SIM	Pyrene	1560	ug/kg	88.4	10/31/18 16:19	
ASTM D2974-87	Percent Moisture	15.3	%	0.10	10/29/18 09:37	
<b>40178071019</b>	<b>TP-4 (6'-7')</b>					
EPA 6010	Arsenic	5.3J	mg/kg	5.5	10/30/18 21:35	
EPA 6010	Barium	74.8	mg/kg	0.55	10/30/18 21:35	
EPA 6010	Chromium	14.8	mg/kg	1.1	10/30/18 21:35	
EPA 6010	Lead	18.7	mg/kg	2.2	10/30/18 21:35	
EPA 7471	Mercury	0.056J	mg/kg	0.13	10/30/18 12:56	
EPA 8270 by SIM	Acenaphthene	9.0J	ug/kg	15.2	10/31/18 15:44	
EPA 8270 by SIM	Acenaphthylene	8.1J	ug/kg	13.0	10/31/18 15:44	
EPA 8270 by SIM	Anthracene	28.8	ug/kg	22.4	10/31/18 15:44	
EPA 8270 by SIM	Benzo(a)anthracene	122	ug/kg	12.5	10/31/18 15:44	
EPA 8270 by SIM	Benzo(a)pyrene	133	ug/kg	9.9	10/31/18 15:44	
EPA 8270 by SIM	Benzo(b)fluoranthene	183	ug/kg	11.1	10/31/18 15:44	
EPA 8270 by SIM	Benzo(g,h,i)perylene	68.0	ug/kg	8.0	10/31/18 15:44	
EPA 8270 by SIM	Benzo(k)fluoranthene	74.2	ug/kg	9.9	10/31/18 15:44	
EPA 8270 by SIM	Chrysene	141	ug/kg	13.2	10/31/18 15:44	
EPA 8270 by SIM	Dibenz(a,h)anthracene	19.7	ug/kg	8.8	10/31/18 15:44	
EPA 8270 by SIM	Fluoranthene	260	ug/kg	20.5	10/31/18 15:44	
EPA 8270 by SIM	Fluorene	12.3J	ug/kg	16.3	10/31/18 15:44	

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## SUMMARY OF DETECTION

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40178071019</b>	<b>TP-4 (6'-7')</b>					
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	63.0	ug/kg	8.6	10/31/18 15:44	
EPA 8270 by SIM	2-Methylnaphthalene	6.6J	ug/kg	19.7	10/31/18 15:44	
EPA 8270 by SIM	Naphthalene	13.8J	ug/kg	33.1	10/31/18 15:44	
EPA 8270 by SIM	Phenanthrene	121	ug/kg	45.8	10/31/18 15:44	
EPA 8270 by SIM	Pyrene	224	ug/kg	17.7	10/31/18 15:44	
ASTM D2974-87	Percent Moisture	15.3	%	0.10	10/22/18 11:39	

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Sample: TP-7 (7.5'-8') Lab ID: 40178071001 Collected: 10/17/18 08:45 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	3.8J	mg/kg	5.6	1.2	1	10/27/18 07:12	10/30/18 20:45	7440-38-2	
Barium	22.4	mg/kg	0.56	0.17	1	10/27/18 07:12	10/30/18 20:45	7440-39-3	
Cadmium	<0.15	mg/kg	0.56	0.15	1	10/27/18 07:12	10/30/18 20:45	7440-43-9	
Chromium	9.0	mg/kg	1.1	0.31	1	10/27/18 07:12	10/30/18 20:45	7440-47-3	
Lead	2.0J	mg/kg	2.2	0.67	1	10/27/18 07:12	10/30/18 20:45	7439-92-1	
Selenium	<1.5	mg/kg	4.9	1.5	1	10/27/18 07:12	10/30/18 20:45	7782-49-2	
Silver	<0.39	mg/kg	1.1	0.39	1	10/27/18 07:12	10/30/18 20:45	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.039	mg/kg	0.13	0.039	1	10/29/18 08:32	10/30/18 11:59	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.4	ug/kg	14.7	4.4	1	10/29/18 09:27	10/29/18 18:40	83-32-9	
Acenaphthylene	<3.7	ug/kg	12.5	3.7	1	10/29/18 09:27	10/29/18 18:40	208-96-8	
Anthracene	<6.5	ug/kg	21.6	6.5	1	10/29/18 09:27	10/29/18 18:40	120-12-7	
Benzo(a)anthracene	4.5J	ug/kg	12.1	3.6	1	10/29/18 09:27	10/29/18 18:40	56-55-3	
Benzo(a)pyrene	<2.9	ug/kg	9.5	2.9	1	10/29/18 09:27	10/29/18 18:40	50-32-8	
Benzo(b)fluoranthene	4.3J	ug/kg	10.7	3.2	1	10/29/18 09:27	10/29/18 18:40	205-99-2	
Benzo(g,h,i)perylene	<2.3	ug/kg	7.7	2.3	1	10/29/18 09:27	10/29/18 18:40	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	9.5	2.9	1	10/29/18 09:27	10/29/18 18:40	207-08-9	
Chrysene	<3.8	ug/kg	12.7	3.8	1	10/29/18 09:27	10/29/18 18:40	218-01-9	
Dibenz(a,h)anthracene	<2.5	ug/kg	8.5	2.5	1	10/29/18 09:27	10/29/18 18:40	53-70-3	
Fluoranthene	10.6J	ug/kg	19.8	5.9	1	10/29/18 09:27	10/29/18 18:40	206-44-0	
Fluorene	<4.7	ug/kg	15.7	4.7	1	10/29/18 09:27	10/29/18 18:40	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.5	ug/kg	8.3	2.5	1	10/29/18 09:27	10/29/18 18:40	193-39-5	
1-Methylnaphthalene	<4.6	ug/kg	15.2	4.6	1	10/29/18 09:27	10/29/18 18:40	90-12-0	
2-Methylnaphthalene	<5.7	ug/kg	19.0	5.7	1	10/29/18 09:27	10/29/18 18:40	91-57-6	
Naphthalene	<9.6	ug/kg	31.9	9.6	1	10/29/18 09:27	10/29/18 18:40	91-20-3	
Phenanthrene	<13.2	ug/kg	44.1	13.2	1	10/29/18 09:27	10/29/18 18:40	85-01-8	
Pyrene	5.7J	ug/kg	17.1	5.1	1	10/29/18 09:27	10/29/18 18:40	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	73	%	10-115		1	10/29/18 09:27	10/29/18 18:40	321-60-8	
Terphenyl-d14 (S)	60	%	10-121		1	10/29/18 09:27	10/29/18 18:40	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 21:04	120-82-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Sample: TP-7 (7.5'-8') Lab ID: 40178071001 Collected: 10/17/18 08:45 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 21:04	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 21:04	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 21:04	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 21:04	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 21:04	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 21:04	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	103-65-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-7 (7.5'-8')**      **Lab ID: 40178071001**      Collected: 10/17/18 08:45      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:04	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	57-148		1	10/22/18 08:45	10/25/18 21:04	1868-53-7	
Toluene-d8 (S)	113	%	58-142		1	10/22/18 08:45	10/25/18 21:04	2037-26-5	
4-Bromofluorobenzene (S)	117	%	48-130		1	10/22/18 08:45	10/25/18 21:04	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	11.9	%	0.10	0.10	1		10/29/18 09:34		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

**Sample: TP-8 (3'-4')**      **Lab ID: 40178071002**      Collected: 10/17/18 09:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	10.3	mg/kg	6.2	1.3	1	10/27/18 07:12	10/30/18 20:47	7440-38-2	
Barium	81.2	mg/kg	0.62	0.19	1	10/27/18 07:12	10/30/18 20:47	7440-39-3	
Cadmium	0.25J	mg/kg	0.62	0.17	1	10/27/18 07:12	10/30/18 20:47	7440-43-9	
Chromium	44.9	mg/kg	1.2	0.35	1	10/27/18 07:12	10/30/18 20:47	7440-47-3	
Lead	6.6	mg/kg	2.5	0.74	1	10/27/18 07:12	10/30/18 20:47	7439-92-1	
Selenium	10.4	mg/kg	5.4	1.6	1	10/27/18 07:12	10/30/18 20:47	7782-49-2	
Silver	<0.43	mg/kg	1.2	0.43	1	10/27/18 07:12	10/30/18 20:47	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	<0.040	mg/kg	0.13	0.040	1	10/29/18 08:32	10/30/18 12:06	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<4.9	ug/kg	16.4	4.9	1	10/29/18 09:27	10/29/18 18:58	83-32-9	
Acenaphthylene	9.8J	ug/kg	14.0	4.2	1	10/29/18 09:27	10/29/18 18:58	208-96-8	
Anthracene	10.3J	ug/kg	24.1	7.2	1	10/29/18 09:27	10/29/18 18:58	120-12-7	
Benzo(a)anthracene	40.3	ug/kg	13.4	4.0	1	10/29/18 09:27	10/29/18 18:58	56-55-3	
Benzo(a)pyrene	38.6	ug/kg	10.6	3.2	1	10/29/18 09:27	10/29/18 18:58	50-32-8	
Benzo(b)fluoranthene	70.1	ug/kg	11.9	3.6	1	10/29/18 09:27	10/29/18 18:58	205-99-2	
Benzo(g,h,i)perylene	25.5	ug/kg	8.6	2.6	1	10/29/18 09:27	10/29/18 18:58	191-24-2	
Benzo(k)fluoranthene	27.4	ug/kg	10.6	3.2	1	10/29/18 09:27	10/29/18 18:58	207-08-9	
Chrysene	51.7	ug/kg	14.2	4.3	1	10/29/18 09:27	10/29/18 18:58	218-01-9	
Dibenz(a,h)anthracene	7.3J	ug/kg	9.5	2.8	1	10/29/18 09:27	10/29/18 18:58	53-70-3	
Fluoranthene	120	ug/kg	22.1	6.6	1	10/29/18 09:27	10/29/18 18:58	206-44-0	
Fluorene	<5.3	ug/kg	17.5	5.3	1	10/29/18 09:27	10/29/18 18:58	86-73-7	
Indeno(1,2,3-cd)pyrene	21.6	ug/kg	9.3	2.8	1	10/29/18 09:27	10/29/18 18:58	193-39-5	
1-Methylnaphthalene	7.7J	ug/kg	17.0	5.1	1	10/29/18 09:27	10/29/18 18:58	90-12-0	
2-Methylnaphthalene	10.5J	ug/kg	21.2	6.3	1	10/29/18 09:27	10/29/18 18:58	91-57-6	
Naphthalene	15.8J	ug/kg	35.6	10.7	1	10/29/18 09:27	10/29/18 18:58	91-20-3	
Phenanthrene	59.9	ug/kg	49.2	14.8	1	10/29/18 09:27	10/29/18 18:58	85-01-8	
Pyrene	78.8	ug/kg	19.0	5.7	1	10/29/18 09:27	10/29/18 18:58	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	10-115		1	10/29/18 09:27	10/29/18 18:58	321-60-8	
Terphenyl-d14 (S)	53	%	10-121		1	10/29/18 09:27	10/29/18 18:58	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 18:45	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-8 (3'-4')**      **Lab ID: 40178071002**      Collected: 10/17/18 09:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 18:45	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 18:45	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 18:45	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 18:45	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 18:45	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 18:45	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

**Sample: TP-8 (3'-4')**      **Lab ID: 40178071002**      Collected: 10/17/18 09:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 18:45	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	57-148		1	10/22/18 08:45	10/25/18 18:45	1868-53-7	
Toluene-d8 (S)	105	%	58-142		1	10/22/18 08:45	10/25/18 18:45	2037-26-5	
4-Bromofluorobenzene (S)	101	%	48-130		1	10/22/18 08:45	10/25/18 18:45	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	21.2	%	0.10	0.10	1		10/29/18 09:35		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-9 (5'-6')**      **Lab ID: 40178071003**      Collected: 10/17/18 10:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2.3J	mg/kg	6.1	1.3	1	10/27/18 07:12	10/30/18 20:50	7440-38-2	
Barium	11.3	mg/kg	0.61	0.18	1	10/27/18 07:12	10/30/18 20:50	7440-39-3	
Cadmium	<0.16	mg/kg	0.61	0.16	1	10/27/18 07:12	10/30/18 20:50	7440-43-9	
Chromium	4.7	mg/kg	1.2	0.34	1	10/27/18 07:12	10/30/18 20:50	7440-47-3	
Lead	1.3J	mg/kg	2.4	0.73	1	10/27/18 07:12	10/30/18 20:50	7439-92-1	
Selenium	<1.6	mg/kg	5.3	1.6	1	10/27/18 07:12	10/30/18 20:50	7782-49-2	
Silver	<0.42	mg/kg	1.2	0.42	1	10/27/18 07:12	10/30/18 20:50	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.041	mg/kg	0.14	0.041	1	10/29/18 08:32	10/30/18 12:13	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.9	ug/kg	16.4	4.9	1	10/29/18 09:27	10/29/18 19:15	83-32-9	
Acenaphthylene	<4.2	ug/kg	14.0	4.2	1	10/29/18 09:27	10/29/18 19:15	208-96-8	
Anthracene	<7.3	ug/kg	24.2	7.3	1	10/29/18 09:27	10/29/18 19:15	120-12-7	
Benzo(a)anthracene	<4.0	ug/kg	13.5	4.0	1	10/29/18 09:27	10/29/18 19:15	56-55-3	
Benzo(a)pyrene	<3.2	ug/kg	10.6	3.2	1	10/29/18 09:27	10/29/18 19:15	50-32-8	
Benzo(b)fluoranthene	<3.6	ug/kg	12.0	3.6	1	10/29/18 09:27	10/29/18 19:15	205-99-2	
Benzo(g,h,i)perylene	<2.6	ug/kg	8.6	2.6	1	10/29/18 09:27	10/29/18 19:15	191-24-2	
Benzo(k)fluoranthene	<3.2	ug/kg	10.6	3.2	1	10/29/18 09:27	10/29/18 19:15	207-08-9	
Chrysene	<4.3	ug/kg	14.3	4.3	1	10/29/18 09:27	10/29/18 19:15	218-01-9	
Dibenz(a,h)anthracene	<2.8	ug/kg	9.5	2.8	1	10/29/18 09:27	10/29/18 19:15	53-70-3	
Fluoranthene	<6.6	ug/kg	22.1	6.6	1	10/29/18 09:27	10/29/18 19:15	206-44-0	
Fluorene	<5.3	ug/kg	17.6	5.3	1	10/29/18 09:27	10/29/18 19:15	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.8	ug/kg	9.3	2.8	1	10/29/18 09:27	10/29/18 19:15	193-39-5	
1-Methylnaphthalene	<5.1	ug/kg	17.0	5.1	1	10/29/18 09:27	10/29/18 19:15	90-12-0	
2-Methylnaphthalene	<6.4	ug/kg	21.2	6.4	1	10/29/18 09:27	10/29/18 19:15	91-57-6	
Naphthalene	<10.7	ug/kg	35.8	10.7	1	10/29/18 09:27	10/29/18 19:15	91-20-3	
Phenanthrene	<14.8	ug/kg	49.4	14.8	1	10/29/18 09:27	10/29/18 19:15	85-01-8	
Pyrene	<5.7	ug/kg	19.1	5.7	1	10/29/18 09:27	10/29/18 19:15	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	79	%	10-115		1	10/29/18 09:27	10/29/18 19:15	321-60-8	
Terphenyl-d14 (S)	75	%	10-121		1	10/29/18 09:27	10/29/18 19:15	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 19:08	120-82-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-9 (5'-6')**      **Lab ID: 40178071003**      Collected: 10/17/18 10:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 19:08	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 19:08	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 19:08	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 19:08	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 19:08	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 19:08	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	103-65-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-9 (5'-6')**      **Lab ID: 40178071003**      Collected: 10/17/18 10:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:08	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	97	%	57-148		1	10/22/18 08:45	10/25/18 19:08	1868-53-7	
Toluene-d8 (S)	104	%	58-142		1	10/22/18 08:45	10/25/18 19:08	2037-26-5	
4-Bromofluorobenzene (S)	105	%	48-130		1	10/22/18 08:45	10/25/18 19:08	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	21.5	%	0.10	0.10	1		10/29/18 09:35		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-10 (5'-6')**      **Lab ID: 40178071004**      Collected: 10/17/18 10:45      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>6.3J</b>	mg/kg	7.5	1.6	1	10/27/18 07:12	10/30/18 20:52	7440-38-2	
Barium	<b>82.1</b>	mg/kg	0.75	0.23	1	10/27/18 07:12	10/30/18 20:52	7440-39-3	
Cadmium	<b>0.36J</b>	mg/kg	0.75	0.20	1	10/27/18 07:12	10/30/18 20:52	7440-43-9	
Chromium	<b>28.3</b>	mg/kg	1.5	0.42	1	10/27/18 07:12	10/30/18 20:52	7440-47-3	
Lead	<b>8.4</b>	mg/kg	3.0	0.90	1	10/27/18 07:12	10/30/18 20:52	7439-92-1	
Selenium	<b>3.9J</b>	mg/kg	6.5	2.0	1	10/27/18 07:12	10/30/18 20:52	7782-49-2	
Silver	<b>&lt;0.52</b>	mg/kg	1.5	0.52	1	10/27/18 07:12	10/30/18 20:52	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>&lt;0.051</b>	mg/kg	0.17	0.051	1	10/29/18 08:32	10/30/18 12:15	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;6.1</b>	ug/kg	20.1	6.1	1	10/29/18 09:27	10/29/18 19:32	83-32-9	
Acenaphthylene	<b>&lt;5.1</b>	ug/kg	17.2	5.1	1	10/29/18 09:27	10/29/18 19:32	208-96-8	
Anthracene	<b>&lt;8.9</b>	ug/kg	29.6	8.9	1	10/29/18 09:27	10/29/18 19:32	120-12-7	
Benzo(a)anthracene	<b>14.0J</b>	ug/kg	16.5	4.9	1	10/29/18 09:27	10/29/18 19:32	56-55-3	
Benzo(a)pyrene	<b>6.2J</b>	ug/kg	13.1	3.9	1	10/29/18 09:27	10/29/18 19:32	50-32-8	
Benzo(b)fluoranthene	<b>39.5</b>	ug/kg	14.7	4.4	1	10/29/18 09:27	10/29/18 19:32	205-99-2	
Benzo(g,h,i)perylene	<b>7.0J</b>	ug/kg	10.6	3.2	1	10/29/18 09:27	10/29/18 19:32	191-24-2	
Benzo(k)fluoranthene	<b>9.0J</b>	ug/kg	13.0	3.9	1	10/29/18 09:27	10/29/18 19:32	207-08-9	
Chrysene	<b>37.6</b>	ug/kg	17.5	5.3	1	10/29/18 09:27	10/29/18 19:32	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;3.5</b>	ug/kg	11.6	3.5	1	10/29/18 09:27	10/29/18 19:32	53-70-3	
Fluoranthene	<b>136</b>	ug/kg	27.1	8.1	1	10/29/18 09:27	10/29/18 19:32	206-44-0	
Fluorene	<b>&lt;6.5</b>	ug/kg	21.5	6.5	1	10/29/18 09:27	10/29/18 19:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>8.0J</b>	ug/kg	11.4	3.4	1	10/29/18 09:27	10/29/18 19:32	193-39-5	
1-Methylnaphthalene	<b>&lt;6.3</b>	ug/kg	20.9	6.3	1	10/29/18 09:27	10/29/18 19:32	90-12-0	
2-Methylnaphthalene	<b>&lt;7.8</b>	ug/kg	26.1	7.8	1	10/29/18 09:27	10/29/18 19:32	91-57-6	
Naphthalene	<b>&lt;13.1</b>	ug/kg	43.8	13.1	1	10/29/18 09:27	10/29/18 19:32	91-20-3	
Phenanthrene	<b>66.2</b>	ug/kg	60.5	18.2	1	10/29/18 09:27	10/29/18 19:32	85-01-8	
Pyrene	<b>52.5</b>	ug/kg	23.4	7.0	1	10/29/18 09:27	10/29/18 19:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	10-115		1	10/29/18 09:27	10/29/18 19:32	321-60-8	
Terphenyl-d14 (S)	40	%	10-121		1	10/29/18 09:27	10/29/18 19:32	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 16:20	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-10 (5'-6')**      **Lab ID: 40178071004**      Collected: 10/17/18 10:45      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 16:20	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 16:20	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 16:20	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 16:20	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 16:20	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 16:20	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-10 (5'-6')**      **Lab ID: 40178071004**      Collected: 10/17/18 10:45      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 16:20	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	57-148		1	10/22/18 08:45	10/25/18 16:20	1868-53-7	
Toluene-d8 (S)	118	%	58-142		1	10/22/18 08:45	10/25/18 16:20	2037-26-5	
4-Bromofluorobenzene (S)	125	%	48-130		1	10/22/18 08:45	10/25/18 16:20	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>36.0</b>	%	0.10	0.10	1		10/29/18 09:35		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

**Sample: TP-11 (3'-4')**      **Lab ID: 40178071005**      Collected: 10/17/18 11:15      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>4.4J</b>	mg/kg	8.9	1.9	1	10/27/18 07:12	10/30/18 20:55	7440-38-2	
Barium	<b>173</b>	mg/kg	0.89	0.27	1	10/27/18 07:12	10/30/18 20:55	7440-39-3	
Cadmium	<b>0.93</b>	mg/kg	0.89	0.24	1	10/27/18 07:12	10/30/18 20:55	7440-43-9	
Chromium	<b>73.6</b>	mg/kg	1.8	0.50	1	10/27/18 07:12	10/30/18 20:55	7440-47-3	
Lead	<b>9.9</b>	mg/kg	3.6	1.1	1	10/27/18 07:12	10/30/18 20:55	7439-92-1	
Selenium	<b>7.0J</b>	mg/kg	7.8	2.3	1	10/27/18 07:12	10/30/18 20:55	7782-49-2	
Silver	<b>&lt;0.61</b>	mg/kg	1.8	0.61	1	10/27/18 07:12	10/30/18 20:55	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	<b>0.064J</b>	mg/kg	0.20	0.060	1	10/29/18 08:32	10/30/18 12:17	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;7.0</b>	ug/kg	23.3	7.0	1	10/29/18 09:27	10/29/18 19:49	83-32-9	
Acenaphthylene	<b>&lt;6.0</b>	ug/kg	19.9	6.0	1	10/29/18 09:27	10/29/18 19:49	208-96-8	
Anthracene	<b>&lt;10.3</b>	ug/kg	34.3	10.3	1	10/29/18 09:27	10/29/18 19:49	120-12-7	
Benzo(a)anthracene	<b>16.0J</b>	ug/kg	19.1	5.7	1	10/29/18 09:27	10/29/18 19:49	56-55-3	
Benzo(a)pyrene	<b>13.4J</b>	ug/kg	15.1	4.5	1	10/29/18 09:27	10/29/18 19:49	50-32-8	
Benzo(b)fluoranthene	<b>47.7</b>	ug/kg	17.0	5.1	1	10/29/18 09:27	10/29/18 19:49	205-99-2	
Benzo(g,h,i)perylene	<b>12.4</b>	ug/kg	12.2	3.7	1	10/29/18 09:27	10/29/18 19:49	191-24-2	
Benzo(k)fluoranthene	<b>8.6J</b>	ug/kg	15.1	4.5	1	10/29/18 09:27	10/29/18 19:49	207-08-9	
Chrysene	<b>39.9</b>	ug/kg	20.2	6.1	1	10/29/18 09:27	10/29/18 19:49	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;4.0</b>	ug/kg	13.5	4.0	1	10/29/18 09:27	10/29/18 19:49	53-70-3	
Fluoranthene	<b>84.2</b>	ug/kg	31.4	9.4	1	10/29/18 09:27	10/29/18 19:49	206-44-0	
Fluorene	<b>&lt;7.5</b>	ug/kg	24.9	7.5	1	10/29/18 09:27	10/29/18 19:49	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>11.7J</b>	ug/kg	13.2	4.0	1	10/29/18 09:27	10/29/18 19:49	193-39-5	
1-Methylnaphthalene	<b>17.6J</b>	ug/kg	24.2	7.3	1	10/29/18 09:27	10/29/18 19:49	90-12-0	
2-Methylnaphthalene	<b>21.8J</b>	ug/kg	30.2	9.0	1	10/29/18 09:27	10/29/18 19:49	91-57-6	
Naphthalene	<b>21.1J</b>	ug/kg	50.7	15.2	1	10/29/18 09:27	10/29/18 19:49	91-20-3	
Phenanthrene	<b>57.4J</b>	ug/kg	70.1	21.0	1	10/29/18 09:27	10/29/18 19:49	85-01-8	
Pyrene	<b>29.2</b>	ug/kg	27.1	8.1	1	10/29/18 09:27	10/29/18 19:49	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	39	%	10-115		1	10/29/18 09:27	10/29/18 19:49	321-60-8	
Terphenyl-d14 (S)	31	%	10-121		1	10/29/18 09:27	10/29/18 19:49	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 19:31	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Sample: TP-11 (3'-4') Lab ID: 40178071005 Collected: 10/17/18 11:15 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 19:31	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 19:31	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 19:31	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 19:31	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 19:31	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 19:31	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-11 (3'-4')**      **Lab ID: 40178071005**      Collected: 10/17/18 11:15      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:31	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	89	%	57-148		1	10/22/18 08:45	10/25/18 19:31	1868-53-7	
Toluene-d8 (S)	93	%	58-142		1	10/22/18 08:45	10/25/18 19:31	2037-26-5	
4-Bromofluorobenzene (S)	88	%	48-130		1	10/22/18 08:45	10/25/18 19:31	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>44.6</b>	%	0.10	0.10	1		10/29/18 09:35		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-12 (6'-7')**      **Lab ID: 40178071006**      Collected: 10/17/18 12:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	3.6J	mg/kg	6.5	1.4	1	10/27/18 07:12	10/30/18 20:38	7440-38-2	
Barium	10.6	mg/kg	0.65	0.20	1	10/27/18 07:12	10/30/18 20:38	7440-39-3	
Cadmium	<0.17	mg/kg	0.65	0.17	1	10/27/18 07:12	10/30/18 20:38	7440-43-9	
Chromium	5.4	mg/kg	1.3	0.36	1	10/27/18 07:12	10/30/18 20:38	7440-47-3	
Lead	2.6	mg/kg	2.6	0.78	1	10/27/18 07:12	10/30/18 20:38	7439-92-1	
Selenium	<1.7	mg/kg	5.7	1.7	1	10/27/18 07:12	10/30/18 20:38	7782-49-2	
Silver	<0.45	mg/kg	1.3	0.45	1	10/27/18 07:12	10/30/18 20:38	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.043	mg/kg	0.14	0.043	1	10/29/18 08:32	10/30/18 12:20	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<5.1	ug/kg	16.9	5.1	1	10/29/18 09:27	10/29/18 20:07	83-32-9	
Acenaphthylene	<4.3	ug/kg	14.4	4.3	1	10/29/18 09:27	10/29/18 20:07	208-96-8	
Anthracene	<7.5	ug/kg	24.9	7.5	1	10/29/18 09:27	10/29/18 20:07	120-12-7	
Benzo(a)anthracene	<4.2	ug/kg	13.9	4.2	1	10/29/18 09:27	10/29/18 20:07	56-55-3	
Benzo(a)pyrene	<3.3	ug/kg	11.0	3.3	1	10/29/18 09:27	10/29/18 20:07	50-32-8	
Benzo(b)fluoranthene	<3.7	ug/kg	12.3	3.7	1	10/29/18 09:27	10/29/18 20:07	205-99-2	
Benzo(g,h,i)perylene	<2.7	ug/kg	8.9	2.7	1	10/29/18 09:27	10/29/18 20:07	191-24-2	
Benzo(k)fluoranthene	<3.3	ug/kg	10.9	3.3	1	10/29/18 09:27	10/29/18 20:07	207-08-9	
Chrysene	<4.4	ug/kg	14.7	4.4	1	10/29/18 09:27	10/29/18 20:07	218-01-9	
Dibenz(a,h)anthracene	<2.9	ug/kg	9.8	2.9	1	10/29/18 09:27	10/29/18 20:07	53-70-3	
Fluoranthene	<6.8	ug/kg	22.8	6.8	1	10/29/18 09:27	10/29/18 20:07	206-44-0	
Fluorene	<5.4	ug/kg	18.1	5.4	1	10/29/18 09:27	10/29/18 20:07	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.9	ug/kg	9.6	2.9	1	10/29/18 09:27	10/29/18 20:07	193-39-5	
1-Methylnaphthalene	<5.3	ug/kg	17.5	5.3	1	10/29/18 09:27	10/29/18 20:07	90-12-0	
2-Methylnaphthalene	<6.5	ug/kg	21.9	6.5	1	10/29/18 09:27	10/29/18 20:07	91-57-6	
Naphthalene	<11.0	ug/kg	36.8	11.0	1	10/29/18 09:27	10/29/18 20:07	91-20-3	
Phenanthrene	<15.3	ug/kg	50.8	15.3	1	10/29/18 09:27	10/29/18 20:07	85-01-8	
Pyrene	<5.9	ug/kg	19.6	5.9	1	10/29/18 09:27	10/29/18 20:07	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	81	%	10-115		1	10/29/18 09:27	10/29/18 20:07	321-60-8	
Terphenyl-d14 (S)	69	%	10-121		1	10/29/18 09:27	10/29/18 20:07	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 19:55	120-82-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Sample: TP-12 (6'-7') Lab ID: 40178071006 Collected: 10/17/18 12:30 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 19:55	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 19:55	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 19:55	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 19:55	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 19:55	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 19:55	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-12 (6'-7')**      **Lab ID: 40178071006**      Collected: 10/17/18 12:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 19:55	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	96	%	57-148		1	10/22/18 08:45	10/25/18 19:55	1868-53-7	
Toluene-d8 (S)	99	%	58-142		1	10/22/18 08:45	10/25/18 19:55	2037-26-5	
4-Bromofluorobenzene (S)	100	%	48-130		1	10/22/18 08:45	10/25/18 19:55	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>23.7</b>	%	0.10	0.10	1		10/29/18 09:35		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-13 (4'-5')**      **Lab ID: 40178071007**      Collected: 10/17/18 13:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4.0J	mg/kg	5.6	1.2	1	10/27/18 07:12	10/30/18 20:57	7440-38-2	
Barium	22.9	mg/kg	0.56	0.17	1	10/27/18 07:12	10/30/18 20:57	7440-39-3	
Cadmium	<0.15	mg/kg	0.56	0.15	1	10/27/18 07:12	10/30/18 20:57	7440-43-9	
Chromium	7.3	mg/kg	1.1	0.31	1	10/27/18 07:12	10/30/18 20:57	7440-47-3	
Lead	4.8	mg/kg	2.2	0.67	1	10/27/18 07:12	10/30/18 20:57	7439-92-1	
Selenium	<1.5	mg/kg	4.9	1.5	1	10/27/18 07:12	10/30/18 20:57	7782-49-2	
Silver	<0.38	mg/kg	1.1	0.38	1	10/27/18 07:12	10/30/18 20:57	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.039	mg/kg	0.13	0.039	1	10/29/18 08:32	10/30/18 12:22	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.5	ug/kg	15.0	4.5	1	10/29/18 09:27	10/30/18 12:11	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.8	3.8	1	10/29/18 09:27	10/30/18 12:11	208-96-8	
Anthracene	<6.6	ug/kg	22.1	6.6	1	10/29/18 09:27	10/30/18 12:11	120-12-7	
Benzo(a)anthracene	<3.7	ug/kg	12.3	3.7	1	10/29/18 09:27	10/30/18 12:11	56-55-3	
Benzo(a)pyrene	<2.9	ug/kg	9.7	2.9	1	10/29/18 09:27	10/30/18 12:11	50-32-8	
Benzo(b)fluoranthene	<3.3	ug/kg	11.0	3.3	1	10/29/18 09:27	10/30/18 12:11	205-99-2	
Benzo(g,h,i)perylene	<2.4	ug/kg	7.9	2.4	1	10/29/18 09:27	10/30/18 12:11	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	9.7	2.9	1	10/29/18 09:27	10/30/18 12:11	207-08-9	
Chrysene	<3.9	ug/kg	13.0	3.9	1	10/29/18 09:27	10/30/18 12:11	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.7	2.6	1	10/29/18 09:27	10/30/18 12:11	53-70-3	
Fluoranthene	<6.1	ug/kg	20.3	6.1	1	10/29/18 09:27	10/30/18 12:11	206-44-0	
Fluorene	<4.8	ug/kg	16.1	4.8	1	10/29/18 09:27	10/30/18 12:11	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.6	ug/kg	8.5	2.6	1	10/29/18 09:27	10/30/18 12:11	193-39-5	
1-Methylnaphthalene	<4.7	ug/kg	15.6	4.7	1	10/29/18 09:27	10/30/18 12:11	90-12-0	
2-Methylnaphthalene	<5.8	ug/kg	19.4	5.8	1	10/29/18 09:27	10/30/18 12:11	91-57-6	
Naphthalene	<9.8	ug/kg	32.7	9.8	1	10/29/18 09:27	10/30/18 12:11	91-20-3	
Phenanthrene	<13.6	ug/kg	45.2	13.6	1	10/29/18 09:27	10/30/18 12:11	85-01-8	
Pyrene	<5.3	ug/kg	17.5	5.3	1	10/29/18 09:27	10/30/18 12:11	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	65	%	10-115		1	10/29/18 09:27	10/30/18 12:11	321-60-8	
Terphenyl-d14 (S)	57	%	10-121		1	10/29/18 09:27	10/30/18 12:11	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 20:18	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-13 (4'-5')**      **Lab ID: 40178071007**      Collected: 10/17/18 13:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 20:18	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 20:18	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 20:18	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 20:18	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 20:18	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 20:18	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-13 (4'-5')**      **Lab ID: 40178071007**      Collected: 10/17/18 13:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:18	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	57-148		1	10/22/18 08:45	10/25/18 20:18	1868-53-7	
Toluene-d8 (S)	102	%	58-142		1	10/22/18 08:45	10/25/18 20:18	2037-26-5	
4-Bromofluorobenzene (S)	100	%	48-130		1	10/22/18 08:45	10/25/18 20:18	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>14.2</b>	%	0.10	0.10	1		10/29/18 09:36		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-16 (4'-5')**      **Lab ID: 40178071008**      Collected: 10/17/18 14:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	7.2	mg/kg	5.7	1.2	1	10/27/18 07:12	10/30/18 20:59	7440-38-2	
Barium	95.5	mg/kg	0.57	0.17	1	10/27/18 07:12	10/30/18 20:59	7440-39-3	
Cadmium	<0.15	mg/kg	0.57	0.15	1	10/27/18 07:12	10/30/18 20:59	7440-43-9	
Chromium	20.6	mg/kg	1.1	0.32	1	10/27/18 07:12	10/30/18 20:59	7440-47-3	
Lead	18.0	mg/kg	2.3	0.69	1	10/27/18 07:12	10/30/18 20:59	7439-92-1	
Selenium	<1.5	mg/kg	5.0	1.5	1	10/27/18 07:12	10/30/18 20:59	7782-49-2	
Silver	<0.40	mg/kg	1.1	0.40	1	10/27/18 07:12	10/30/18 20:59	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	0.050J	mg/kg	0.13	0.040	1	10/29/18 08:32	10/30/18 12:24	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	19.9J	ug/kg	51.3	15.4	3.33	10/30/18 10:14	10/31/18 16:53	83-32-9	
Acenaphthylene	<13.1	ug/kg	43.7	13.1	3.33	10/30/18 10:14	10/31/18 16:53	208-96-8	
Anthracene	86.6	ug/kg	75.6	22.7	3.33	10/30/18 10:14	10/31/18 16:53	120-12-7	
Benzo(a)anthracene	513	ug/kg	42.2	12.6	3.33	10/30/18 10:14	10/31/18 16:53	56-55-3	
Benzo(a)pyrene	415	ug/kg	33.3	10	3.33	10/30/18 10:14	10/31/18 16:53	50-32-8	
Benzo(b)fluoranthene	481	ug/kg	37.4	11.2	3.33	10/30/18 10:14	10/31/18 16:53	205-99-2	
Benzo(g,h,i)perylene	135	ug/kg	26.9	8.1	3.33	10/30/18 10:14	10/31/18 16:53	191-24-2	
Benzo(k)fluoranthene	165	ug/kg	33.2	10	3.33	10/30/18 10:14	10/31/18 16:53	207-08-9	
Chrysene	587	ug/kg	44.5	13.4	3.33	10/30/18 10:14	10/31/18 16:53	218-01-9	
Dibenz(a,h)anthracene	61.2	ug/kg	29.6	8.9	3.33	10/30/18 10:14	10/31/18 16:53	53-70-3	
Fluoranthene	706	ug/kg	69.2	20.7	3.33	10/30/18 10:14	10/31/18 16:53	206-44-0	
Fluorene	17.7J	ug/kg	54.9	16.5	3.33	10/30/18 10:14	10/31/18 16:53	86-73-7	
Indeno(1,2,3-cd)pyrene	118	ug/kg	29.1	8.7	3.33	10/30/18 10:14	10/31/18 16:53	193-39-5	
1-Methylnaphthalene	<16.0	ug/kg	53.3	16.0	3.33	10/30/18 10:14	10/31/18 16:53	90-12-0	
2-Methylnaphthalene	<19.9	ug/kg	66.4	19.9	3.33	10/30/18 10:14	10/31/18 16:53	91-57-6	
Naphthalene	<33.5	ug/kg	112	33.5	3.33	10/30/18 10:14	10/31/18 16:53	91-20-3	
Phenanthrene	167	ug/kg	154	46.3	3.33	10/30/18 10:14	10/31/18 16:53	85-01-8	
Pyrene	1140	ug/kg	59.6	17.9	3.33	10/30/18 10:14	10/31/18 16:53	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	64	%	10-115		3.33	10/30/18 10:14	10/31/18 16:53	321-60-8	
Terphenyl-d14 (S)	57	%	10-121		3.33	10/30/18 10:14	10/31/18 16:53	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 20:41	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Sample: TP-16 (4'-5') Lab ID: 40178071008 Collected: 10/17/18 14:00 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 20:41	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 20:41	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 20:41	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 20:41	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 20:41	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 20:41	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-16 (4'-5')**      **Lab ID: 40178071008**      Collected: 10/17/18 14:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 20:41	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	57-148		1	10/22/18 08:45	10/25/18 20:41	1868-53-7	
Toluene-d8 (S)	115	%	58-142		1	10/22/18 08:45	10/25/18 20:41	2037-26-5	
4-Bromofluorobenzene (S)	110	%	48-130		1	10/22/18 08:45	10/25/18 20:41	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>16.1</b>	%	0.10	0.10	1		10/29/18 09:36		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

**Sample: TP-15 (6'-7')**      **Lab ID: 40178071009**      Collected: 10/17/18 14:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>3.4J</b>	mg/kg	5.2	1.1	1	10/27/18 07:12	10/30/18 21:06	7440-38-2	
Barium	<b>47.1</b>	mg/kg	0.52	0.16	1	10/27/18 07:12	10/30/18 21:06	7440-39-3	
Cadmium	<b>&lt;0.14</b>	mg/kg	0.52	0.14	1	10/27/18 07:12	10/30/18 21:06	7440-43-9	
Chromium	<b>9.5</b>	mg/kg	1.0	0.29	1	10/27/18 07:12	10/30/18 21:06	7440-47-3	
Lead	<b>29.3</b>	mg/kg	2.1	0.63	1	10/27/18 07:12	10/30/18 21:06	7439-92-1	
Selenium	<b>&lt;1.4</b>	mg/kg	4.6	1.4	1	10/27/18 07:12	10/30/18 21:06	7782-49-2	
Silver	<b>&lt;0.36</b>	mg/kg	1.0	0.36	1	10/27/18 07:12	10/30/18 21:06	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	<b>&lt;0.035</b>	mg/kg	0.12	0.035	1	10/29/18 08:32	10/30/18 12:28	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.2</b>	ug/kg	13.9	4.2	1	10/30/18 10:14	10/31/18 14:18	83-32-9	
Acenaphthylene	<b>&lt;3.6</b>	ug/kg	11.9	3.6	1	10/30/18 10:14	10/31/18 14:18	208-96-8	
Anthracene	<b>&lt;6.2</b>	ug/kg	20.5	6.2	1	10/30/18 10:14	10/31/18 14:18	120-12-7	
Benzo(a)anthracene	<b>12.8</b>	ug/kg	11.5	3.4	1	10/30/18 10:14	10/31/18 14:18	56-55-3	
Benzo(a)pyrene	<b>15.1</b>	ug/kg	9.0	2.7	1	10/30/18 10:14	10/31/18 14:18	50-32-8	
Benzo(b)fluoranthene	<b>25.8</b>	ug/kg	10.2	3.1	1	10/30/18 10:14	10/31/18 14:18	205-99-2	
Benzo(g,h,i)perylene	<b>10.7</b>	ug/kg	7.3	2.2	1	10/30/18 10:14	10/31/18 14:18	191-24-2	
Benzo(k)fluoranthene	<b>10.2</b>	ug/kg	9.0	2.7	1	10/30/18 10:14	10/31/18 14:18	207-08-9	
Chrysene	<b>16.2</b>	ug/kg	12.1	3.6	1	10/30/18 10:14	10/31/18 14:18	218-01-9	
Dibenz(a,h)anthracene	<b>3.3J</b>	ug/kg	8.1	2.4	1	10/30/18 10:14	10/31/18 14:18	53-70-3	
Fluoranthene	<b>31.3</b>	ug/kg	18.8	5.6	1	10/30/18 10:14	10/31/18 14:18	206-44-0	
Fluorene	<b>&lt;4.5</b>	ug/kg	14.9	4.5	1	10/30/18 10:14	10/31/18 14:18	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>7.6J</b>	ug/kg	7.9	2.4	1	10/30/18 10:14	10/31/18 14:18	193-39-5	
1-Methylnaphthalene	<b>&lt;4.3</b>	ug/kg	14.5	4.3	1	10/30/18 10:14	10/31/18 14:18	90-12-0	
2-Methylnaphthalene	<b>&lt;5.4</b>	ug/kg	18.1	5.4	1	10/30/18 10:14	10/31/18 14:18	91-57-6	
Naphthalene	<b>&lt;9.1</b>	ug/kg	30.4	9.1	1	10/30/18 10:14	10/31/18 14:18	91-20-3	
Phenanthrene	<b>13.3J</b>	ug/kg	41.9	12.6	1	10/30/18 10:14	10/31/18 14:18	85-01-8	
Pyrene	<b>26.8</b>	ug/kg	16.2	4.9	1	10/30/18 10:14	10/31/18 14:18	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	10-115		1	10/30/18 10:14	10/31/18 14:18	321-60-8	
Terphenyl-d14 (S)	57	%	10-121		1	10/30/18 10:14	10/31/18 14:18	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 21:27	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-15 (6'-7')**      **Lab ID: 40178071009**      Collected: 10/17/18 14:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 21:27	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 21:27	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 21:27	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 21:27	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 21:27	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 21:27	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-15 (6'-7')**      **Lab ID: 40178071009**      Collected: 10/17/18 14:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:27	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	57-148		1	10/22/18 08:45	10/25/18 21:27	1868-53-7	
Toluene-d8 (S)	109	%	58-142		1	10/22/18 08:45	10/25/18 21:27	2037-26-5	
4-Bromofluorobenzene (S)	104	%	48-130		1	10/22/18 08:45	10/25/18 21:27	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>7.6</b>	%	0.10	0.10	1		10/29/18 09:36		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-14 (7'-8')**      **Lab ID: 40178071010**      Collected: 10/17/18 15:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>4.8J</b>	mg/kg	5.9	1.2	1	10/27/18 07:12	10/30/18 21:09	7440-38-2	
Barium	<b>65.1</b>	mg/kg	0.59	0.18	1	10/27/18 07:12	10/30/18 21:09	7440-39-3	
Cadmium	<b>&lt;0.16</b>	mg/kg	0.59	0.16	1	10/27/18 07:12	10/30/18 21:09	7440-43-9	
Chromium	<b>16.5</b>	mg/kg	1.2	0.33	1	10/27/18 07:12	10/30/18 21:09	7440-47-3	
Lead	<b>6.8</b>	mg/kg	2.4	0.71	1	10/27/18 07:12	10/30/18 21:09	7439-92-1	
Selenium	<b>&lt;1.6</b>	mg/kg	5.2	1.6	1	10/27/18 07:12	10/30/18 21:09	7782-49-2	
Silver	<b>&lt;0.41</b>	mg/kg	1.2	0.41	1	10/27/18 07:12	10/30/18 21:09	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>&lt;0.042</b>	mg/kg	0.14	0.042	1	10/29/18 08:32	10/30/18 12:30	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.7</b>	ug/kg	15.8	4.7	1	10/30/18 10:14	10/30/18 15:21	83-32-9	
Acenaphthylene	<b>&lt;4.0</b>	ug/kg	13.5	4.0	1	10/30/18 10:14	10/30/18 15:21	208-96-8	
Anthracene	<b>&lt;7.0</b>	ug/kg	23.2	7.0	1	10/30/18 10:14	10/30/18 15:21	120-12-7	
Benzo(a)anthracene	<b>&lt;3.9</b>	ug/kg	13.0	3.9	1	10/30/18 10:14	10/30/18 15:21	56-55-3	
Benzo(a)pyrene	<b>&lt;3.1</b>	ug/kg	10.2	3.1	1	10/30/18 10:14	10/30/18 15:21	50-32-8	
Benzo(b)fluoranthene	<b>&lt;3.5</b>	ug/kg	11.5	3.5	1	10/30/18 10:14	10/30/18 15:21	205-99-2	
Benzo(g,h,i)perylene	<b>&lt;2.5</b>	ug/kg	8.3	2.5	1	10/30/18 10:14	10/30/18 15:21	191-24-2	
Benzo(k)fluoranthene	<b>&lt;3.1</b>	ug/kg	10.2	3.1	1	10/30/18 10:14	10/30/18 15:21	207-08-9	
Chrysene	<b>&lt;4.1</b>	ug/kg	13.7	4.1	1	10/30/18 10:14	10/30/18 15:21	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.7</b>	ug/kg	9.1	2.7	1	10/30/18 10:14	10/30/18 15:21	53-70-3	
Fluoranthene	<b>&lt;6.4</b>	ug/kg	21.3	6.4	1	10/30/18 10:14	10/30/18 15:21	206-44-0	
Fluorene	<b>&lt;5.1</b>	ug/kg	16.9	5.1	1	10/30/18 10:14	10/30/18 15:21	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.7</b>	ug/kg	9.0	2.7	1	10/30/18 10:14	10/30/18 15:21	193-39-5	
1-Methylnaphthalene	<b>&lt;4.9</b>	ug/kg	16.4	4.9	1	10/30/18 10:14	10/30/18 15:21	90-12-0	
2-Methylnaphthalene	<b>&lt;6.1</b>	ug/kg	20.4	6.1	1	10/30/18 10:14	10/30/18 15:21	91-57-6	
Naphthalene	<b>&lt;10.3</b>	ug/kg	34.4	10.3	1	10/30/18 10:14	10/30/18 15:21	91-20-3	
Phenanthrene	<b>&lt;14.3</b>	ug/kg	47.5	14.3	1	10/30/18 10:14	10/30/18 15:21	85-01-8	
Pyrene	<b>&lt;5.5</b>	ug/kg	18.4	5.5	1	10/30/18 10:14	10/30/18 15:21	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	10-115		1	10/30/18 10:14	10/30/18 15:21	321-60-8	
Terphenyl-d14 (S)	53	%	10-121		1	10/30/18 10:14	10/30/18 15:21	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 21:50	120-82-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-14 (7'-8')**      **Lab ID: 40178071010**      Collected: 10/17/18 15:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 21:50	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 21:50	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 21:50	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 21:50	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 21:50	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 21:50	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-14 (7'-8')**      **Lab ID: 40178071010**      Collected: 10/17/18 15:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 21:50	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	57-148		1	10/22/18 08:45	10/25/18 21:50	1868-53-7	
Toluene-d8 (S)	99	%	58-142		1	10/22/18 08:45	10/25/18 21:50	2037-26-5	
4-Bromofluorobenzene (S)	103	%	48-130		1	10/22/18 08:45	10/25/18 21:50	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>18.1</b>	%	0.10	0.10	1		10/29/18 09:36		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-5 (5'-6')**      **Lab ID: 40178071011**      Collected: 10/18/18 09:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	7.0	mg/kg	5.6	1.2	1	10/27/18 07:12	10/30/18 21:11	7440-38-2	
Barium	84.2	mg/kg	0.56	0.17	1	10/27/18 07:12	10/30/18 21:11	7440-39-3	
Cadmium	<0.15	mg/kg	0.56	0.15	1	10/27/18 07:12	10/30/18 21:11	7440-43-9	
Chromium	15.3	mg/kg	1.1	0.31	1	10/27/18 07:12	10/30/18 21:11	7440-47-3	
Lead	19.5	mg/kg	2.2	0.67	1	10/27/18 07:12	10/30/18 21:11	7439-92-1	
Selenium	<1.5	mg/kg	4.9	1.5	1	10/27/18 07:12	10/30/18 21:11	7782-49-2	
Silver	<0.39	mg/kg	1.1	0.39	1	10/27/18 07:12	10/30/18 21:11	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.039	mg/kg	0.13	0.039	1	10/29/18 08:32	10/30/18 12:33	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	12.3J	ug/kg	15.2	4.6	1	10/30/18 10:14	10/31/18 14:35	83-32-9	
Acenaphthylene	40.9	ug/kg	13.0	3.9	1	10/30/18 10:14	10/31/18 14:35	208-96-8	
Anthracene	77.7	ug/kg	22.4	6.7	1	10/30/18 10:14	10/31/18 14:35	120-12-7	
Benzo(a)anthracene	299	ug/kg	12.5	3.7	1	10/30/18 10:14	10/31/18 14:35	56-55-3	
Benzo(a)pyrene	313	ug/kg	9.9	3.0	1	10/30/18 10:14	10/31/18 14:35	50-32-8	
Benzo(b)fluoranthene	421	ug/kg	11.1	3.3	1	10/30/18 10:14	10/31/18 14:35	205-99-2	
Benzo(g,h,i)perylene	168	ug/kg	8.0	2.4	1	10/30/18 10:14	10/31/18 14:35	191-24-2	
Benzo(k)fluoranthene	166	ug/kg	9.9	3.0	1	10/30/18 10:14	10/31/18 14:35	207-08-9	
Chrysene	329	ug/kg	13.2	4.0	1	10/30/18 10:14	10/31/18 14:35	218-01-9	
Dibenz(a,h)anthracene	48.6	ug/kg	8.8	2.6	1	10/30/18 10:14	10/31/18 14:35	53-70-3	
Fluoranthene	559	ug/kg	20.5	6.1	1	10/30/18 10:14	10/31/18 14:35	206-44-0	
Fluorene	16.6	ug/kg	16.3	4.9	1	10/30/18 10:14	10/31/18 14:35	86-73-7	
Indeno(1,2,3-cd)pyrene	142	ug/kg	8.6	2.6	1	10/30/18 10:14	10/31/18 14:35	193-39-5	
1-Methylnaphthalene	<4.7	ug/kg	15.8	4.7	1	10/30/18 10:14	10/31/18 14:35	90-12-0	
2-Methylnaphthalene	8.7J	ug/kg	19.7	5.9	1	10/30/18 10:14	10/31/18 14:35	91-57-6	
Naphthalene	16.4J	ug/kg	33.1	9.9	1	10/30/18 10:14	10/31/18 14:35	91-20-3	
Phenanthrene	232	ug/kg	45.7	13.7	1	10/30/18 10:14	10/31/18 14:35	85-01-8	
Pyrene	485	ug/kg	17.7	5.3	1	10/30/18 10:14	10/31/18 14:35	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	78	%	10-115		1	10/30/18 10:14	10/31/18 14:35	321-60-8	
Terphenyl-d14 (S)	60	%	10-121		1	10/30/18 10:14	10/31/18 14:35	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 22:13	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-5 (5'-6')**      **Lab ID: 40178071011**      Collected: 10/18/18 09:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 22:13	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 22:13	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 22:13	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 22:13	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 22:13	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 22:13	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-5 (5'-6')**      **Lab ID: 40178071011**      Collected: 10/18/18 09:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:13	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	90	%	57-148		1	10/22/18 08:45	10/25/18 22:13	1868-53-7	
Toluene-d8 (S)	92	%	58-142		1	10/22/18 08:45	10/25/18 22:13	2037-26-5	
4-Bromofluorobenzene (S)	94	%	48-130		1	10/22/18 08:45	10/25/18 22:13	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>15.3</b>	%	0.10	0.10	1		10/29/18 09:36		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-6 (5'-6')**      **Lab ID: 40178071012**      Collected: 10/18/18 10:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.7	mg/kg	5.5	1.2	1	10/27/18 07:12	10/30/18 21:14	7440-38-2	
Barium	92.2	mg/kg	0.55	0.16	1	10/27/18 07:12	10/30/18 21:14	7440-39-3	
Cadmium	<0.15	mg/kg	0.55	0.15	1	10/27/18 07:12	10/30/18 21:14	7440-43-9	
Chromium	19.4	mg/kg	1.1	0.31	1	10/27/18 07:12	10/30/18 21:14	7440-47-3	
Lead	19.3	mg/kg	2.2	0.66	1	10/27/18 07:12	10/30/18 21:14	7439-92-1	
Selenium	<1.4	mg/kg	4.8	1.4	1	10/27/18 07:12	10/30/18 21:14	7782-49-2	
Silver	<0.38	mg/kg	1.1	0.38	1	10/27/18 07:12	10/30/18 21:14	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.038	mg/kg	0.13	0.038	1	10/29/18 08:32	10/30/18 12:35	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	20.1J	ug/kg	29.3	8.8	2	10/30/18 10:14	10/31/18 16:36	83-32-9	
Acenaphthylene	62.5	ug/kg	25.0	7.5	2	10/30/18 10:14	10/31/18 16:36	208-96-8	
Anthracene	119	ug/kg	43.1	13.0	2	10/30/18 10:14	10/31/18 16:36	120-12-7	
Benzo(a)anthracene	428	ug/kg	24.1	7.2	2	10/30/18 10:14	10/31/18 16:36	56-55-3	
Benzo(a)pyrene	473	ug/kg	19.0	5.7	2	10/30/18 10:14	10/31/18 16:36	50-32-8	
Benzo(b)fluoranthene	697	ug/kg	21.4	6.4	2	10/30/18 10:14	10/31/18 16:36	205-99-2	
Benzo(g,h,i)perylene	214	ug/kg	15.4	4.6	2	10/30/18 10:14	10/31/18 16:36	191-24-2	
Benzo(k)fluoranthene	251	ug/kg	19.0	5.7	2	10/30/18 10:14	10/31/18 16:36	207-08-9	
Chrysene	462	ug/kg	25.4	7.7	2	10/30/18 10:14	10/31/18 16:36	218-01-9	
Dibenz(a,h)anthracene	65.7	ug/kg	16.9	5.1	2	10/30/18 10:14	10/31/18 16:36	53-70-3	
Fluoranthene	800	ug/kg	39.5	11.8	2	10/30/18 10:14	10/31/18 16:36	206-44-0	
Fluorene	28.0J	ug/kg	31.3	9.4	2	10/30/18 10:14	10/31/18 16:36	86-73-7	
Indeno(1,2,3-cd)pyrene	197	ug/kg	16.6	5.0	2	10/30/18 10:14	10/31/18 16:36	193-39-5	
1-Methylnaphthalene	106	ug/kg	30.4	9.1	2	10/30/18 10:14	10/31/18 16:36	90-12-0	
2-Methylnaphthalene	170	ug/kg	37.9	11.4	2	10/30/18 10:14	10/31/18 16:36	91-57-6	
Naphthalene	92.2	ug/kg	63.8	19.1	2	10/30/18 10:14	10/31/18 16:36	91-20-3	
Phenanthrene	398	ug/kg	88.1	26.4	2	10/30/18 10:14	10/31/18 16:36	85-01-8	
Pyrene	702	ug/kg	34.1	10.2	2	10/30/18 10:14	10/31/18 16:36	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	10-115		2	10/30/18 10:14	10/31/18 16:36	321-60-8	
Terphenyl-d14 (S)	55	%	10-121		2	10/30/18 10:14	10/31/18 16:36	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 22:36	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-6 (5'-6')**      **Lab ID: 40178071012**      Collected: 10/18/18 10:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 22:36	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 22:36	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 22:36	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 22:36	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 22:36	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 22:36	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

**Sample: TP-6 (5'-6')**      **Lab ID: 40178071012**      Collected: 10/18/18 10:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 22:36	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	102	%	57-148		1	10/22/18 08:45	10/25/18 22:36	1868-53-7	
Toluene-d8 (S)	107	%	58-142		1	10/22/18 08:45	10/25/18 22:36	2037-26-5	
4-Bromofluorobenzene (S)	106	%	48-130		1	10/22/18 08:45	10/25/18 22:36	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>12.0</b>	%	0.10	0.10	1		10/29/18 09:36		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-0 (1'-2')**      **Lab ID: 40178071013**      Collected: 10/18/18 10:20      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	7.4	mg/kg	5.6	1.2	1	10/27/18 07:12	10/30/18 21:16	7440-38-2	
Barium	82.0	mg/kg	0.56	0.17	1	10/27/18 07:12	10/30/18 21:16	7440-39-3	
Cadmium	<0.15	mg/kg	0.56	0.15	1	10/27/18 07:12	10/30/18 21:16	7440-43-9	
Chromium	14.8	mg/kg	1.1	0.31	1	10/27/18 07:12	10/30/18 21:16	7440-47-3	
Lead	21.3	mg/kg	2.2	0.67	1	10/27/18 07:12	10/30/18 21:16	7439-92-1	
Selenium	<1.5	mg/kg	4.9	1.5	1	10/27/18 07:12	10/30/18 21:16	7782-49-2	
Silver	<0.38	mg/kg	1.1	0.38	1	10/27/18 07:12	10/30/18 21:16	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	0.048J	mg/kg	0.13	0.039	1	10/29/18 08:32	10/30/18 12:42	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	19.8J	ug/kg	30.1	9.1	2	10/30/18 10:14	11/01/18 14:17	83-32-9	
Acenaphthylene	100	ug/kg	25.7	7.7	2	10/30/18 10:14	11/01/18 14:17	208-96-8	
Anthracene	149	ug/kg	44.4	13.3	2	10/30/18 10:14	11/01/18 14:17	120-12-7	
Benzo(a)anthracene	383	ug/kg	24.7	7.4	2	10/30/18 10:14	11/01/18 14:17	56-55-3	
Benzo(a)pyrene	655	ug/kg	19.5	5.9	2	10/30/18 10:14	11/01/18 14:17	50-32-8	
Benzo(b)fluoranthene	874	ug/kg	22.0	6.6	2	10/30/18 10:14	11/01/18 14:17	205-99-2	
Benzo(g,h,i)perylene	881	ug/kg	15.8	4.7	2	10/30/18 10:14	11/01/18 14:17	191-24-2	
Benzo(k)fluoranthene	270	ug/kg	19.5	5.9	2	10/30/18 10:14	11/01/18 14:17	207-08-9	
Chrysene	423	ug/kg	26.1	7.9	2	10/30/18 10:14	11/01/18 14:17	218-01-9	
Dibenz(a,h)anthracene	197	ug/kg	17.4	5.2	2	10/30/18 10:14	11/01/18 14:17	53-70-3	
Fluoranthene	676	ug/kg	40.6	12.2	2	10/30/18 10:14	11/01/18 14:17	206-44-0	
Fluorene	36.3	ug/kg	32.2	9.7	2	10/30/18 10:14	11/01/18 14:17	86-73-7	
Indeno(1,2,3-cd)pyrene	566	ug/kg	17.1	5.1	2	10/30/18 10:14	11/01/18 14:17	193-39-5	
1-Methylnaphthalene	<9.4	ug/kg	31.3	9.4	2	10/30/18 10:14	11/01/18 14:17	90-12-0	
2-Methylnaphthalene	13.1J	ug/kg	39.0	11.7	2	10/30/18 10:14	11/01/18 14:17	91-57-6	
Naphthalene	20.6J	ug/kg	65.6	19.7	2	10/30/18 10:14	11/01/18 14:17	91-20-3	
Phenanthrene	316	ug/kg	90.6	27.2	2	10/30/18 10:14	11/01/18 14:17	85-01-8	
Pyrene	600	ug/kg	35.0	10.5	2	10/30/18 10:14	11/01/18 14:17	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	70	%	10-115		2	10/30/18 10:14	11/01/18 14:17	321-60-8	
Terphenyl-d14 (S)	55	%	10-121		2	10/30/18 10:14	11/01/18 14:17	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 23:00	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Sample: TP-0 (1'-2') Lab ID: 40178071013 Collected: 10/18/18 10:20 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 23:00	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 23:00	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 23:00	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 23:00	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	1634-04-4	W
Methylene Chloride	33.9J	ug/kg	70.1	29.2	1	10/22/18 08:45	10/25/18 23:00	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 23:00	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 23:00	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-0 (1'-2')**      **Lab ID: 40178071013**      Collected: 10/18/18 10:20      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:00	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	92	%	57-148		1	10/22/18 08:45	10/25/18 23:00	1868-53-7	
Toluene-d8 (S)	91	%	58-142		1	10/22/18 08:45	10/25/18 23:00	2037-26-5	
4-Bromofluorobenzene (S)	96	%	48-130		1	10/22/18 08:45	10/25/18 23:00	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>14.5</b>	%	0.10	0.10	1		10/29/18 09:36		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-0 (9'-10')**      **Lab ID: 40178071014**      Collected: 10/18/18 10:45      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	7.4	mg/kg	6.4	1.3	1	10/27/18 07:12	10/30/18 21:19	7440-38-2	
Barium	116	mg/kg	0.64	0.19	1	10/27/18 07:12	10/30/18 21:19	7440-39-3	
Cadmium	<0.17	mg/kg	0.64	0.17	1	10/27/18 07:12	10/30/18 21:19	7440-43-9	
Chromium	30.4	mg/kg	1.3	0.36	1	10/27/18 07:12	10/30/18 21:19	7440-47-3	
Lead	13.3	mg/kg	2.6	0.77	1	10/27/18 07:12	10/30/18 21:19	7439-92-1	
Selenium	<1.7	mg/kg	5.6	1.7	1	10/27/18 07:12	10/30/18 21:19	7782-49-2	
Silver	<0.44	mg/kg	1.3	0.44	1	10/27/18 07:12	10/30/18 21:19	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.051J	mg/kg	0.14	0.041	1	10/29/18 08:32	10/30/18 12:44	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<5.1	ug/kg	17.0	5.1	1	10/30/18 10:14	10/30/18 16:12	83-32-9	
Acenaphthylene	<4.3	ug/kg	14.5	4.3	1	10/30/18 10:14	10/30/18 16:12	208-96-8	
Anthracene	<7.5	ug/kg	25.0	7.5	1	10/30/18 10:14	10/30/18 16:12	120-12-7	
Benzo(a)anthracene	<4.2	ug/kg	14.0	4.2	1	10/30/18 10:14	10/30/18 16:12	56-55-3	
Benzo(a)pyrene	<3.3	ug/kg	11.0	3.3	1	10/30/18 10:14	10/30/18 16:12	50-32-8	
Benzo(b)fluoranthene	4.6J	ug/kg	12.4	3.7	1	10/30/18 10:14	10/30/18 16:12	205-99-2	
Benzo(g,h,i)perylene	<2.7	ug/kg	8.9	2.7	1	10/30/18 10:14	10/30/18 16:12	191-24-2	
Benzo(k)fluoranthene	<3.3	ug/kg	11.0	3.3	1	10/30/18 10:14	10/30/18 16:12	207-08-9	
Chrysene	<4.4	ug/kg	14.7	4.4	1	10/30/18 10:14	10/30/18 16:12	218-01-9	
Dibenz(a,h)anthracene	<2.9	ug/kg	9.8	2.9	1	10/30/18 10:14	10/30/18 16:12	53-70-3	
Fluoranthene	7.1J	ug/kg	22.9	6.9	1	10/30/18 10:14	10/30/18 16:12	206-44-0	
Fluorene	<5.4	ug/kg	18.2	5.4	1	10/30/18 10:14	10/30/18 16:12	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.9	ug/kg	9.7	2.9	1	10/30/18 10:14	10/30/18 16:12	193-39-5	
1-Methylnaphthalene	<5.3	ug/kg	17.6	5.3	1	10/30/18 10:14	10/30/18 16:12	90-12-0	
2-Methylnaphthalene	<6.6	ug/kg	22.0	6.6	1	10/30/18 10:14	10/30/18 16:12	91-57-6	
Naphthalene	<11.1	ug/kg	37.0	11.1	1	10/30/18 10:14	10/30/18 16:12	91-20-3	
Phenanthrene	<15.3	ug/kg	51.1	15.3	1	10/30/18 10:14	10/30/18 16:12	85-01-8	
Pyrene	<5.9	ug/kg	19.8	5.9	1	10/30/18 10:14	10/30/18 16:12	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	10-115		1	10/30/18 10:14	10/30/18 16:12	321-60-8	
Terphenyl-d14 (S)	53	%	10-121		1	10/30/18 10:14	10/30/18 16:12	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/25/18 23:23	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Sample: TP-0 (9'-10') Lab ID: 40178071014 Collected: 10/18/18 10:45 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/25/18 23:23	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/25/18 23:23	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/25/18 23:23	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/25/18 23:23	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/25/18 23:23	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/25/18 23:23	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	103-65-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-0 (9'-10')**      **Lab ID: 40178071014**      Collected: 10/18/18 10:45      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/25/18 23:23	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	84	%	57-148		1	10/22/18 08:45	10/25/18 23:23	1868-53-7	
Toluene-d8 (S)	88	%	58-142		1	10/22/18 08:45	10/25/18 23:23	2037-26-5	
4-Bromofluorobenzene (S)	87	%	48-130		1	10/22/18 08:45	10/25/18 23:23	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>24.0</b>	%	0.10	0.10	1		10/29/18 09:36		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-3 (6'-7')**      **Lab ID: 40178071015**      Collected: 10/18/18 11:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>4.6J</b>	mg/kg	5.4	1.1	1	10/27/18 07:12	10/30/18 21:21	7440-38-2	
Barium	<b>37.9</b>	mg/kg	0.54	0.16	1	10/27/18 07:12	10/30/18 21:21	7440-39-3	
Cadmium	<b>&lt;0.14</b>	mg/kg	0.54	0.14	1	10/27/18 07:12	10/30/18 21:21	7440-43-9	
Chromium	<b>8.7</b>	mg/kg	1.1	0.30	1	10/27/18 07:12	10/30/18 21:21	7440-47-3	
Lead	<b>13.8</b>	mg/kg	2.1	0.64	1	10/27/18 07:12	10/30/18 21:21	7439-92-1	
Selenium	<b>&lt;1.4</b>	mg/kg	4.7	1.4	1	10/27/18 07:12	10/30/18 21:21	7782-49-2	
Silver	<b>&lt;0.37</b>	mg/kg	1.1	0.37	1	10/27/18 07:12	10/30/18 21:21	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>&lt;0.036</b>	mg/kg	0.12	0.036	1	10/29/18 08:32	10/30/18 12:47	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>64.9</b>	ug/kg	55.8	16.8	4	10/30/18 10:14	10/31/18 16:02	83-32-9	
Acenaphthylene	<b>40.7J</b>	ug/kg	47.6	14.2	4	10/30/18 10:14	10/31/18 16:02	208-96-8	
Anthracene	<b>274</b>	ug/kg	82.1	24.7	4	10/30/18 10:14	10/31/18 16:02	120-12-7	
Benzo(a)anthracene	<b>766</b>	ug/kg	45.8	13.7	4	10/30/18 10:14	10/31/18 16:02	56-55-3	
Benzo(a)pyrene	<b>776</b>	ug/kg	36.2	10.9	4	10/30/18 10:14	10/31/18 16:02	50-32-8	
Benzo(b)fluoranthene	<b>1160</b>	ug/kg	40.7	12.2	4	10/30/18 10:14	10/31/18 16:02	205-99-2	
Benzo(g,h,i)perylene	<b>358</b>	ug/kg	29.3	8.8	4	10/30/18 10:14	10/31/18 16:02	191-24-2	
Benzo(k)fluoranthene	<b>444</b>	ug/kg	36.1	10.8	4	10/30/18 10:14	10/31/18 16:02	207-08-9	
Chrysene	<b>811</b>	ug/kg	48.4	14.6	4	10/30/18 10:14	10/31/18 16:02	218-01-9	
Dibenz(a,h)anthracene	<b>102</b>	ug/kg	32.2	9.7	4	10/30/18 10:14	10/31/18 16:02	53-70-3	
Fluoranthene	<b>1860</b>	ug/kg	75.2	22.5	4	10/30/18 10:14	10/31/18 16:02	206-44-0	
Fluorene	<b>87.9</b>	ug/kg	59.7	17.9	4	10/30/18 10:14	10/31/18 16:02	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>316</b>	ug/kg	31.7	9.5	4	10/30/18 10:14	10/31/18 16:02	193-39-5	
1-Methylnaphthalene	<b>18.8J</b>	ug/kg	57.9	17.4	4	10/30/18 10:14	10/31/18 16:02	90-12-0	
2-Methylnaphthalene	<b>&lt;21.6</b>	ug/kg	72.2	21.6	4	10/30/18 10:14	10/31/18 16:02	91-57-6	
Naphthalene	<b>&lt;36.4</b>	ug/kg	121	36.4	4	10/30/18 10:14	10/31/18 16:02	91-20-3	
Phenanthrene	<b>1080</b>	ug/kg	168	50.4	4	10/30/18 10:14	10/31/18 16:02	85-01-8	
Pyrene	<b>1430</b>	ug/kg	64.8	19.5	4	10/30/18 10:14	10/31/18 16:02	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	61	%	10-115		4	10/30/18 10:14	10/31/18 16:02	321-60-8	
Terphenyl-d14 (S)	50	%	10-121		4	10/30/18 10:14	10/31/18 16:02	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/22/18 08:45	10/26/18 09:29	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Sample: TP-3 (6'-7') Lab ID: 40178071015 Collected: 10/18/18 11:30 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/26/18 09:29	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/26/18 09:29	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/26/18 09:29	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/26/18 09:29	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/26/18 09:29	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/26/18 09:29	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-3 (6'-7')**      **Lab ID: 40178071015**      Collected: 10/18/18 11:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:29	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	57-148		1	10/22/18 08:45	10/26/18 09:29	1868-53-7	
Toluene-d8 (S)	102	%	58-142		1	10/22/18 08:45	10/26/18 09:29	2037-26-5	
4-Bromofluorobenzene (S)	101	%	48-130		1	10/22/18 08:45	10/26/18 09:29	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	7.5	%	0.10	0.10	1		10/29/18 09:37		

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Sample: TP-2 (1'-2') Lab ID: 40178071016 Collected: 10/18/18 12:15 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	7.5	mg/kg	5.4	1.1	1	10/27/18 07:12	10/30/18 21:23	7440-38-2	
Barium	79.8	mg/kg	0.54	0.16	1	10/27/18 07:12	10/30/18 21:23	7440-39-3	
Cadmium	0.27J	mg/kg	0.54	0.14	1	10/27/18 07:12	10/30/18 21:23	7440-43-9	
Chromium	19.9	mg/kg	1.1	0.30	1	10/27/18 07:12	10/30/18 21:23	7440-47-3	
Lead	134	mg/kg	2.2	0.65	1	10/27/18 07:12	10/30/18 21:23	7439-92-1	
Selenium	<1.4	mg/kg	4.7	1.4	1	10/27/18 07:12	10/30/18 21:23	7782-49-2	
Silver	<0.37	mg/kg	1.1	0.37	1	10/27/18 07:12	10/30/18 21:23	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.050J	mg/kg	0.13	0.040	1	10/29/18 08:32	10/30/18 12:49	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<22.5	ug/kg	74.8	22.5	5	10/30/18 10:14	11/01/18 14:00	83-32-9	
Acenaphthylene	<19.1	ug/kg	63.8	19.1	5	10/30/18 10:14	11/01/18 14:00	208-96-8	
Anthracene	35.4J	ug/kg	110	33.1	5	10/30/18 10:14	11/01/18 14:00	120-12-7	
Benzo(a)anthracene	156	ug/kg	61.5	18.4	5	10/30/18 10:14	11/01/18 14:00	56-55-3	
Benzo(a)pyrene	150	ug/kg	48.5	14.6	5	10/30/18 10:14	11/01/18 14:00	50-32-8	
Benzo(b)fluoranthene	213	ug/kg	54.6	16.4	5	10/30/18 10:14	11/01/18 14:00	205-99-2	
Benzo(g,h,i)perylene	108	ug/kg	39.3	11.8	5	10/30/18 10:14	11/01/18 14:00	191-24-2	
Benzo(k)fluoranthene	83.1	ug/kg	48.5	14.6	5	10/30/18 10:14	11/01/18 14:00	207-08-9	
Chrysene	210	ug/kg	65.0	19.6	5	10/30/18 10:14	11/01/18 14:00	218-01-9	
Dibenz(a,h)anthracene	28.9J	ug/kg	43.2	13.0	5	10/30/18 10:14	11/01/18 14:00	53-70-3	
Fluoranthene	266	ug/kg	101	30.2	5	10/30/18 10:14	11/01/18 14:00	206-44-0	
Fluorene	<24.0	ug/kg	80.0	24.0	5	10/30/18 10:14	11/01/18 14:00	86-73-7	
Indeno(1,2,3-cd)pyrene	80.8	ug/kg	42.5	12.8	5	10/30/18 10:14	11/01/18 14:00	193-39-5	
1-Methylnaphthalene	<23.3	ug/kg	77.7	23.3	5	10/30/18 10:14	11/01/18 14:00	90-12-0	
2-Methylnaphthalene	<29.0	ug/kg	96.8	29.0	5	10/30/18 10:14	11/01/18 14:00	91-57-6	
Naphthalene	<48.8	ug/kg	163	48.8	5	10/30/18 10:14	11/01/18 14:00	91-20-3	D3
Phenanthrene	175J	ug/kg	225	67.6	5	10/30/18 10:14	11/01/18 14:00	85-01-8	
Pyrene	237	ug/kg	87.0	26.2	5	10/30/18 10:14	11/01/18 14:00	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	50	%	10-115		5	10/30/18 10:14	11/01/18 14:00	321-60-8	
Terphenyl-d14 (S)	43	%	10-121		5	10/30/18 10:14	11/01/18 14:00	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/26/18 09:52	120-82-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-2 (1'-2')** Lab ID: **40178071016** Collected: 10/18/18 12:15 Received: 10/19/18 09:55 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/26/18 09:52	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/26/18 09:52	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/26/18 09:52	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/26/18 09:52	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/26/18 09:52	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/26/18 09:52	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-2 (1'-2')**      **Lab ID: 40178071016**      Collected: 10/18/18 12:15      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 09:52	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	57-148		1	10/22/18 08:45	10/26/18 09:52	1868-53-7	
Toluene-d8 (S)	105	%	58-142		1	10/22/18 08:45	10/26/18 09:52	2037-26-5	
4-Bromofluorobenzene (S)	117	%	48-130		1	10/22/18 08:45	10/26/18 09:52	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>13.9</b>	%	0.10	0.10	1		10/29/18 09:37		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample:** TP-2 (11'-12')      **Lab ID:** 40178071017      Collected: 10/18/18 12:45      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>6.3J</b>	mg/kg	7.2	1.5	1	10/27/18 07:12	10/30/18 21:26	7440-38-2	
Barium	<b>212</b>	mg/kg	0.72	0.22	1	10/27/18 07:12	10/30/18 21:26	7440-39-3	
Cadmium	<b>&lt;0.19</b>	mg/kg	0.72	0.19	1	10/27/18 07:12	10/30/18 21:26	7440-43-9	
Chromium	<b>28.0</b>	mg/kg	1.4	0.40	1	10/27/18 07:12	10/30/18 21:26	7440-47-3	
Lead	<b>12.2</b>	mg/kg	2.9	0.87	1	10/27/18 07:12	10/30/18 21:26	7439-92-1	
Selenium	<b>&lt;1.9</b>	mg/kg	6.3	1.9	1	10/27/18 07:12	10/30/18 21:26	7782-49-2	
Silver	<b>&lt;0.50</b>	mg/kg	1.4	0.50	1	10/27/18 07:12	10/30/18 21:26	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>0.063J</b>	mg/kg	0.16	0.048	1	10/29/18 08:32	10/30/18 12:51	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>22.4</b>	ug/kg	18.9	5.7	1	10/30/18 10:14	10/31/18 15:27	83-32-9	
Acenaphthylene	<b>31.4</b>	ug/kg	16.1	4.8	1	10/30/18 10:14	10/31/18 15:27	208-96-8	
Anthracene	<b>105</b>	ug/kg	27.8	8.4	1	10/30/18 10:14	10/31/18 15:27	120-12-7	
Benzo(a)anthracene	<b>382</b>	ug/kg	15.5	4.6	1	10/30/18 10:14	10/31/18 15:27	56-55-3	
Benzo(a)pyrene	<b>403</b>	ug/kg	12.2	3.7	1	10/30/18 10:14	10/31/18 15:27	50-32-8	
Benzo(b)fluoranthene	<b>587</b>	ug/kg	13.8	4.1	1	10/30/18 10:14	10/31/18 15:27	205-99-2	
Benzo(g,h,i)perylene	<b>185</b>	ug/kg	9.9	3.0	1	10/30/18 10:14	10/31/18 15:27	191-24-2	
Benzo(k)fluoranthene	<b>201</b>	ug/kg	12.2	3.7	1	10/30/18 10:14	10/31/18 15:27	207-08-9	
Chrysene	<b>383</b>	ug/kg	16.4	4.9	1	10/30/18 10:14	10/31/18 15:27	218-01-9	
Dibenz(a,h)anthracene	<b>56.5</b>	ug/kg	10.9	3.3	1	10/30/18 10:14	10/31/18 15:27	53-70-3	
Fluoranthene	<b>746</b>	ug/kg	25.5	7.6	1	10/30/18 10:14	10/31/18 15:27	206-44-0	
Fluorene	<b>33.4</b>	ug/kg	20.2	6.1	1	10/30/18 10:14	10/31/18 15:27	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>171</b>	ug/kg	10.7	3.2	1	10/30/18 10:14	10/31/18 15:27	193-39-5	
1-Methylnaphthalene	<b>7.2J</b>	ug/kg	19.6	5.9	1	10/30/18 10:14	10/31/18 15:27	90-12-0	
2-Methylnaphthalene	<b>9.0J</b>	ug/kg	24.4	7.3	1	10/30/18 10:14	10/31/18 15:27	91-57-6	
Naphthalene	<b>21.0J</b>	ug/kg	41.1	12.3	1	10/30/18 10:14	10/31/18 15:27	91-20-3	
Phenanthrene	<b>331</b>	ug/kg	56.8	17.0	1	10/30/18 10:14	10/31/18 15:27	85-01-8	
Pyrene	<b>640</b>	ug/kg	22.0	6.6	1	10/30/18 10:14	10/31/18 15:27	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	75	%	10-115		1	10/30/18 10:14	10/31/18 15:27	321-60-8	
Terphenyl-d14 (S)	64	%	10-121		1	10/30/18 10:14	10/31/18 15:27	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/22/18 08:45	10/26/18 10:15	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample:** TP-2 (11'-12')      **Lab ID:** 40178071017      Collected: 10/18/18 12:45      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/26/18 10:15	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/26/18 10:15	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/26/18 10:15	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/26/18 10:15	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/26/18 10:15	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/26/18 10:15	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

**Sample: TP-2 (11'-12')**      **Lab ID: 40178071017**      Collected: 10/18/18 12:45      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:15	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	57-148		1	10/22/18 08:45	10/26/18 10:15	1868-53-7	
Toluene-d8 (S)	108	%	58-142		1	10/22/18 08:45	10/26/18 10:15	2037-26-5	
4-Bromofluorobenzene (S)	111	%	48-130		1	10/22/18 08:45	10/26/18 10:15	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>31.6</b>	%	0.10	0.10	1		10/29/18 09:37		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-1 (8'-9')**      **Lab ID: 40178071018**      Collected: 10/18/18 13:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	5.9	mg/kg	5.7	1.2	1	10/27/18 07:12	10/30/18 21:28	7440-38-2	
Barium	63.9	mg/kg	0.57	0.17	1	10/27/18 07:12	10/30/18 21:28	7440-39-3	
Cadmium	<0.15	mg/kg	0.57	0.15	1	10/27/18 07:12	10/30/18 21:28	7440-43-9	
Chromium	15.1	mg/kg	1.1	0.32	1	10/27/18 07:12	10/30/18 21:28	7440-47-3	
Lead	28.1	mg/kg	2.3	0.68	1	10/27/18 07:12	10/30/18 21:28	7439-92-1	
Selenium	<1.5	mg/kg	5.0	1.5	1	10/27/18 07:12	10/30/18 21:28	7782-49-2	
Silver	<0.39	mg/kg	1.1	0.39	1	10/27/18 07:12	10/30/18 21:28	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	0.11J	mg/kg	0.13	0.039	1	10/29/18 08:32	10/30/18 12:54	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<22.9	ug/kg	76.0	22.9	5	10/30/18 10:14	10/31/18 16:19	83-32-9	
Acenaphthylene	88.2	ug/kg	64.8	19.4	5	10/30/18 10:14	10/31/18 16:19	208-96-8	
Anthracene	294	ug/kg	112	33.7	5	10/30/18 10:14	10/31/18 16:19	120-12-7	
Benzo(a)anthracene	843	ug/kg	62.5	18.7	5	10/30/18 10:14	10/31/18 16:19	56-55-3	
Benzo(a)pyrene	739	ug/kg	49.3	14.8	5	10/30/18 10:14	10/31/18 16:19	50-32-8	
Benzo(b)fluoranthene	1290	ug/kg	55.5	16.6	5	10/30/18 10:14	10/31/18 16:19	205-99-2	
Benzo(g,h,i)perylene	358	ug/kg	39.9	12.0	5	10/30/18 10:14	10/31/18 16:19	191-24-2	
Benzo(k)fluoranthene	524	ug/kg	49.3	14.8	5	10/30/18 10:14	10/31/18 16:19	207-08-9	
Chrysene	1000	ug/kg	66.0	19.9	5	10/30/18 10:14	10/31/18 16:19	218-01-9	
Dibenz(a,h)anthracene	131	ug/kg	43.9	13.2	5	10/30/18 10:14	10/31/18 16:19	53-70-3	
Fluoranthene	2010	ug/kg	103	30.7	5	10/30/18 10:14	10/31/18 16:19	206-44-0	
Fluorene	29.2J	ug/kg	81.3	24.4	5	10/30/18 10:14	10/31/18 16:19	86-73-7	
Indeno(1,2,3-cd)pyrene	354	ug/kg	43.2	13.0	5	10/30/18 10:14	10/31/18 16:19	193-39-5	
1-Methylnaphthalene	<23.7	ug/kg	79.0	23.7	5	10/30/18 10:14	10/31/18 16:19	90-12-0	
2-Methylnaphthalene	<29.5	ug/kg	98.4	29.5	5	10/30/18 10:14	10/31/18 16:19	91-57-6	
Naphthalene	<49.6	ug/kg	166	49.6	5	10/30/18 10:14	10/31/18 16:19	91-20-3	
Phenanthrene	810	ug/kg	229	68.7	5	10/30/18 10:14	10/31/18 16:19	85-01-8	
Pyrene	1560	ug/kg	88.4	26.6	5	10/30/18 10:14	10/31/18 16:19	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	60	%	10-115		5	10/30/18 10:14	10/31/18 16:19	321-60-8	
Terphenyl-d14 (S)	51	%	10-121		5	10/30/18 10:14	10/31/18 16:19	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/22/18 08:45	10/26/18 10:38	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

Sample: TP-1 (8'-9') Lab ID: 40178071018 Collected: 10/18/18 13:30 Received: 10/19/18 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/26/18 10:38	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/26/18 10:38	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/26/18 10:38	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/26/18 10:38	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/26/18 10:38	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/26/18 10:38	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	103-65-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-1 (8'-9')**      **Lab ID: 40178071018**      Collected: 10/18/18 13:30      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 10:38	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	101	%	57-148		1	10/22/18 08:45	10/26/18 10:38	1868-53-7	
Toluene-d8 (S)	103	%	58-142		1	10/22/18 08:45	10/26/18 10:38	2037-26-5	
4-Bromofluorobenzene (S)	104	%	48-130		1	10/22/18 08:45	10/26/18 10:38	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>15.3</b>	%	0.10	0.10	1		10/29/18 09:37		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-4 (6'-7')**      **Lab ID: 40178071019**      Collected: 10/18/18 14:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>5.3J</b>	mg/kg	5.5	1.2	1	10/27/18 07:12	10/30/18 21:35	7440-38-2	
Barium	<b>74.8</b>	mg/kg	0.55	0.17	1	10/27/18 07:12	10/30/18 21:35	7440-39-3	
Cadmium	<b>&lt;0.15</b>	mg/kg	0.55	0.15	1	10/27/18 07:12	10/30/18 21:35	7440-43-9	
Chromium	<b>14.8</b>	mg/kg	1.1	0.31	1	10/27/18 07:12	10/30/18 21:35	7440-47-3	
Lead	<b>18.7</b>	mg/kg	2.2	0.66	1	10/27/18 07:12	10/30/18 21:35	7439-92-1	
Selenium	<b>&lt;1.5</b>	mg/kg	4.8	1.5	1	10/27/18 07:12	10/30/18 21:35	7782-49-2	
Silver	<b>&lt;0.38</b>	mg/kg	1.1	0.38	1	10/27/18 07:12	10/30/18 21:35	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	<b>0.056J</b>	mg/kg	0.13	0.040	1	10/29/18 08:32	10/30/18 12:56	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>9.0J</b>	ug/kg	15.2	4.6	1	10/30/18 10:14	10/31/18 15:44	83-32-9	
Acenaphthylene	<b>8.1J</b>	ug/kg	13.0	3.9	1	10/30/18 10:14	10/31/18 15:44	208-96-8	
Anthracene	<b>28.8</b>	ug/kg	22.4	6.7	1	10/30/18 10:14	10/31/18 15:44	120-12-7	
Benzo(a)anthracene	<b>122</b>	ug/kg	12.5	3.7	1	10/30/18 10:14	10/31/18 15:44	56-55-3	
Benzo(a)pyrene	<b>133</b>	ug/kg	9.9	3.0	1	10/30/18 10:14	10/31/18 15:44	50-32-8	
Benzo(b)fluoranthene	<b>183</b>	ug/kg	11.1	3.3	1	10/30/18 10:14	10/31/18 15:44	205-99-2	
Benzo(g,h,i)perylene	<b>68.0</b>	ug/kg	8.0	2.4	1	10/30/18 10:14	10/31/18 15:44	191-24-2	
Benzo(k)fluoranthene	<b>74.2</b>	ug/kg	9.9	3.0	1	10/30/18 10:14	10/31/18 15:44	207-08-9	
Chrysene	<b>141</b>	ug/kg	13.2	4.0	1	10/30/18 10:14	10/31/18 15:44	218-01-9	
Dibenz(a,h)anthracene	<b>19.7</b>	ug/kg	8.8	2.6	1	10/30/18 10:14	10/31/18 15:44	53-70-3	
Fluoranthene	<b>260</b>	ug/kg	20.5	6.1	1	10/30/18 10:14	10/31/18 15:44	206-44-0	
Fluorene	<b>12.3J</b>	ug/kg	16.3	4.9	1	10/30/18 10:14	10/31/18 15:44	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>63.0</b>	ug/kg	8.6	2.6	1	10/30/18 10:14	10/31/18 15:44	193-39-5	
1-Methylnaphthalene	<b>&lt;4.7</b>	ug/kg	15.8	4.7	1	10/30/18 10:14	10/31/18 15:44	90-12-0	
2-Methylnaphthalene	<b>6.6J</b>	ug/kg	19.7	5.9	1	10/30/18 10:14	10/31/18 15:44	91-57-6	
Naphthalene	<b>13.8J</b>	ug/kg	33.1	9.9	1	10/30/18 10:14	10/31/18 15:44	91-20-3	
Phenanthrene	<b>121</b>	ug/kg	45.8	13.7	1	10/30/18 10:14	10/31/18 15:44	85-01-8	
Pyrene	<b>224</b>	ug/kg	17.7	5.3	1	10/30/18 10:14	10/31/18 15:44	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	72	%	10-115		1	10/30/18 10:14	10/31/18 15:44	321-60-8	
Terphenyl-d14 (S)	65	%	10-121		1	10/30/18 10:14	10/31/18 15:44	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/22/18 08:45	10/26/18 11:02	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-4 (6'-7')**      **Lab ID: 40178071019**      Collected: 10/18/18 14:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/22/18 08:45	10/26/18 11:02	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/22/18 08:45	10/26/18 11:02	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/22/18 08:45	10/26/18 11:02	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/22/18 08:45	10/26/18 11:02	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/22/18 08:45	10/26/18 11:02	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/22/18 08:45	10/26/18 11:02	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	103-65-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

**Sample: TP-4 (6'-7')**      **Lab ID: 40178071019**      Collected: 10/18/18 14:00      Received: 10/19/18 09:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/22/18 08:45	10/26/18 11:02	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	57-148		1	10/22/18 08:45	10/26/18 11:02	1868-53-7	
Toluene-d8 (S)	102	%	58-142		1	10/22/18 08:45	10/26/18 11:02	2037-26-5	
4-Bromofluorobenzene (S)	102	%	48-130		1	10/22/18 08:45	10/26/18 11:02	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	15.3	%	0.10	0.10	1		10/22/18 11:39		

### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

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QC Batch: 304438 Analysis Method: EPA 7471  
 QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
 Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007, 40178071008, 40178071009, 40178071010, 40178071011, 40178071012, 40178071013, 40178071014, 40178071015, 40178071016, 40178071017, 40178071018, 40178071019

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METHOD BLANK: 1778726 Matrix: Solid  
 Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007, 40178071008, 40178071009, 40178071010, 40178071011, 40178071012, 40178071013, 40178071014, 40178071015, 40178071016, 40178071017, 40178071018, 40178071019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.035	0.12	10/30/18 11:54	

LABORATORY CONTROL SAMPLE: 1778727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.89	107	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1778728 1778729

Parameter	Units	40178071001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	<0.039	.94	.94	1.0	1.0	107	105	85-115	1	20	

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

QC Batch: 304290 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007, 40178071008, 40178071009, 40178071010, 40178071011, 40178071012, 40178071013, 40178071014, 40178071015, 40178071016, 40178071017, 40178071018, 40178071019

METHOD BLANK: 1777676 Matrix: Solid  
Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007, 40178071008, 40178071009, 40178071010, 40178071011, 40178071012, 40178071013, 40178071014, 40178071015, 40178071016, 40178071017, 40178071018, 40178071019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	10/30/18 20:29	
Barium	mg/kg	<0.15	0.50	10/30/18 20:29	
Cadmium	mg/kg	<0.13	0.50	10/30/18 20:29	
Chromium	mg/kg	<0.28	1.0	10/30/18 20:29	
Lead	mg/kg	<0.60	2.0	10/30/18 20:29	
Selenium	mg/kg	<1.3	4.4	10/30/18 20:29	
Silver	mg/kg	<0.34	1.0	10/30/18 20:29	

LABORATORY CONTROL SAMPLE: 1777677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	46.1	92	80-120	
Barium	mg/kg	50	50.4	101	80-120	
Cadmium	mg/kg	50	46.2	92	80-120	
Chromium	mg/kg	50	50.6	101	80-120	
Lead	mg/kg	50	47.0	94	80-120	
Selenium	mg/kg	50	47.8	96	80-120	
Silver	mg/kg	25	25.2	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1777678 1777679

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40178071006 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/kg	3.6J	65.5	65.4	65.4	64.5	94	93	75-125	1	20
Barium	mg/kg	10.6	65.5	65.4	76.8	75.0	101	99	75-125	2	20
Cadmium	mg/kg	<0.17	65.5	65.4	64.0	62.5	98	96	75-125	2	20
Chromium	mg/kg	5.4	65.5	65.4	68.9	68.5	97	97	75-125	1	20
Lead	mg/kg	2.6	65.5	65.4	62.3	61.2	91	90	75-125	2	20
Selenium	mg/kg	<1.7	65.5	65.4	63.6	62.2	97	95	75-125	2	20
Silver	mg/kg	<0.45	32.8	32.6	33.4	33.1	102	101	75-125	1	20

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

QC Batch: 303946 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007, 40178071008, 40178071009, 40178071010, 40178071011, 40178071012, 40178071013, 40178071014, 40178071015, 40178071016, 40178071017, 40178071018, 40178071019

METHOD BLANK: 1775900 Matrix: Solid  
Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007, 40178071008, 40178071009, 40178071010, 40178071011, 40178071012, 40178071013, 40178071014, 40178071015, 40178071016, 40178071017, 40178071018, 40178071019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/25/18 08:11	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/25/18 08:11	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/25/18 08:11	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/25/18 08:11	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/25/18 08:11	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/25/18 08:11	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/25/18 08:11	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	10/25/18 08:11	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/25/18 08:11	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/25/18 08:11	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/25/18 08:11	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/25/18 08:11	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/25/18 08:11	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/25/18 08:11	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/25/18 08:11	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/25/18 08:11	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/25/18 08:11	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/25/18 08:11	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/25/18 08:11	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/25/18 08:11	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/25/18 08:11	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/25/18 08:11	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/25/18 08:11	
Benzene	ug/kg	<9.2	20.0	10/25/18 08:11	
Bromobenzene	ug/kg	<20.6	50.0	10/25/18 08:11	
Bromochloromethane	ug/kg	<21.4	50.0	10/25/18 08:11	
Bromodichloromethane	ug/kg	<9.8	50.0	10/25/18 08:11	
Bromoform	ug/kg	<19.8	50.0	10/25/18 08:11	
Bromomethane	ug/kg	<69.9	250	10/25/18 08:11	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/25/18 08:11	
Chlorobenzene	ug/kg	<14.8	50.0	10/25/18 08:11	
Chloroethane	ug/kg	<67.0	250	10/25/18 08:11	
Chloroform	ug/kg	<46.4	250	10/25/18 08:11	
Chloromethane	ug/kg	<20.4	50.0	10/25/18 08:11	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/25/18 08:11	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/25/18 08:11	
Dibromochloromethane	ug/kg	<17.9	50.0	10/25/18 08:11	
Dibromomethane	ug/kg	<19.3	50.0	10/25/18 08:11	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

METHOD BLANK: 1775900

Matrix: Solid

Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007, 40178071008, 40178071009, 40178071010, 40178071011, 40178071012, 40178071013, 40178071014, 40178071015, 40178071016, 40178071017, 40178071018, 40178071019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/25/18 08:11	
Diisopropyl ether	ug/kg	<17.7	50.0	10/25/18 08:11	
Ethylbenzene	ug/kg	<12.4	50.0	10/25/18 08:11	
Hexachloro-1,3-butadiene	ug/kg	47.9J	50.0	10/25/18 08:11	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/25/18 08:11	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/25/18 08:11	
Methylene Chloride	ug/kg	<16.2	50.0	10/25/18 08:11	
n-Butylbenzene	ug/kg	23.1J	50.0	10/25/18 08:11	
n-Propylbenzene	ug/kg	<11.6	50.0	10/25/18 08:11	
Naphthalene	ug/kg	<40.0	250	10/25/18 08:11	
p-Isopropyltoluene	ug/kg	16.5J	50.0	10/25/18 08:11	
sec-Butylbenzene	ug/kg	17.5J	50.0	10/25/18 08:11	
Styrene	ug/kg	<9.0	50.0	10/25/18 08:11	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/25/18 08:11	
Tetrachloroethene	ug/kg	<12.9	50.0	10/25/18 08:11	
Toluene	ug/kg	<11.2	50.0	10/25/18 08:11	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/25/18 08:11	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/25/18 08:11	
Trichloroethene	ug/kg	<23.6	50.0	10/25/18 08:11	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/25/18 08:11	
Vinyl chloride	ug/kg	<21.1	50.0	10/25/18 08:11	
Xylene (Total)	ug/kg	<48.4	150	10/25/18 08:11	
4-Bromofluorobenzene (S)	%	93	48-130	10/25/18 08:11	
Dibromofluoromethane (S)	%	91	57-148	10/25/18 08:11	
Toluene-d8 (S)	%	93	58-142	10/25/18 08:11	

LABORATORY CONTROL SAMPLE: 1775901

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2740	110	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2630	105	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2620	105	70-130	
1,1-Dichloroethane	ug/kg	2500	2880	115	67-132	
1,1-Dichloroethene	ug/kg	2500	2640	106	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2240	90	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2440	98	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2470	99	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2370	95	70-130	
1,2-Dichloroethane	ug/kg	2500	3080	123	65-137	
1,2-Dichloropropane	ug/kg	2500	2600	104	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2380	95	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2420	97	70-130	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

LABORATORY CONTROL SAMPLE: 1775901

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2870	115	70-130	
Bromodichloromethane	ug/kg	2500	2730	109	70-130	
Bromoform	ug/kg	2500	1840	74	57-117	
Bromomethane	ug/kg	2500	2800	112	48-135	
Carbon tetrachloride	ug/kg	2500	2580	103	65-133	
Chlorobenzene	ug/kg	2500	2430	97	70-130	
Chloroethane	ug/kg	2500	2470	99	37-165	
Chloroform	ug/kg	2500	2970	119	72-126	
Chloromethane	ug/kg	2500	1920	77	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2400	96	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2450	98	69-130	
Dibromochloromethane	ug/kg	2500	2260	91	68-130	
Dichlorodifluoromethane	ug/kg	2500	1720	69	22-100	
Ethylbenzene	ug/kg	2500	2550	102	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2480	99	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2820	113	66-129	
Methylene Chloride	ug/kg	2500	2470	99	68-129	
Styrene	ug/kg	2500	2610	105	70-130	
Tetrachloroethene	ug/kg	2500	2340	94	70-130	
Toluene	ug/kg	2500	2560	103	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2500	100	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2510	100	67-130	
Trichloroethene	ug/kg	2500	2970	119	70-130	
Trichlorofluoromethane	ug/kg	2500	3150	126	64-134	
Vinyl chloride	ug/kg	2500	2290	92	52-122	
Xylene (Total)	ug/kg	7500	7330	98	70-130	
4-Bromofluorobenzene (S)	%			104	48-130	
Dibromofluoromethane (S)	%			107	57-148	
Toluene-d8 (S)	%			103	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1775902 1775903

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40178071004 Result	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1950	1950	1790	2120	91	109	62-130	17	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1950	1950	1970	1920	101	98	64-137	3	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1950	1950	2080	1990	106	102	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1950	1950	1850	2160	95	111	65-132	16	20		
1,1-Dichloroethene	ug/kg	<25.0	1950	1950	1590	1670	82	86	50-128	5	21		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1950	1950	1860	1830	95	94	51-148	2	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1950	1950	1940	2070	99	106	43-134	7	23		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1950	1950	1820	1840	93	94	70-130	1	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1950	1950	1920	1980	99	102	70-130	3	20		
1,2-Dichloroethane	ug/kg	<25.0	1950	1950	2210	2390	113	122	65-139	8	20		

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1775902		1775903		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40178071004 Result	MS Spike Conc.	MSD Spike Conc.								
1,2-Dichloropropane	ug/kg	<25.0	1950	1950	1950	2000	100	102	74-128	2	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1950	1950	1900	2040	97	104	70-130	7	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1950	1950	1950	2000	100	103	70-130	3	20	
Benzene	ug/kg	<25.0	1950	1950	1940	2140	99	110	66-132	10	20	
Bromodichloromethane	ug/kg	<25.0	1950	1950	1960	2050	101	105	69-130	5	20	
Bromoform	ug/kg	<25.0	1950	1950	1490	1470	76	75	57-130	2	20	
Bromomethane	ug/kg	<69.9	1950	1950	1710	2050	88	105	34-145	18	20	
Carbon tetrachloride	ug/kg	<25.0	1950	1950	1570	1890	81	97	54-133	18	20	
Chlorobenzene	ug/kg	<25.0	1950	1950	1860	1890	95	97	70-130	1	20	
Chloroethane	ug/kg	<67.0	1950	1950	1500	1630	77	83	33-165	8	20	
Chloroform	ug/kg	<46.4	1950	1950	2090	2150	107	110	72-128	3	20	
Chloromethane	ug/kg	<25.0	1950	1950	1080	1280	55	66	20-120	17	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1950	1950	1710	1870	88	96	69-130	9	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1950	1950	1730	1820	89	93	65-130	5	20	
Dibromochloromethane	ug/kg	<25.0	1950	1950	1700	1690	87	87	65-130	0	20	
Dichlorodifluoromethane	ug/kg	<25.0	1950	1950	956	1220	49	63	10-109	24	29	
Ethylbenzene	ug/kg	<25.0	1950	1950	1820	1950	93	100	63-127	7	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1950	1950	1740	1840	89	94	66-130	5	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1950	1950	2180	2140	112	109	62-135	2	20	
Methylene Chloride	ug/kg	<25.0	1950	1950	1810	1850	93	95	68-129	2	20	
Styrene	ug/kg	<25.0	1950	1950	1980	1910	102	98	70-130	4	20	
Tetrachloroethene	ug/kg	<25.0	1950	1950	1630	1770	83	91	70-130	8	20	
Toluene	ug/kg	<25.0	1950	1950	1920	1950	98	100	80-123	2	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1950	1950	1580	1900	81	97	70-130	18	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1950	1950	1840	1690	94	87	67-130	9	20	
Trichloroethene	ug/kg	<25.0	1950	1950	1980	2200	101	113	70-130	11	20	
Trichlorofluoromethane	ug/kg	<25.0	1950	1950	1660	1870	85	96	41-134	11	26	
Vinyl chloride	ug/kg	<25.0	1950	1950	1260	1480	64	76	39-122	17	20	
Xylene (Total)	ug/kg	<75.0	5860	5860	5400	5600	92	96	69-130	4	20	
4-Bromofluorobenzene (S)	%						118	119	48-130			
Dibromofluoromethane (S)	%						110	118	57-148			
Toluene-d8 (S)	%						115	116	58-142			

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

QC Batch: 304562 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007

METHOD BLANK: 1780494 Matrix: Solid  
Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	10/29/18 13:13	
2-Methylnaphthalene	ug/kg	<5.0	16.7	10/29/18 13:13	
Acenaphthene	ug/kg	<3.9	12.9	10/29/18 13:13	
Acenaphthylene	ug/kg	<3.3	11.0	10/29/18 13:13	
Anthracene	ug/kg	<5.7	19.0	10/29/18 13:13	
Benzo(a)anthracene	ug/kg	<3.2	10.6	10/29/18 13:13	
Benzo(a)pyrene	ug/kg	<2.5	8.4	10/29/18 13:13	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	10/29/18 13:13	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	10/29/18 13:13	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	10/29/18 13:13	
Chrysene	ug/kg	<3.4	11.2	10/29/18 13:13	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	10/29/18 13:13	
Fluoranthene	ug/kg	<5.2	17.4	10/29/18 13:13	
Fluorene	ug/kg	<4.1	13.8	10/29/18 13:13	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	10/29/18 13:13	
Naphthalene	ug/kg	<8.4	28.1	10/29/18 13:13	
Phenanthrene	ug/kg	<11.7	38.9	10/29/18 13:13	
Pyrene	ug/kg	<4.5	15.0	10/29/18 13:13	
2-Fluorobiphenyl (S)	%	70	10-115	10/29/18 13:13	
Terphenyl-d14 (S)	%	73	10-121	10/29/18 13:13	

LABORATORY CONTROL SAMPLE: 1780495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	266	80	45-103	
2-Methylnaphthalene	ug/kg	333	268	80	43-98	
Acenaphthene	ug/kg	333	299	90	43-100	
Acenaphthylene	ug/kg	333	299	90	40-100	
Anthracene	ug/kg	333	281	84	50-113	
Benzo(a)anthracene	ug/kg	333	276	83	49-102	
Benzo(a)pyrene	ug/kg	333	298	89	51-105	
Benzo(b)fluoranthene	ug/kg	333	316	95	49-105	
Benzo(g,h,i)perylene	ug/kg	333	217	65	34-113	
Benzo(k)fluoranthene	ug/kg	333	307	92	54-110	
Chrysene	ug/kg	333	303	91	55-116	
Dibenz(a,h)anthracene	ug/kg	333	264	79	45-108	
Fluoranthene	ug/kg	333	304	91	50-118	
Fluorene	ug/kg	333	304	91	41-103	
Indeno(1,2,3-cd)pyrene	ug/kg	333	250	75	43-115	
Naphthalene	ug/kg	333	257	77	44-92	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

LABORATORY CONTROL SAMPLE: 1780495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	279	84	51-104	
Pyrene	ug/kg	333	283	85	51-106	
2-Fluorobiphenyl (S)	%			88	10-115	
Terphenyl-d14 (S)	%			74	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1780496 1780497

Parameter	Units	40178256009		MSD		MSD		% Rec		Max		Qual
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec	Limits	RPD	RPD	
1-Methylnaphthalene	ug/kg	<4.8	401	400	309	270	77	67	21-105	13	30	
2-Methylnaphthalene	ug/kg	<6.0	401	400	290	273	72	68	18-103	6	29	
Acenaphthene	ug/kg	<0.0047 mg/kg	401	400	311	307	78	77	31-100	1	28	
Acenaphthylene	ug/kg	<0.0040 mg/kg	401	400	325	312	81	78	30-100	4	27	
Anthracene	ug/kg	<0.0069 mg/kg	401	400	284	280	71	70	27-113	1	30	
Benzo(a)anthracene	ug/kg	<0.0038 mg/kg	401	400	283	272	70	68	28-102	4	30	
Benzo(a)pyrene	ug/kg	<0.0030 mg/kg	401	400	309	297	77	74	27-105	4	32	
Benzo(b)fluoranthene	ug/kg	<0.0034 mg/kg	401	400	305	295	76	74	24-109	3	37	
Benzo(g,h,i)perylene	ug/kg	<0.0024 mg/kg	401	400	202	179	50	45	10-113	12	38	
Benzo(k)fluoranthene	ug/kg	<0.0030 mg/kg	401	400	329	317	82	79	35-110	4	31	
Chrysene	ug/kg	<0.0041 mg/kg	401	400	306	298	76	74	29-116	3	29	
Dibenz(a,h)anthracene	ug/kg	<0.0027 mg/kg	401	400	252	230	63	57	22-108	9	32	
Fluoranthene	ug/kg	<0.0063 mg/kg	401	400	301	294	75	73	27-118	3	34	
Fluorene	ug/kg	<0.0050 mg/kg	401	400	322	315	80	79	31-103	2	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<0.0026 mg/kg	401	400	237	213	59	53	18-115	10	33	
Naphthalene	ug/kg	<0.010 mg/kg	401	400	279	268	69	67	34-92	4	31	
Phenanthrene	ug/kg	<0.014 mg/kg	401	400	281	275	70	69	28-104	2	32	
Pyrene	ug/kg	<0.0054 mg/kg	401	400	282	273	70	68	13-117	3	40	
2-Fluorobiphenyl (S)	%						73	62	10-115			
Terphenyl-d14 (S)	%						57	49	10-121			

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

LABORATORY CONTROL SAMPLE: 1781099

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	333	274	82	43-115	
Naphthalene	ug/kg	333	237	71	44-92	
Phenanthrene	ug/kg	333	263	79	51-104	
Pyrene	ug/kg	333	256	77	51-106	
2-Fluorobiphenyl (S)	%			81	10-115	
Terphenyl-d14 (S)	%			69	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1781100 1781101

Parameter	Units	40178071010		1781101		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	ug/kg	<4.9	407	407	282	289	69	71	21-105	2	30	
2-Methylnaphthalene	ug/kg	<6.1	407	407	281	287	69	70	18-103	2	29	
Acenaphthene	ug/kg	<4.7	407	407	303	325	74	80	31-100	7	28	
Acenaphthylene	ug/kg	<4.0	407	407	307	326	75	80	30-100	6	27	
Anthracene	ug/kg	<7.0	407	407	273	297	67	73	27-113	9	30	
Benzo(a)anthracene	ug/kg	<3.9	407	407	266	295	65	72	28-102	10	30	
Benzo(a)pyrene	ug/kg	<3.1	407	407	290	321	71	79	27-105	10	32	
Benzo(b)fluoranthene	ug/kg	<3.5	407	407	298	331	73	81	24-109	10	37	
Benzo(g,h,i)perylene	ug/kg	<2.5	407	407	285	313	70	77	10-113	9	38	
Benzo(k)fluoranthene	ug/kg	<3.1	407	407	291	326	71	80	35-110	11	31	
Chrysene	ug/kg	<4.1	407	407	287	319	70	78	29-116	11	29	
Dibenz(a,h)anthracene	ug/kg	<2.7	407	407	286	320	70	79	22-108	11	32	
Fluoranthene	ug/kg	<6.4	407	407	282	311	69	76	27-118	10	34	
Fluorene	ug/kg	<5.1	407	407	296	333	73	82	31-103	12	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.7	407	407	283	321	70	79	18-115	12	33	
Naphthalene	ug/kg	<10.3	407	407	269	270	65	66	34-92	0	31	
Phenanthrene	ug/kg	<14.3	407	407	268	296	66	73	28-104	10	32	
Pyrene	ug/kg	<5.5	407	407	273	303	67	74	13-117	10	40	
2-Fluorobiphenyl (S)	%						74	75	10-115			
Terphenyl-d14 (S)	%						60	65	10-121			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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**QUALITY CONTROL DATA**

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

QC Batch: 303903

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40178071019

SAMPLE DUPLICATE: 1775826

Parameter	Units	40178073001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.0	18.9	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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**QUALITY CONTROL DATA**

Project: 25218096 VOIT FARMS  
 Pace Project No.: 40178071

---

QC Batch: 304581 Analysis Method: ASTM D2974-87  
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture  
 Associated Lab Samples: 40178071001, 40178071002, 40178071003, 40178071004, 40178071005, 40178071006, 40178071007,  
 40178071008, 40178071009, 40178071010, 40178071011, 40178071012, 40178071013, 40178071014,  
 40178071015, 40178071016, 40178071017, 40178071018

---

SAMPLE DUPLICATE: 1780528

Parameter	Units	40178071008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.1	15.3	5	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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## QUALIFIERS

Project: 25218096 VOIT FARMS

Pace Project No.: 40178071

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40178071001	TP-7 (7.5'-8')	EPA 3050	304290	EPA 6010	304870
40178071002	TP-8 (3'-4')	EPA 3050	304290	EPA 6010	304870
40178071003	TP-9 (5'-6')	EPA 3050	304290	EPA 6010	304870
40178071004	TP-10 (5'-6')	EPA 3050	304290	EPA 6010	304870
40178071005	TP-11 (3'-4')	EPA 3050	304290	EPA 6010	304870
40178071006	TP-12 (6'-7')	EPA 3050	304290	EPA 6010	304870
40178071007	TP-13 (4'-5')	EPA 3050	304290	EPA 6010	304870
40178071008	TP-16 (4'-5')	EPA 3050	304290	EPA 6010	304870
40178071009	TP-15 (6'-7')	EPA 3050	304290	EPA 6010	304870
40178071010	TP-14 (7'-8')	EPA 3050	304290	EPA 6010	304870
40178071011	TP-5 (5'-6')	EPA 3050	304290	EPA 6010	304870
40178071012	TP-6 (5'-6')	EPA 3050	304290	EPA 6010	304870
40178071013	TP-0 (1'-2')	EPA 3050	304290	EPA 6010	304870
40178071014	TP-0 (9'-10')	EPA 3050	304290	EPA 6010	304870
40178071015	TP-3 (6'-7')	EPA 3050	304290	EPA 6010	304870
40178071016	TP-2 (1'-2')	EPA 3050	304290	EPA 6010	304870
40178071017	TP-2 (11'-12')	EPA 3050	304290	EPA 6010	304870
40178071018	TP-1 (8'-9')	EPA 3050	304290	EPA 6010	304870
40178071019	TP-4 (6'-7')	EPA 3050	304290	EPA 6010	304870
40178071001	TP-7 (7.5'-8')	EPA 7471	304438	EPA 7471	304654
40178071002	TP-8 (3'-4')	EPA 7471	304438	EPA 7471	304654
40178071003	TP-9 (5'-6')	EPA 7471	304438	EPA 7471	304654
40178071004	TP-10 (5'-6')	EPA 7471	304438	EPA 7471	304654
40178071005	TP-11 (3'-4')	EPA 7471	304438	EPA 7471	304654
40178071006	TP-12 (6'-7')	EPA 7471	304438	EPA 7471	304654
40178071007	TP-13 (4'-5')	EPA 7471	304438	EPA 7471	304654
40178071008	TP-16 (4'-5')	EPA 7471	304438	EPA 7471	304654
40178071009	TP-15 (6'-7')	EPA 7471	304438	EPA 7471	304654
40178071010	TP-14 (7'-8')	EPA 7471	304438	EPA 7471	304654
40178071011	TP-5 (5'-6')	EPA 7471	304438	EPA 7471	304654
40178071012	TP-6 (5'-6')	EPA 7471	304438	EPA 7471	304654
40178071013	TP-0 (1'-2')	EPA 7471	304438	EPA 7471	304654
40178071014	TP-0 (9'-10')	EPA 7471	304438	EPA 7471	304654
40178071015	TP-3 (6'-7')	EPA 7471	304438	EPA 7471	304654
40178071016	TP-2 (1'-2')	EPA 7471	304438	EPA 7471	304654
40178071017	TP-2 (11'-12')	EPA 7471	304438	EPA 7471	304654
40178071018	TP-1 (8'-9')	EPA 7471	304438	EPA 7471	304654
40178071019	TP-4 (6'-7')	EPA 7471	304438	EPA 7471	304654
40178071001	TP-7 (7.5'-8')	EPA 3546	304562	EPA 8270 by SIM	304660
40178071002	TP-8 (3'-4')	EPA 3546	304562	EPA 8270 by SIM	304660
40178071003	TP-9 (5'-6')	EPA 3546	304562	EPA 8270 by SIM	304660
40178071004	TP-10 (5'-6')	EPA 3546	304562	EPA 8270 by SIM	304660
40178071005	TP-11 (3'-4')	EPA 3546	304562	EPA 8270 by SIM	304660
40178071006	TP-12 (6'-7')	EPA 3546	304562	EPA 8270 by SIM	304660
40178071007	TP-13 (4'-5')	EPA 3546	304562	EPA 8270 by SIM	304660
40178071008	TP-16 (4'-5')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071009	TP-15 (6'-7')	EPA 3546	304745	EPA 8270 by SIM	304837

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40178071010	TP-14 (7'-8')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071011	TP-5 (5'-6')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071012	TP-6 (5'-6')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071013	TP-0 (1'-2')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071014	TP-0 (9'-10')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071015	TP-3 (6'-7')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071016	TP-2 (1'-2')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071017	TP-2 (11'-12')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071018	TP-1 (8'-9')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071019	TP-4 (6'-7')	EPA 3546	304745	EPA 8270 by SIM	304837
40178071001	TP-7 (7.5'-8')	EPA 5035/5030B	303946	EPA 8260	303948
40178071002	TP-8 (3'-4')	EPA 5035/5030B	303946	EPA 8260	303948
40178071003	TP-9 (5'-6')	EPA 5035/5030B	303946	EPA 8260	303948
40178071004	TP-10 (5'-6')	EPA 5035/5030B	303946	EPA 8260	303948
40178071005	TP-11 (3'-4')	EPA 5035/5030B	303946	EPA 8260	303948
40178071006	TP-12 (6'-7')	EPA 5035/5030B	303946	EPA 8260	303948
40178071007	TP-13 (4'-5')	EPA 5035/5030B	303946	EPA 8260	303948
40178071008	TP-16 (4'-5')	EPA 5035/5030B	303946	EPA 8260	303948
40178071009	TP-15 (6'-7')	EPA 5035/5030B	303946	EPA 8260	303948
40178071010	TP-14 (7'-8')	EPA 5035/5030B	303946	EPA 8260	303948
40178071011	TP-5 (5'-6')	EPA 5035/5030B	303946	EPA 8260	303948
40178071012	TP-6 (5'-6')	EPA 5035/5030B	303946	EPA 8260	303948
40178071013	TP-0 (1'-2')	EPA 5035/5030B	303946	EPA 8260	303948
40178071014	TP-0 (9'-10')	EPA 5035/5030B	303946	EPA 8260	303948
40178071015	TP-3 (6'-7')	EPA 5035/5030B	303946	EPA 8260	303948
40178071016	TP-2 (1'-2')	EPA 5035/5030B	303946	EPA 8260	303948
40178071017	TP-2 (11'-12')	EPA 5035/5030B	303946	EPA 8260	303948
40178071018	TP-1 (8'-9')	EPA 5035/5030B	303946	EPA 8260	303948
40178071019	TP-4 (6'-7')	EPA 5035/5030B	303946	EPA 8260	303948
40178071001	TP-7 (7.5'-8')	ASTM D2974-87	304581		
40178071002	TP-8 (3'-4')	ASTM D2974-87	304581		
40178071003	TP-9 (5'-6')	ASTM D2974-87	304581		
40178071004	TP-10 (5'-6')	ASTM D2974-87	304581		
40178071005	TP-11 (3'-4')	ASTM D2974-87	304581		
40178071006	TP-12 (6'-7')	ASTM D2974-87	304581		
40178071007	TP-13 (4'-5')	ASTM D2974-87	304581		
40178071008	TP-16 (4'-5')	ASTM D2974-87	304581		
40178071009	TP-15 (6'-7')	ASTM D2974-87	304581		
40178071010	TP-14 (7'-8')	ASTM D2974-87	304581		
40178071011	TP-5 (5'-6')	ASTM D2974-87	304581		
40178071012	TP-6 (5'-6')	ASTM D2974-87	304581		
40178071013	TP-0 (1'-2')	ASTM D2974-87	304581		
40178071014	TP-0 (9'-10')	ASTM D2974-87	304581		
40178071015	TP-3 (6'-7')	ASTM D2974-87	304581		
40178071016	TP-2 (1'-2')	ASTM D2974-87	304581		
40178071017	TP-2 (11'-12')	ASTM D2974-87	304581		
40178071018	TP-1 (8'-9')	ASTM D2974-87	304581		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25218096 VOIT FARMS  
Pace Project No.: 40178071

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40178071019	TP-4 (6'-7')	ASTM D2974-87	303903		

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(Please Print Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-459-2438

Page 1 of 1



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PKMR

# CHAIN OF CUSTODY

A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H= Sodium Bicarbonate Solution I= Sodium Thiosulfate J= Other

FILTERED? (YES/NO)  
 PRESERVATION (CODE)

Company Name: SC Engineers  
 Branch/Location: SC-Madison  
 Project Contact: Tony Kollback  
 Phone: 608-216-7351  
 Project Number: 25218096  
 Project Name: Dot Farms  
 Project State: WI  
 Sampled By (Print): W.H. Hume  
 Sampled By (Sign): [Signature]  
 PO #: \_\_\_\_\_

**Data Package Options**  
 EPA Level III  
 EPA Level IV  
**MSMSD**  
 On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**  
 A = Air B = Biotic C = Charcoal D = DI E = Soil  
 F = Surface Water G = Storm Water H = Waste Water I = Sludge  
 J = Water K = Drinking Water L = Ground Water M = Surface Water N = Waste Water O = Wine

PAGE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	TP-7 (7-5-01)	10/27/01	12:15	S
002	TP-8 (3-01)		9:30	S
003	TP-9 (5-6)		1:00	S
004	TP-10 (5-6)		1:45	S
005	TP-11 (3-01)		1:15	S
006	TP-12 (6-03)		12:30	S
007	TP-13 (4-5)		1:30	S
008	TP-14 (4-5)		1:40	S
009	TP-15 (6-03)		1:30	S
010	TP-16 (7-01)		1:50	S

V/LN	MIX	LAB	Analysis Requested		
			VOCs	PAHs	Metals
			X	X	X
			X	X	X
			X	X	X
			X	X	X
			X	X	X
			X	X	X
			X	X	X
			X	X	X
			X	X	X
			X	X	X

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)  
 Date Needed: \_\_\_\_\_  
 Transmittal Prelim Rush Results by (complete what you want): \_\_\_\_\_  
 Email #1: \_\_\_\_\_  
 Email #2: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Fax: \_\_\_\_\_

Relinquished By: [Signature] Date/Time: 10/18/01 15:45  
 Relinquished By: [Signature] Date/Time: 10/19/01 09:55  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: [Signature] Date/Time: 10/19/01 09:55  
 Received By: [Signature] Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

**Quote #:** \_\_\_\_\_  
**Mail To Contact:** Tony Kollback  
**Mail To Company:** SC Engineers  
**Mail To Address:** 2830 Dairy Drive  
Madison WI 53706  
**Invoice To Contact:** \_\_\_\_\_  
**Invoice To Company:** \_\_\_\_\_  
**Invoice To Address:** \_\_\_\_\_  
**Invoice To Phone:** \_\_\_\_\_

**CLIENT COMMENTS**  
 \_\_\_\_\_  
**LAB COMMENTS (Lab Use Only)**  
 \_\_\_\_\_  
**Profile #**  
 \_\_\_\_\_

PAGE Project No. 46178071  
 Receipt Temp \* 20 °C  
 Sample Receipt pH \_\_\_\_\_  
 OK / Adjusted \_\_\_\_\_  
 Cooler Custody Seal Present / Not Present \_\_\_\_\_  
 Intact / Not Intact \_\_\_\_\_







Document Name:  
Sample Condition Upon Receipt (SCUR)  
Document No.:  
F-GB-C-031-Rev.07

Document Revised: 25Apr2018  
Issuing Authority:  
Pace Green Bay Quality Office

**Sample Condition Upon Receipt Form (SCUR)**

Project #: \_\_\_\_\_

Client Name: GLS

WO#: **40178071**



Courier:  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 Client  Pace Other: \_\_\_\_\_

Tracking #: 2089 101818

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR - N/A Type of Ice: Wet Blue Dry None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R/D /Corr: \_\_\_\_\_

Temp Blank Present:  yes  no Biological Tissue is Frozen:  yes  no

Person examining contents:  
Date: 10/19/18  
Initials: SSM

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>COO - DID, OIL - 89 - no collect times' sent 10/19/18</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>pure / only SSM 10/19/18</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>OIL - ID "TP (8-9)" placed by line (9) SSM 10/19/18</u>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>COO - DID - collector 10/17/18 OIL - OIL collector 10/18/18</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments   
 Person Contacted: (9) OIL - ID "TP (2-3)" Date/Time: \_\_\_\_\_  
 Comments/ Resolution: SSM 10/19/18

Project Manager Review: RUNN FOR ON Date: 10/19/18

October 15, 2018

Tony Kollasch  
SCS ENGINEERS  
2830 Dairy Drive  
Madison, WI 53718

RE: Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

Dear Tony Kollasch:

Enclosed are the analytical results for sample(s) received by the laboratory on September 28, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40176742001	GP1 (7.5-10)	Solid	09/26/18 09:25	09/28/18 08:40
40176742002	GP1 (26-28)	Solid	09/26/18 09:30	09/28/18 08:40
40176742003	GP2 (12.5-15)	Solid	09/26/18 11:40	09/28/18 08:40
40176742004	GP2 (22.5-25)	Solid	09/26/18 11:45	09/28/18 08:40
40176742005	GP3 (5-7.5)	Solid	09/26/18 13:30	09/28/18 08:40
40176742006	GP4 (2.5-5)	Solid	09/26/18 14:40	09/28/18 08:40
40176742007	GP4 (7.5-10)	Solid	09/26/18 14:45	09/28/18 08:40
40176742008	GP5 (7.5-10)	Solid	09/26/18 15:45	09/28/18 08:40
40176742009	GP5 (17.5-20)	Solid	09/26/18 15:50	09/28/18 08:40
40176742010	GP6 (10-12.5)	Solid	09/26/18 16:50	09/28/18 08:40
40176742011	GP12 (S4) (7.5-10)	Solid	09/27/18 09:00	09/28/18 08:40
40176742012	GP7 (S1) (0-2.5)	Solid	09/27/18 10:30	09/28/18 08:40
40176742013	GP8 (S1) (0-2.5)	Solid	09/27/18 11:00	09/28/18 08:40
40176742014	GP9 (S1) (0-2.5)	Solid	09/27/18 11:20	09/28/18 08:40
40176742015	GP10 (S2) (2.5-5)	Solid	09/27/18 11:40	09/28/18 08:40
40176742016	GP11 (S3) (5-7.5)	Solid	09/27/18 12:40	09/28/18 08:40
40176742017	GP-2 (GW)	Water	09/26/18 12:00	09/28/18 08:40
40176742018	GP-9 (GW)	Water	09/27/18 11:30	09/28/18 08:40

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40176742001	GP1 (7.5-10)	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40176742002	GP1 (26-28)	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40176742003	GP2 (12.5-15)	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40176742004	GP2 (22.5-25)	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40176742005	GP3 (5-7.5)	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40176742006	GP4 (2.5-5)	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40176742007	GP4 (7.5-10)	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40176742008	GP5 (7.5-10)	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40176742009	GP5 (17.5-20)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40176742010	GP6 (10-12.5)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40176742011	GP12 (S4) (7.5-10)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40176742012	GP7 (S1) (0-2.5)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40176742013	GP8 (S1) (0-2.5)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40176742014	GP9 (S1) (0-2.5)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40176742015	GP10 (S2) (2.5-5)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40176742016	GP11 (S3) (5-7.5)	ASTM D2974-87	AH	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40176742017	GP-2 (GW)	ASTM D2974-87	AH	1	PASI-G
		EPA 6010	TXW	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	MDS	63	PASI-G
40176742018	GP-9 (GW)	EPA 6010	TXW	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	MDS	63	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40176742001</b>	<b>GP1 (7.5-10)</b>					
EPA 6010	Arsenic	5.7	mg/kg	5.4	10/10/18 18:47	
EPA 6010	Barium	52.3	mg/kg	0.54	10/10/18 18:47	
EPA 6010	Cadmium	0.20J	mg/kg	0.54	10/10/18 18:47	
EPA 6010	Chromium	10.8	mg/kg	1.1	10/10/18 18:47	
EPA 6010	Lead	21.3	mg/kg	2.1	10/10/18 18:47	
EPA 8270 by SIM	Acenaphthylene	54.4	ug/kg	24.3	10/05/18 19:06	
EPA 8270 by SIM	Anthracene	73.3	ug/kg	42.0	10/05/18 19:06	
EPA 8270 by SIM	Benzo(a)anthracene	306	ug/kg	23.4	10/05/18 19:06	
EPA 8270 by SIM	Benzo(a)pyrene	348	ug/kg	18.5	10/05/18 19:06	
EPA 8270 by SIM	Benzo(b)fluoranthene	336	ug/kg	20.8	10/05/18 19:06	
EPA 8270 by SIM	Benzo(g,h,i)perylene	158	ug/kg	15.0	10/05/18 19:06	
EPA 8270 by SIM	Benzo(k)fluoranthene	384	ug/kg	18.5	10/05/18 19:06	
EPA 8270 by SIM	Chrysene	329	ug/kg	24.8	10/05/18 19:06	
EPA 8270 by SIM	Dibenz(a,h)anthracene	63.7	ug/kg	16.5	10/05/18 19:06	
EPA 8270 by SIM	Fluoranthene	517	ug/kg	38.5	10/05/18 19:06	
EPA 8270 by SIM	Fluorene	11.1J	ug/kg	30.5	10/05/18 19:06	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	149	ug/kg	16.2	10/05/18 19:06	
EPA 8270 by SIM	1-Methylnaphthalene	11.6J	ug/kg	29.6	10/05/18 19:06	
EPA 8270 by SIM	2-Methylnaphthalene	18.3J	ug/kg	36.9	10/05/18 19:06	
EPA 8270 by SIM	Naphthalene	18.8J	ug/kg	62.1	10/05/18 19:06	
EPA 8270 by SIM	Phenanthrene	171	ug/kg	85.8	10/05/18 19:06	
EPA 8270 by SIM	Pyrene	453	ug/kg	33.2	10/05/18 19:06	
EPA 8260	Methylene Chloride	52.0J	ug/kg	66.4	10/02/18 11:31	B
ASTM D2974-87	Percent Moisture	9.6	%	0.10	10/03/18 10:49	
<b>40176742002</b>	<b>GP1 (26-28)</b>					
EPA 6010	Arsenic	5.4J	mg/kg	5.7	10/10/18 18:50	
EPA 6010	Barium	79.4	mg/kg	0.57	10/10/18 18:50	
EPA 6010	Cadmium	0.25J	mg/kg	0.57	10/10/18 18:50	
EPA 6010	Chromium	14.1	mg/kg	1.1	10/10/18 18:50	
EPA 6010	Lead	27.4	mg/kg	2.3	10/10/18 18:50	
EPA 8270 by SIM	Acenaphthene	31.5	ug/kg	15.4	10/05/18 15:36	
EPA 8270 by SIM	Acenaphthylene	14.8	ug/kg	13.1	10/05/18 15:36	
EPA 8270 by SIM	Anthracene	89.0	ug/kg	22.6	10/05/18 15:36	
EPA 8270 by SIM	Benzo(a)anthracene	104	ug/kg	12.6	10/05/18 15:36	
EPA 8270 by SIM	Benzo(a)pyrene	92.1	ug/kg	10	10/05/18 15:36	
EPA 8270 by SIM	Benzo(b)fluoranthene	75.9	ug/kg	11.2	10/05/18 15:36	
EPA 8270 by SIM	Benzo(g,h,i)perylene	105	ug/kg	8.1	10/05/18 15:36	
EPA 8270 by SIM	Benzo(k)fluoranthene	53.7	ug/kg	10	10/05/18 15:36	
EPA 8270 by SIM	Chrysene	152	ug/kg	13.3	10/05/18 15:36	
EPA 8270 by SIM	Fluoranthene	142	ug/kg	20.7	10/05/18 15:36	
EPA 8270 by SIM	Fluorene	53.5	ug/kg	16.4	10/05/18 15:36	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	7.5J	ug/kg	8.7	10/05/18 15:36	
EPA 8270 by SIM	1-Methylnaphthalene	321	ug/kg	16.0	10/05/18 15:36	
EPA 8270 by SIM	2-Methylnaphthalene	450	ug/kg	19.9	10/05/18 15:36	
EPA 8270 by SIM	Naphthalene	256	ug/kg	33.5	10/05/18 15:36	
EPA 8270 by SIM	Phenanthrene	484	ug/kg	46.2	10/05/18 15:36	
EPA 8270 by SIM	Pyrene	167	ug/kg	17.9	10/05/18 15:36	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40176742002</b>	<b>GP1 (26-28)</b>					
EPA 8260	Methylene Chloride	63.8J	ug/kg	71.5	10/02/18 11:54	B
ASTM D2974-87	Percent Moisture	16.1	%	0.10	10/03/18 10:49	
<b>40176742003</b>	<b>GP2 (12.5-15)</b>					
EPA 6010	Arsenic	4.7J	mg/kg	5.0	10/10/18 18:52	
EPA 6010	Barium	105	mg/kg	0.50	10/10/18 18:52	
EPA 6010	Chromium	16.9	mg/kg	1.0	10/10/18 18:52	
EPA 6010	Lead	26.3	mg/kg	2.0	10/10/18 18:52	
EPA 6010	Silver	0.47J	mg/kg	1.0	10/10/18 18:52	
EPA 7471	Mercury	0.047J	mg/kg	0.12	10/11/18 11:26	
EPA 8270 by SIM	Acenaphthene	49.7J	ug/kg	55.7	10/05/18 19:24	
EPA 8270 by SIM	Anthracene	129	ug/kg	82.1	10/05/18 19:24	
EPA 8270 by SIM	Benzo(a)anthracene	407	ug/kg	45.8	10/05/18 19:24	
EPA 8270 by SIM	Benzo(a)pyrene	372	ug/kg	36.2	10/05/18 19:24	
EPA 8270 by SIM	Benzo(b)fluoranthene	200	ug/kg	40.7	10/05/18 19:24	
EPA 8270 by SIM	Benzo(g,h,i)perylene	192	ug/kg	29.2	10/05/18 19:24	
EPA 8270 by SIM	Benzo(k)fluoranthene	82.4	ug/kg	36.1	10/05/18 19:24	
EPA 8270 by SIM	Chrysene	622	ug/kg	48.4	10/05/18 19:24	
EPA 8270 by SIM	Dibenz(a,h)anthracene	51.8	ug/kg	32.2	10/05/18 19:24	
EPA 8270 by SIM	Fluoranthene	401	ug/kg	75.2	10/05/18 19:24	
EPA 8270 by SIM	Fluorene	72.7	ug/kg	59.6	10/05/18 19:24	
EPA 8270 by SIM	1-Methylnaphthalene	78.1	ug/kg	57.9	10/05/18 19:24	
EPA 8270 by SIM	2-Methylnaphthalene	56.0J	ug/kg	72.1	10/05/18 19:24	
EPA 8270 by SIM	Phenanthrene	612	ug/kg	168	10/05/18 19:24	
EPA 8270 by SIM	Pyrene	2150	ug/kg	64.8	10/05/18 19:24	
EPA 8260	Methylene Chloride	58.1J	ug/kg	64.8	10/02/18 12:17	B
ASTM D2974-87	Percent Moisture	7.4	%	0.10	10/03/18 10:49	
<b>40176742004</b>	<b>GP2 (22.5-25)</b>					
EPA 6010	Arsenic	5.0J	mg/kg	5.3	10/10/18 18:54	
EPA 6010	Barium	50.5	mg/kg	0.53	10/10/18 18:54	
EPA 6010	Chromium	13.4	mg/kg	1.1	10/10/18 18:54	
EPA 6010	Lead	10.2	mg/kg	2.1	10/10/18 18:54	
EPA 7471	Mercury	0.048J	mg/kg	0.12	10/11/18 11:28	
EPA 8270 by SIM	Acenaphthene	4.4J	ug/kg	14.0	10/05/18 15:54	
EPA 8270 by SIM	Acenaphthylene	17.5	ug/kg	12.0	10/05/18 15:54	
EPA 8270 by SIM	Anthracene	30.9	ug/kg	20.7	10/05/18 15:54	
EPA 8270 by SIM	Benzo(a)anthracene	109	ug/kg	11.5	10/05/18 15:54	
EPA 8270 by SIM	Benzo(a)pyrene	152	ug/kg	9.1	10/05/18 15:54	
EPA 8270 by SIM	Benzo(b)fluoranthene	148	ug/kg	10.2	10/05/18 15:54	
EPA 8270 by SIM	Benzo(k)fluoranthene	143	ug/kg	9.1	10/05/18 15:54	
EPA 8270 by SIM	Chrysene	157	ug/kg	12.2	10/05/18 15:54	
EPA 8270 by SIM	Fluoranthene	208	ug/kg	18.9	10/05/18 15:54	
EPA 8270 by SIM	Fluorene	7.7J	ug/kg	15.0	10/05/18 15:54	
EPA 8270 by SIM	1-Methylnaphthalene	8.9J	ug/kg	14.6	10/05/18 15:54	
EPA 8270 by SIM	2-Methylnaphthalene	9.8J	ug/kg	18.2	10/05/18 15:54	
EPA 8270 by SIM	Naphthalene	9.8J	ug/kg	30.6	10/05/18 15:54	
EPA 8270 by SIM	Phenanthrene	78.2	ug/kg	42.2	10/05/18 15:54	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40176742004</b>	<b>GP2 (22.5-25)</b>					
EPA 8270 by SIM	Pyrene	172	ug/kg	16.3	10/05/18 15:54	
EPA 8260	Methylene Chloride	71.4	ug/kg	65.3	10/02/18 12:40	B
ASTM D2974-87	Percent Moisture	8.1	%	0.10	10/03/18 10:49	
<b>40176742005</b>	<b>GP3 (5-7.5)</b>					
EPA 6010	Arsenic	4.4J	mg/kg	5.4	10/10/18 18:57	
EPA 6010	Barium	72.7	mg/kg	0.54	10/10/18 18:57	
EPA 6010	Chromium	19.1	mg/kg	1.1	10/10/18 18:57	
EPA 6010	Lead	84.8	mg/kg	2.2	10/10/18 18:57	
EPA 6010	Silver	0.45J	mg/kg	1.1	10/10/18 18:57	
EPA 8270 by SIM	Acenaphthene	8.9J	ug/kg	15.5	10/05/18 16:11	
EPA 8270 by SIM	Acenaphthylene	5.2J	ug/kg	13.3	10/05/18 16:11	
EPA 8270 by SIM	Anthracene	25.8	ug/kg	22.9	10/05/18 16:11	
EPA 8270 by SIM	Benzo(a)anthracene	97.5	ug/kg	12.8	10/05/18 16:11	
EPA 8270 by SIM	Benzo(a)pyrene	125	ug/kg	10.1	10/05/18 16:11	
EPA 8270 by SIM	Benzo(b)fluoranthene	148	ug/kg	11.3	10/05/18 16:11	
EPA 8270 by SIM	Benzo(g,h,i)perylene	85.7	ug/kg	8.2	10/05/18 16:11	
EPA 8270 by SIM	Benzo(k)fluoranthene	125	ug/kg	10.1	10/05/18 16:11	
EPA 8270 by SIM	Chrysene	131	ug/kg	13.5	10/05/18 16:11	
EPA 8270 by SIM	Dibenz(a,h)anthracene	26.8	ug/kg	9.0	10/05/18 16:11	
EPA 8270 by SIM	Fluoranthene	243	ug/kg	21.0	10/05/18 16:11	
EPA 8270 by SIM	Fluorene	9.9J	ug/kg	16.6	10/05/18 16:11	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	3.9J	ug/kg	8.8	10/05/18 16:11	
EPA 8270 by SIM	1-Methylnaphthalene	5.3J	ug/kg	16.1	10/05/18 16:11	
EPA 8270 by SIM	2-Methylnaphthalene	9.2J	ug/kg	20.1	10/05/18 16:11	
EPA 8270 by SIM	Naphthalene	29.9J	ug/kg	33.9	10/05/18 16:11	
EPA 8270 by SIM	Phenanthrene	117	ug/kg	46.8	10/05/18 16:11	
EPA 8270 by SIM	Pyrene	180	ug/kg	18.1	10/05/18 16:11	
EPA 8260	Methylene Chloride	48.5J	ug/kg	72.2	10/02/18 13:04	B
ASTM D2974-87	Percent Moisture	16.9	%	0.10	10/03/18 10:49	
<b>40176742006</b>	<b>GP4 (2.5-5)</b>					
EPA 6010	Arsenic	52.9	mg/kg	5.0	10/10/18 18:59	
EPA 6010	Barium	81.3	mg/kg	0.50	10/10/18 18:59	
EPA 6010	Cadmium	0.38J	mg/kg	0.50	10/10/18 18:59	
EPA 6010	Chromium	16.3	mg/kg	1.0	10/10/18 18:59	
EPA 6010	Lead	30.3	mg/kg	2.0	10/10/18 18:59	
EPA 6010	Silver	0.40J	mg/kg	1.0	10/10/18 18:59	
EPA 8270 by SIM	Acenaphthene	5.5J	ug/kg	13.9	10/05/18 16:28	
EPA 8270 by SIM	Acenaphthylene	12.7	ug/kg	11.8	10/05/18 16:28	
EPA 8270 by SIM	Anthracene	42.6	ug/kg	20.5	10/05/18 16:28	
EPA 8270 by SIM	Benzo(a)anthracene	142	ug/kg	11.4	10/05/18 16:28	
EPA 8270 by SIM	Benzo(a)pyrene	153	ug/kg	9.0	10/05/18 16:28	
EPA 8270 by SIM	Benzo(b)fluoranthene	133	ug/kg	10.1	10/05/18 16:28	
EPA 8270 by SIM	Benzo(g,h,i)perylene	68.7	ug/kg	7.3	10/05/18 16:28	
EPA 8270 by SIM	Benzo(k)fluoranthene	150	ug/kg	9.0	10/05/18 16:28	
EPA 8270 by SIM	Chrysene	148	ug/kg	12.1	10/05/18 16:28	
EPA 8270 by SIM	Dibenz(a,h)anthracene	25.7	ug/kg	8.0	10/05/18 16:28	

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40176742006</b>	<b>GP4 (2.5-5)</b>					
EPA 8270 by SIM	Fluoranthene	296	ug/kg	18.7	10/05/18 16:28	
EPA 8270 by SIM	Fluorene	6.7J	ug/kg	14.9	10/05/18 16:28	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	3.6J	ug/kg	7.9	10/05/18 16:28	
EPA 8270 by SIM	Phenanthrene	105	ug/kg	41.8	10/05/18 16:28	
EPA 8270 by SIM	Pyrene	237	ug/kg	16.2	10/05/18 16:28	
EPA 8260	Methylene Chloride	60.6J	ug/kg	64.6	10/02/18 19:44	B
ASTM D2974-87	Percent Moisture	7.1	%	0.10	10/03/18 10:49	
<b>40176742007</b>	<b>GP4 (7.5-10)</b>					
EPA 6010	Arsenic	2.8J	mg/kg	6.0	10/10/18 19:01	
EPA 6010	Barium	30.8	mg/kg	0.60	10/10/18 19:01	
EPA 6010	Chromium	6.3	mg/kg	1.2	10/10/18 19:01	
EPA 6010	Lead	14.9	mg/kg	2.4	10/10/18 19:01	
EPA 7471	Mercury	0.075J	mg/kg	0.14	10/11/18 11:40	
EPA 8270 by SIM	Benzo(a)anthracene	19.1	ug/kg	13.8	10/05/18 16:46	
EPA 8270 by SIM	Benzo(a)pyrene	22.1	ug/kg	10.9	10/05/18 16:46	
EPA 8270 by SIM	Benzo(b)fluoranthene	19.5	ug/kg	12.3	10/05/18 16:46	
EPA 8270 by SIM	Benzo(g,h,i)perylene	13.1	ug/kg	8.8	10/05/18 16:46	
EPA 8270 by SIM	Benzo(k)fluoranthene	23.6	ug/kg	10.9	10/05/18 16:46	
EPA 8270 by SIM	Chrysene	21.5	ug/kg	14.6	10/05/18 16:46	
EPA 8270 by SIM	Dibenz(a,h)anthracene	4.3J	ug/kg	9.7	10/05/18 16:46	
EPA 8270 by SIM	Fluoranthene	41.9	ug/kg	22.7	10/05/18 16:46	
EPA 8270 by SIM	Phenanthrene	16.0J	ug/kg	50.6	10/05/18 16:46	
EPA 8270 by SIM	Pyrene	30.9	ug/kg	19.6	10/05/18 16:46	
EPA 8260	Methylene Chloride	71.4J	ug/kg	78.2	10/02/18 13:50	B
ASTM D2974-87	Percent Moisture	23.3	%	0.10	10/03/18 10:49	
<b>40176742008</b>	<b>GP5 (7.5-10)</b>					
EPA 6010	Arsenic	2.2J	mg/kg	5.5	10/11/18 22:05	
EPA 6010	Barium	29.4	mg/kg	0.55	10/11/18 22:05	
EPA 6010	Chromium	7.1	mg/kg	1.1	10/11/18 22:05	
EPA 6010	Lead	9.8	mg/kg	2.2	10/11/18 22:05	
EPA 8270 by SIM	Benzo(a)anthracene	21.1	ug/kg	11.8	10/05/18 11:32	
EPA 8270 by SIM	Benzo(a)pyrene	19.7	ug/kg	9.3	10/05/18 11:32	
EPA 8270 by SIM	Benzo(b)fluoranthene	22.6	ug/kg	10.5	10/05/18 11:32	
EPA 8270 by SIM	Benzo(k)fluoranthene	16.1	ug/kg	9.3	10/05/18 11:32	
EPA 8270 by SIM	Chrysene	26.5	ug/kg	12.5	10/05/18 11:32	
EPA 8270 by SIM	Fluoranthene	50.3	ug/kg	19.4	10/05/18 11:32	
EPA 8270 by SIM	Phenanthrene	28.6J	ug/kg	43.2	10/05/18 11:32	
EPA 8270 by SIM	Pyrene	37.4	ug/kg	16.7	10/05/18 11:32	
EPA 8260	Methylene Chloride	73.2	ug/kg	66.8	10/02/18 21:16	B
ASTM D2974-87	Percent Moisture	10.1	%	0.10	10/03/18 11:12	
<b>40176742009</b>	<b>GP5 (17.5-20)</b>					
EPA 6010	Arsenic	4.6J	mg/kg	5.1	10/11/18 21:53	
EPA 6010	Barium	157	mg/kg	0.51	10/11/18 21:53	MO
EPA 6010	Chromium	24.7	mg/kg	1.0	10/11/18 21:53	
EPA 6010	Lead	9.4	mg/kg	2.0	10/11/18 21:53	
EPA 7471	Mercury	0.040J	mg/kg	0.11	10/11/18 11:44	

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40176742009</b>	<b>GP5 (17.5-20)</b>					
EPA 8270 by SIM	Acenaphthene	30.8J	ug/kg	65.6	10/05/18 19:41	
EPA 8270 by SIM	Acenaphthylene	202	ug/kg	56.0	10/05/18 19:41	
EPA 8270 by SIM	Anthracene	301	ug/kg	96.7	10/05/18 19:41	
EPA 8270 by SIM	Benzo(a)anthracene	651	ug/kg	53.9	10/05/18 19:41	
EPA 8270 by SIM	Benzo(a)pyrene	769	ug/kg	42.6	10/05/18 19:41	
EPA 8270 by SIM	Benzo(b)fluoranthene	682	ug/kg	47.9	10/05/18 19:41	
EPA 8270 by SIM	Benzo(g,h,i)perylene	330	ug/kg	34.5	10/05/18 19:41	
EPA 8270 by SIM	Benzo(k)fluoranthene	717	ug/kg	42.5	10/05/18 19:41	
EPA 8270 by SIM	Chrysene	654	ug/kg	57.0	10/05/18 19:41	
EPA 8270 by SIM	Dibenz(a,h)anthracene	126	ug/kg	37.9	10/05/18 19:41	
EPA 8270 by SIM	Fluoranthene	1210	ug/kg	88.5	10/05/18 19:41	
EPA 8270 by SIM	Fluorene	72.7	ug/kg	70.2	10/05/18 19:41	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	313	ug/kg	37.3	10/05/18 19:41	
EPA 8270 by SIM	Naphthalene	49.7J	ug/kg	143	10/05/18 19:41	
EPA 8270 by SIM	Phenanthrene	430	ug/kg	197	10/05/18 19:41	
EPA 8270 by SIM	Pyrene	1020	ug/kg	76.3	10/05/18 19:41	
EPA 8260	Methylene Chloride	59.6J	ug/kg	61.0	10/02/18 21:40	B
ASTM D2974-87	Percent Moisture	1.7	%	0.10	10/03/18 11:12	
<b>40176742010</b>	<b>GP6 (10-12.5)</b>					
EPA 6010	Arsenic	6.0	mg/kg	5.3	10/11/18 22:07	
EPA 6010	Barium	70.5	mg/kg	0.53	10/11/18 22:07	
EPA 6010	Chromium	15.9	mg/kg	1.1	10/11/18 22:07	
EPA 6010	Lead	11.3	mg/kg	2.1	10/11/18 22:07	
EPA 8270 by SIM	Acenaphthylene	127	ug/kg	120	10/05/18 15:19	
EPA 8270 by SIM	Anthracene	391	ug/kg	208	10/05/18 15:19	
EPA 8270 by SIM	Benzo(a)anthracene	1220	ug/kg	116	10/05/18 15:19	
EPA 8270 by SIM	Benzo(a)pyrene	1810	ug/kg	91.5	10/05/18 15:19	
EPA 8270 by SIM	Benzo(b)fluoranthene	1440	ug/kg	103	10/05/18 15:19	
EPA 8270 by SIM	Benzo(g,h,i)perylene	1390	ug/kg	74.0	10/05/18 15:19	
EPA 8270 by SIM	Benzo(k)fluoranthene	1680	ug/kg	91.4	10/05/18 15:19	
EPA 8270 by SIM	Chrysene	1400	ug/kg	122	10/05/18 15:19	
EPA 8270 by SIM	Dibenz(a,h)anthracene	419	ug/kg	81.5	10/05/18 15:19	L2
EPA 8270 by SIM	Fluoranthene	2010	ug/kg	190	10/05/18 15:19	
EPA 8270 by SIM	Fluorene	66.0J	ug/kg	151	10/05/18 15:19	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	1130	ug/kg	80.1	10/05/18 15:19	
EPA 8270 by SIM	Phenanthrene	669	ug/kg	424	10/05/18 15:19	
EPA 8270 by SIM	Pyrene	1460	ug/kg	164	10/05/18 15:19	
EPA 8260	Methylene Chloride	52.8J	ug/kg	65.7	10/02/18 20:07	B
ASTM D2974-87	Percent Moisture	8.6	%	0.10	10/03/18 11:12	
<b>40176742011</b>	<b>GP12 (S4) (7.5-10)</b>					
EPA 6010	Arsenic	4.1J	mg/kg	5.3	10/11/18 22:10	
EPA 6010	Barium	49.0	mg/kg	0.53	10/11/18 22:10	
EPA 6010	Cadmium	0.26J	mg/kg	0.53	10/11/18 22:10	
EPA 6010	Chromium	10.0	mg/kg	1.1	10/11/18 22:10	
EPA 6010	Lead	26.6	mg/kg	2.1	10/11/18 22:10	
EPA 8270 by SIM	Acenaphthene	16.0	ug/kg	14.1	10/05/18 13:33	

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARM

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Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40176742011</b>	<b>GP12 (S4) (7.5-10)</b>					
EPA 8270 by SIM	Acenaphthylene	79.8	ug/kg	12.0	10/05/18 13:33	
EPA 8270 by SIM	Anthracene	94.5	ug/kg	20.7	10/05/18 13:33	
EPA 8270 by SIM	Benzo(a)anthracene	327	ug/kg	11.6	10/05/18 13:33	
EPA 8270 by SIM	Benzo(a)pyrene	372	ug/kg	9.1	10/05/18 13:33	
EPA 8270 by SIM	Benzo(b)fluoranthene	524	ug/kg	10.3	10/05/18 13:33	
EPA 8270 by SIM	Benzo(g,h,i)perylene	262	ug/kg	7.4	10/05/18 13:33	
EPA 8270 by SIM	Benzo(k)fluoranthene	167	ug/kg	9.1	10/05/18 13:33	
EPA 8270 by SIM	Chrysene	321	ug/kg	12.2	10/05/18 13:33	
EPA 8270 by SIM	Dibenz(a,h)anthracene	71.5	ug/kg	8.1	10/05/18 13:33	L2
EPA 8270 by SIM	Fluoranthene	553	ug/kg	19.0	10/05/18 13:33	
EPA 8270 by SIM	Fluorene	27.1	ug/kg	15.1	10/05/18 13:33	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	227	ug/kg	8.0	10/05/18 13:33	
EPA 8270 by SIM	1-Methylnaphthalene	10.7J	ug/kg	14.6	10/05/18 13:33	
EPA 8270 by SIM	2-Methylnaphthalene	14.9J	ug/kg	18.2	10/05/18 13:33	
EPA 8270 by SIM	Naphthalene	21.2J	ug/kg	30.6	10/05/18 13:33	
EPA 8270 by SIM	Phenanthrene	235	ug/kg	42.3	10/05/18 13:33	
EPA 8270 by SIM	Pyrene	447	ug/kg	16.4	10/05/18 13:33	
EPA 8260	Methylene Chloride	51.8J	ug/kg	65.5	10/02/18 20:30	B
ASTM D2974-87	Percent Moisture	8.4	%	0.10	10/03/18 11:12	
<b>40176742012</b>	<b>GP7 (S1) (0-2.5)</b>					
EPA 6010	Arsenic	6.5	mg/kg	5.8	10/11/18 22:12	
EPA 6010	Barium	82.2	mg/kg	0.58	10/11/18 22:12	
EPA 6010	Cadmium	0.21J	mg/kg	0.58	10/11/18 22:12	
EPA 6010	Chromium	15.2	mg/kg	1.2	10/11/18 22:12	
EPA 6010	Lead	13.0	mg/kg	2.3	10/11/18 22:12	
EPA 8270 by SIM	Acenaphthylene	19.4	ug/kg	13.0	10/05/18 13:50	
EPA 8270 by SIM	Anthracene	25.0	ug/kg	22.4	10/05/18 13:50	
EPA 8270 by SIM	Benzo(a)anthracene	69.5	ug/kg	12.5	10/05/18 13:50	
EPA 8270 by SIM	Benzo(a)pyrene	78.3	ug/kg	9.9	10/05/18 13:50	
EPA 8270 by SIM	Benzo(b)fluoranthene	103	ug/kg	11.1	10/05/18 13:50	
EPA 8270 by SIM	Benzo(g,h,i)perylene	45.0	ug/kg	8.0	10/05/18 13:50	
EPA 8270 by SIM	Benzo(k)fluoranthene	48.8	ug/kg	9.9	10/05/18 13:50	
EPA 8270 by SIM	Chrysene	79.7	ug/kg	13.2	10/05/18 13:50	
EPA 8270 by SIM	Dibenz(a,h)anthracene	10.7	ug/kg	8.8	10/05/18 13:50	L2
EPA 8270 by SIM	Fluoranthene	126	ug/kg	20.6	10/05/18 13:50	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	36.5	ug/kg	8.7	10/05/18 13:50	
EPA 8270 by SIM	Phenanthrene	46.3	ug/kg	45.8	10/05/18 13:50	
EPA 8270 by SIM	Pyrene	103	ug/kg	17.7	10/05/18 13:50	
EPA 8260	Methylene Chloride	58.4J	ug/kg	70.8	10/02/18 20:53	B
ASTM D2974-87	Percent Moisture	15.3	%	0.10	10/03/18 11:12	
<b>40176742013</b>	<b>GP8 (S1) (0-2.5)</b>					
EPA 6010	Arsenic	3.9J	mg/kg	5.1	10/11/18 22:15	
EPA 6010	Barium	35.2	mg/kg	0.51	10/11/18 22:15	
EPA 6010	Chromium	9.2	mg/kg	1.0	10/11/18 22:15	
EPA 6010	Lead	15.9	mg/kg	2.0	10/11/18 22:15	
EPA 8270 by SIM	Acenaphthylene	4.3J	ug/kg	11.9	10/05/18 14:07	

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40176742013</b>	<b>GP8 (S1) (0-2.5)</b>					
EPA 8270 by SIM	Anthracene	6.8J	ug/kg	20.6	10/05/18 14:07	
EPA 8270 by SIM	Benzo(a)anthracene	26.6	ug/kg	11.5	10/05/18 14:07	
EPA 8270 by SIM	Benzo(a)pyrene	30.9	ug/kg	9.1	10/05/18 14:07	
EPA 8270 by SIM	Benzo(b)fluoranthene	41.0	ug/kg	10.2	10/05/18 14:07	
EPA 8270 by SIM	Benzo(g,h,i)perylene	22.6	ug/kg	7.3	10/05/18 14:07	
EPA 8270 by SIM	Benzo(k)fluoranthene	19.1	ug/kg	9.1	10/05/18 14:07	
EPA 8270 by SIM	Chrysene	35.0	ug/kg	12.1	10/05/18 14:07	
EPA 8270 by SIM	Dibenz(a,h)anthracene	4.6J	ug/kg	8.1	10/05/18 14:07	L2
EPA 8270 by SIM	Fluoranthene	53.4	ug/kg	18.8	10/05/18 14:07	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	16.2	ug/kg	7.9	10/05/18 14:07	
EPA 8270 by SIM	Phenanthrene	16.4J	ug/kg	42.0	10/05/18 14:07	
EPA 8270 by SIM	Pyrene	46.9	ug/kg	16.2	10/05/18 14:07	
EPA 8260	Methylene Chloride	72.5	ug/kg	65.0	10/02/18 14:59	B
ASTM D2974-87	Percent Moisture	7.7	%	0.10	10/03/18 11:13	
<b>40176742014</b>	<b>GP9 (S1) (0-2.5)</b>					
EPA 6010	Arsenic	8.6	mg/kg	5.9	10/11/18 22:17	
EPA 6010	Barium	83.9	mg/kg	0.59	10/11/18 22:17	
EPA 6010	Cadmium	0.27J	mg/kg	0.59	10/11/18 22:17	
EPA 6010	Chromium	21.8	mg/kg	1.2	10/11/18 22:17	
EPA 6010	Lead	20.1	mg/kg	2.4	10/11/18 22:17	
EPA 8270 by SIM	Acenaphthylene	8.7J	ug/kg	13.7	10/05/18 12:59	
EPA 8270 by SIM	Anthracene	14.5J	ug/kg	23.6	10/05/18 12:59	
EPA 8270 by SIM	Benzo(a)anthracene	41.4	ug/kg	13.2	10/05/18 12:59	
EPA 8270 by SIM	Benzo(a)pyrene	53.2	ug/kg	10.4	10/05/18 12:59	
EPA 8270 by SIM	Benzo(b)fluoranthene	73.7	ug/kg	11.7	10/05/18 12:59	
EPA 8270 by SIM	Benzo(g,h,i)perylene	42.7	ug/kg	8.4	10/05/18 12:59	
EPA 8270 by SIM	Benzo(k)fluoranthene	32.5	ug/kg	10.4	10/05/18 12:59	
EPA 8270 by SIM	Chrysene	60.5	ug/kg	13.9	10/05/18 12:59	
EPA 8270 by SIM	Dibenz(a,h)anthracene	8.5J	ug/kg	9.2	10/05/18 12:59	L2
EPA 8270 by SIM	Fluoranthene	95.4	ug/kg	21.6	10/05/18 12:59	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	32.9	ug/kg	9.1	10/05/18 12:59	
EPA 8270 by SIM	Phenanthrene	41.8J	ug/kg	48.2	10/05/18 12:59	
EPA 8270 by SIM	Pyrene	79.7	ug/kg	18.6	10/05/18 12:59	
ASTM D2974-87	Percent Moisture	19.3	%	0.10	10/03/18 11:13	
<b>40176742015</b>	<b>GP10 (S2) (2.5-5)</b>					
EPA 6010	Arsenic	3.8J	mg/kg	5.9	10/11/18 22:20	
EPA 6010	Barium	36.3	mg/kg	0.59	10/11/18 22:20	
EPA 6010	Chromium	9.1	mg/kg	1.2	10/11/18 22:20	
EPA 6010	Lead	22.8	mg/kg	2.4	10/11/18 22:20	
EPA 7471	Mercury	0.13	mg/kg	0.13	10/11/18 12:03	
EPA 8270 by SIM	Anthracene	9.4J	ug/kg	23.4	10/08/18 11:14	
EPA 8270 by SIM	Benzo(a)anthracene	23.0	ug/kg	13.1	10/08/18 11:14	
EPA 8270 by SIM	Benzo(a)pyrene	22.9	ug/kg	10.3	10/08/18 11:14	
EPA 8270 by SIM	Benzo(b)fluoranthene	35.8	ug/kg	11.6	10/08/18 11:14	
EPA 8270 by SIM	Benzo(g,h,i)perylene	21.8	ug/kg	8.3	10/08/18 11:14	
EPA 8270 by SIM	Benzo(k)fluoranthene	16.2	ug/kg	10.3	10/08/18 11:14	

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40176742015</b>	<b>GP10 (S2) (2.5-5)</b>					
EPA 8270 by SIM	Chrysene	29.3	ug/kg	13.8	10/08/18 11:14	
EPA 8270 by SIM	Dibenz(a,h)anthracene	5.1J	ug/kg	9.2	10/08/18 11:14	L2
EPA 8270 by SIM	Fluoranthene	61.4	ug/kg	21.4	10/08/18 11:14	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	18.5	ug/kg	9.0	10/08/18 11:14	
EPA 8270 by SIM	Phenanthrene	32.6J	ug/kg	47.8	10/08/18 11:14	
EPA 8270 by SIM	Pyrene	46.4	ug/kg	18.5	10/08/18 11:14	
EPA 8260	Methylene Chloride	58.4J	ug/kg	74.0	10/02/18 18:58	B
ASTM D2974-87	Percent Moisture	18.9	%	0.10	10/03/18 11:13	
<b>40176742016</b>	<b>GP11 (S3) (5-7.5)</b>					
EPA 6010	Arsenic	6.1	mg/kg	5.5	10/11/18 22:22	
EPA 6010	Barium	73.6	mg/kg	0.55	10/11/18 22:22	
EPA 6010	Chromium	22.1	mg/kg	1.1	10/11/18 22:22	
EPA 6010	Lead	7.2	mg/kg	2.2	10/11/18 22:22	
EPA 8260	Methylene Chloride	62.0J	ug/kg	69.8	10/02/18 19:21	B
ASTM D2974-87	Percent Moisture	14.1	%	0.10	10/03/18 11:13	
<b>40176742017</b>	<b>GP-2 (GW)</b>					
EPA 6010	Arsenic, Dissolved	13.5J	ug/L	25.0	10/12/18 12:21	
EPA 6010	Barium, Dissolved	67.2	ug/L	5.0	10/12/18 12:21	
EPA 8270 by HVI	Acenaphthene	0.13	ug/L	0.027	10/03/18 16:36	
EPA 8270 by HVI	Acenaphthylene	0.20	ug/L	0.022	10/03/18 16:36	
EPA 8270 by HVI	Anthracene	0.45	ug/L	0.047	10/03/18 16:36	
EPA 8270 by HVI	Benzo(a)anthracene	1.2	ug/L	0.034	10/03/18 16:36	
EPA 8270 by HVI	Benzo(a)pyrene	1.2	ug/L	0.047	10/03/18 16:36	
EPA 8270 by HVI	Benzo(b)fluoranthene	1.5	ug/L	0.026	10/03/18 16:36	
EPA 8270 by HVI	Benzo(g,h,i)perylene	1.0	ug/L	0.031	10/03/18 16:36	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.66	ug/L	0.034	10/03/18 16:36	
EPA 8270 by HVI	Chrysene	1.4	ug/L	0.059	10/03/18 16:36	
EPA 8270 by HVI	Dibenz(a,h)anthracene	0.18	ug/L	0.045	10/03/18 16:36	
EPA 8270 by HVI	Fluoranthene	2.5	ug/L	0.048	10/03/18 16:36	
EPA 8270 by HVI	Fluorene	0.19	ug/L	0.036	10/03/18 16:36	
EPA 8270 by HVI	Indeno(1,2,3-cd)pyrene	0.76	ug/L	0.079	10/03/18 16:36	
EPA 8270 by HVI	1-Methylnaphthalene	0.043	ug/L	0.027	10/03/18 16:36	
EPA 8270 by HVI	2-Methylnaphthalene	0.049	ug/L	0.022	10/03/18 16:36	
EPA 8270 by HVI	Naphthalene	0.13	ug/L	0.083	10/03/18 16:36	
EPA 8270 by HVI	Phenanthrene	1.6	ug/L	0.062	10/03/18 16:36	
EPA 8270 by HVI	Pyrene	2.7	ug/L	0.034	10/03/18 16:36	
EPA 8260	Benzene	0.66J	ug/L	1.0	10/02/18 14:24	
EPA 8260	Chloromethane	2.4J	ug/L	7.3	10/02/18 14:24	
EPA 8260	Toluene	0.34J	ug/L	5.0	10/02/18 14:24	
<b>40176742018</b>	<b>GP-9 (GW)</b>					
EPA 6010	Arsenic, Dissolved	13.4J	ug/L	25.0	10/12/18 12:23	
EPA 6010	Barium, Dissolved	327	ug/L	5.0	10/12/18 12:23	
EPA 8270 by HVI	Acenaphthene	0.022J	ug/L	0.061	10/03/18 19:03	
EPA 8270 by HVI	Acenaphthylene	0.035J	ug/L	0.050	10/03/18 19:03	
EPA 8270 by HVI	Anthracene	0.034J	ug/L	0.10	10/03/18 19:03	
EPA 8270 by HVI	Benzo(a)anthracene	0.24	ug/L	0.076	10/03/18 19:03	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40176742018</b>	<b>GP-9 (GW)</b>					
EPA 8270 by HVI	Benzo(a)pyrene	0.25	ug/L	0.11	10/03/18 19:03	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.37	ug/L	0.057	10/03/18 19:03	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.24	ug/L	0.068	10/03/18 19:03	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.18	ug/L	0.075	10/03/18 19:03	
EPA 8270 by HVI	Chrysene	0.34	ug/L	0.13	10/03/18 19:03	
EPA 8270 by HVI	Dibenz(a,h)anthracene	0.049J	ug/L	0.10	10/03/18 19:03	
EPA 8270 by HVI	Fluoranthene	0.48	ug/L	0.11	10/03/18 19:03	
EPA 8270 by HVI	Fluorene	0.027J	ug/L	0.080	10/03/18 19:03	
EPA 8270 by HVI	Indeno(1,2,3-cd)pyrene	0.20	ug/L	0.18	10/03/18 19:03	
EPA 8270 by HVI	1-Methylnaphthalene	0.017J	ug/L	0.059	10/03/18 19:03	
EPA 8270 by HVI	2-Methylnaphthalene	0.016J	ug/L	0.049	10/03/18 19:03	
EPA 8270 by HVI	Naphthalene	0.042J	ug/L	0.18	10/03/18 19:03	
EPA 8270 by HVI	Phenanthrene	0.20	ug/L	0.14	10/03/18 19:03	
EPA 8270 by HVI	Pyrene	0.51	ug/L	0.077	10/03/18 19:03	

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP1 (7.5-10)**      **Lab ID: 40176742001**      Collected: 09/26/18 09:25      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.7	mg/kg	5.4	1.1	1	10/03/18 07:57	10/10/18 18:47	7440-38-2	
Barium	52.3	mg/kg	0.54	0.16	1	10/03/18 07:57	10/10/18 18:47	7440-39-3	
Cadmium	0.20J	mg/kg	0.54	0.14	1	10/03/18 07:57	10/10/18 18:47	7440-43-9	
Chromium	10.8	mg/kg	1.1	0.30	1	10/03/18 07:57	10/10/18 18:47	7440-47-3	
Lead	21.3	mg/kg	2.1	0.64	1	10/03/18 07:57	10/10/18 18:47	7439-92-1	
Selenium	<1.4	mg/kg	4.7	1.4	1	10/03/18 07:57	10/10/18 18:47	7782-49-2	
Silver	<0.37	mg/kg	1.1	0.37	1	10/03/18 07:57	10/10/18 18:47	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.035	mg/kg	0.12	0.035	1	10/11/18 08:02	10/11/18 11:21	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<8.6	ug/kg	28.5	8.6	2	10/04/18 08:32	10/05/18 19:06	83-32-9	
Acenaphthylene	54.4	ug/kg	24.3	7.3	2	10/04/18 08:32	10/05/18 19:06	208-96-8	
Anthracene	73.3	ug/kg	42.0	12.6	2	10/04/18 08:32	10/05/18 19:06	120-12-7	
Benzo(a)anthracene	306	ug/kg	23.4	7.0	2	10/04/18 08:32	10/05/18 19:06	56-55-3	
Benzo(a)pyrene	348	ug/kg	18.5	5.6	2	10/04/18 08:32	10/05/18 19:06	50-32-8	
Benzo(b)fluoranthene	336	ug/kg	20.8	6.2	2	10/04/18 08:32	10/05/18 19:06	205-99-2	
Benzo(g,h,i)perylene	158	ug/kg	15.0	4.5	2	10/04/18 08:32	10/05/18 19:06	191-24-2	
Benzo(k)fluoranthene	384	ug/kg	18.5	5.5	2	10/04/18 08:32	10/05/18 19:06	207-08-9	
Chrysene	329	ug/kg	24.8	7.5	2	10/04/18 08:32	10/05/18 19:06	218-01-9	
Dibenz(a,h)anthracene	63.7	ug/kg	16.5	4.9	2	10/04/18 08:32	10/05/18 19:06	53-70-3	
Fluoranthene	517	ug/kg	38.5	11.5	2	10/04/18 08:32	10/05/18 19:06	206-44-0	
Fluorene	11.1J	ug/kg	30.5	9.2	2	10/04/18 08:32	10/05/18 19:06	86-73-7	
Indeno(1,2,3-cd)pyrene	149	ug/kg	16.2	4.9	2	10/04/18 08:32	10/05/18 19:06	193-39-5	
1-Methylnaphthalene	11.6J	ug/kg	29.6	8.9	2	10/04/18 08:32	10/05/18 19:06	90-12-0	
2-Methylnaphthalene	18.3J	ug/kg	36.9	11.1	2	10/04/18 08:32	10/05/18 19:06	91-57-6	
Naphthalene	18.8J	ug/kg	62.1	18.6	2	10/04/18 08:32	10/05/18 19:06	91-20-3	
Phenanthrene	171	ug/kg	85.8	25.8	2	10/04/18 08:32	10/05/18 19:06	85-01-8	
Pyrene	453	ug/kg	33.2	10	2	10/04/18 08:32	10/05/18 19:06	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	10-115		2	10/04/18 08:32	10/05/18 19:06	321-60-8	
Terphenyl-d14 (S)	48	%	10-121		2	10/04/18 08:32	10/05/18 19:06	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 11:31	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP1 (7.5-10)**      **Lab ID: 40176742001**      Collected: 09/26/18 09:25      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 11:31	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 11:31	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 11:31	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 11:31	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	1634-04-4	W
Methylene Chloride	52.0J	ug/kg	66.4	27.7	1	10/01/18 09:15	10/02/18 11:31	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 11:31	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 11:31	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP1 (7.5-10)      Lab ID: 40176742001      Collected: 09/26/18 09:25      Received: 09/28/18 08:40      Matrix: Solid**

**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:31	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	57-148		1	10/01/18 09:15	10/02/18 11:31	1868-53-7	
Toluene-d8 (S)	111	%	58-142		1	10/01/18 09:15	10/02/18 11:31	2037-26-5	
4-Bromofluorobenzene (S)	85	%	48-130		1	10/01/18 09:15	10/02/18 11:31	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>9.6</b>	%	0.10	0.10	1		10/03/18 10:49		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP1 (26-28)**      **Lab ID: 40176742002**      Collected: 09/26/18 09:30      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.4J	mg/kg	5.7	1.2	1	10/03/18 07:57	10/10/18 18:50	7440-38-2	
Barium	79.4	mg/kg	0.57	0.17	1	10/03/18 07:57	10/10/18 18:50	7440-39-3	
Cadmium	0.25J	mg/kg	0.57	0.15	1	10/03/18 07:57	10/10/18 18:50	7440-43-9	
Chromium	14.1	mg/kg	1.1	0.32	1	10/03/18 07:57	10/10/18 18:50	7440-47-3	
Lead	27.4	mg/kg	2.3	0.69	1	10/03/18 07:57	10/10/18 18:50	7439-92-1	
Selenium	<1.5	mg/kg	5.0	1.5	1	10/03/18 07:57	10/10/18 18:50	7782-49-2	
Silver	<0.39	mg/kg	1.1	0.39	1	10/03/18 07:57	10/10/18 18:50	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.041	mg/kg	0.14	0.041	1	10/11/18 08:02	10/11/18 11:24	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	31.5	ug/kg	15.4	4.6	1	10/04/18 08:32	10/05/18 15:36	83-32-9	
Acenaphthylene	14.8	ug/kg	13.1	3.9	1	10/04/18 08:32	10/05/18 15:36	208-96-8	
Anthracene	89.0	ug/kg	22.6	6.8	1	10/04/18 08:32	10/05/18 15:36	120-12-7	
Benzo(a)anthracene	104	ug/kg	12.6	3.8	1	10/04/18 08:32	10/05/18 15:36	56-55-3	
Benzo(a)pyrene	92.1	ug/kg	10	3.0	1	10/04/18 08:32	10/05/18 15:36	50-32-8	
Benzo(b)fluoranthene	75.9	ug/kg	11.2	3.4	1	10/04/18 08:32	10/05/18 15:36	205-99-2	
Benzo(g,h,i)perylene	105	ug/kg	8.1	2.4	1	10/04/18 08:32	10/05/18 15:36	191-24-2	
Benzo(k)fluoranthene	53.7	ug/kg	10	3.0	1	10/04/18 08:32	10/05/18 15:36	207-08-9	
Chrysene	152	ug/kg	13.3	4.0	1	10/04/18 08:32	10/05/18 15:36	218-01-9	
Dibenz(a,h)anthracene	<2.7	ug/kg	8.9	2.7	1	10/04/18 08:32	10/05/18 15:36	53-70-3	
Fluoranthene	142	ug/kg	20.7	6.2	1	10/04/18 08:32	10/05/18 15:36	206-44-0	
Fluorene	53.5	ug/kg	16.4	4.9	1	10/04/18 08:32	10/05/18 15:36	86-73-7	
Indeno(1,2,3-cd)pyrene	7.5J	ug/kg	8.7	2.6	1	10/04/18 08:32	10/05/18 15:36	193-39-5	
1-Methylnaphthalene	321	ug/kg	16.0	4.8	1	10/04/18 08:32	10/05/18 15:36	90-12-0	
2-Methylnaphthalene	450	ug/kg	19.9	6.0	1	10/04/18 08:32	10/05/18 15:36	91-57-6	
Naphthalene	256	ug/kg	33.5	10.0	1	10/04/18 08:32	10/05/18 15:36	91-20-3	
Phenanthrene	484	ug/kg	46.2	13.9	1	10/04/18 08:32	10/05/18 15:36	85-01-8	
Pyrene	167	ug/kg	17.9	5.4	1	10/04/18 08:32	10/05/18 15:36	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	10-115		1	10/04/18 08:32	10/05/18 15:36	321-60-8	
Terphenyl-d14 (S)	48	%	10-121		1	10/04/18 08:32	10/05/18 15:36	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 11:54	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP1 (26-28)**      **Lab ID: 40176742002**      Collected: 09/26/18 09:30      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 11:54	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 11:54	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 11:54	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 11:54	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	1634-04-4	W
Methylene Chloride	63.8J	ug/kg	71.5	29.8	1	10/01/18 09:15	10/02/18 11:54	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 11:54	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 11:54	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP1 (26-28)**      **Lab ID: 40176742002**      Collected: 09/26/18 09:30      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 11:54	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	116	%	57-148		1	10/01/18 09:15	10/02/18 11:54	1868-53-7	
Toluene-d8 (S)	112	%	58-142		1	10/01/18 09:15	10/02/18 11:54	2037-26-5	
4-Bromofluorobenzene (S)	85	%	48-130		1	10/01/18 09:15	10/02/18 11:54	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	16.1	%	0.10	0.10	1		10/03/18 10:49		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Sample: GP2 (12.5-15) Lab ID: 40176742003 Collected: 09/26/18 11:40 Received: 09/28/18 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4.7J	mg/kg	5.0	1.0	1	10/03/18 07:57	10/10/18 18:52	7440-38-2	
Barium	105	mg/kg	0.50	0.15	1	10/03/18 07:57	10/10/18 18:52	7440-39-3	
Cadmium	<0.13	mg/kg	0.50	0.13	1	10/03/18 07:57	10/10/18 18:52	7440-43-9	
Chromium	16.9	mg/kg	1.0	0.28	1	10/03/18 07:57	10/10/18 18:52	7440-47-3	
Lead	26.3	mg/kg	2.0	0.60	1	10/03/18 07:57	10/10/18 18:52	7439-92-1	
Selenium	<1.3	mg/kg	4.3	1.3	1	10/03/18 07:57	10/10/18 18:52	7782-49-2	
Silver	0.47J	mg/kg	1.0	0.34	1	10/03/18 07:57	10/10/18 18:52	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.047J	mg/kg	0.12	0.037	1	10/11/18 08:02	10/11/18 11:26	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	49.7J	ug/kg	55.7	16.8	4	10/04/18 08:32	10/05/18 19:24	83-32-9	
Acenaphthylene	<14.2	ug/kg	47.5	14.2	4	10/04/18 08:32	10/05/18 19:24	208-96-8	
Anthracene	129	ug/kg	82.1	24.7	4	10/04/18 08:32	10/05/18 19:24	120-12-7	
Benzo(a)anthracene	407	ug/kg	45.8	13.7	4	10/04/18 08:32	10/05/18 19:24	56-55-3	
Benzo(a)pyrene	372	ug/kg	36.2	10.9	4	10/04/18 08:32	10/05/18 19:24	50-32-8	
Benzo(b)fluoranthene	200	ug/kg	40.7	12.2	4	10/04/18 08:32	10/05/18 19:24	205-99-2	
Benzo(g,h,i)perylene	192	ug/kg	29.2	8.8	4	10/04/18 08:32	10/05/18 19:24	191-24-2	
Benzo(k)fluoranthene	82.4	ug/kg	36.1	10.8	4	10/04/18 08:32	10/05/18 19:24	207-08-9	
Chrysene	622	ug/kg	48.4	14.6	4	10/04/18 08:32	10/05/18 19:24	218-01-9	
Dibenz(a,h)anthracene	51.8	ug/kg	32.2	9.7	4	10/04/18 08:32	10/05/18 19:24	53-70-3	
Fluoranthene	401	ug/kg	75.2	22.5	4	10/04/18 08:32	10/05/18 19:24	206-44-0	
Fluorene	72.7	ug/kg	59.6	17.9	4	10/04/18 08:32	10/05/18 19:24	86-73-7	
Indeno(1,2,3-cd)pyrene	<9.5	ug/kg	31.7	9.5	4	10/04/18 08:32	10/05/18 19:24	193-39-5	
1-Methylnaphthalene	78.1	ug/kg	57.9	17.4	4	10/04/18 08:32	10/05/18 19:24	90-12-0	
2-Methylnaphthalene	56.0J	ug/kg	72.1	21.6	4	10/04/18 08:32	10/05/18 19:24	91-57-6	
Naphthalene	<36.4	ug/kg	121	36.4	4	10/04/18 08:32	10/05/18 19:24	91-20-3	
Phenanthrene	612	ug/kg	168	50.3	4	10/04/18 08:32	10/05/18 19:24	85-01-8	
Pyrene	2150	ug/kg	64.8	19.5	4	10/04/18 08:32	10/05/18 19:24	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	46	%	10-115		4	10/04/18 08:32	10/05/18 19:24	321-60-8	
Terphenyl-d14 (S)	43	%	10-121		4	10/04/18 08:32	10/05/18 19:24	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 12:17	120-82-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP2 (12.5-15)**      **Lab ID: 40176742003**      Collected: 09/26/18 11:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 12:17	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 12:17	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 12:17	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 12:17	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	1634-04-4	W
Methylene Chloride	58.1J	ug/kg	64.8	27.0	1	10/01/18 09:15	10/02/18 12:17	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 12:17	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 12:17	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	103-65-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP2 (12.5-15)**      **Lab ID: 40176742003**      Collected: 09/26/18 11:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:17	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	57-148		1	10/01/18 09:15	10/02/18 12:17	1868-53-7	
Toluene-d8 (S)	102	%	58-142		1	10/01/18 09:15	10/02/18 12:17	2037-26-5	
4-Bromofluorobenzene (S)	77	%	48-130		1	10/01/18 09:15	10/02/18 12:17	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	7.4	%	0.10	0.10	1		10/03/18 10:49		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Sample: GP2 (22.5-25) Lab ID: 40176742004 Collected: 09/26/18 11:45 Received: 09/28/18 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.0J	mg/kg	5.3	1.1	1	10/03/18 07:57	10/10/18 18:54	7440-38-2	
Barium	50.5	mg/kg	0.53	0.16	1	10/03/18 07:57	10/10/18 18:54	7440-39-3	
Cadmium	<0.14	mg/kg	0.53	0.14	1	10/03/18 07:57	10/10/18 18:54	7440-43-9	
Chromium	13.4	mg/kg	1.1	0.30	1	10/03/18 07:57	10/10/18 18:54	7440-47-3	
Lead	10.2	mg/kg	2.1	0.64	1	10/03/18 07:57	10/10/18 18:54	7439-92-1	
Selenium	<1.4	mg/kg	4.7	1.4	1	10/03/18 07:57	10/10/18 18:54	7782-49-2	
Silver	<0.37	mg/kg	1.1	0.37	1	10/03/18 07:57	10/10/18 18:54	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.048J	mg/kg	0.12	0.037	1	10/11/18 08:02	10/11/18 11:28	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	4.4J	ug/kg	14.0	4.2	1	10/04/18 08:32	10/05/18 15:54	83-32-9	
Acenaphthylene	17.5	ug/kg	12.0	3.6	1	10/04/18 08:32	10/05/18 15:54	208-96-8	
Anthracene	30.9	ug/kg	20.7	6.2	1	10/04/18 08:32	10/05/18 15:54	120-12-7	
Benzo(a)anthracene	109	ug/kg	11.5	3.4	1	10/04/18 08:32	10/05/18 15:54	56-55-3	
Benzo(a)pyrene	152	ug/kg	9.1	2.7	1	10/04/18 08:32	10/05/18 15:54	50-32-8	
Benzo(b)fluoranthene	148	ug/kg	10.2	3.1	1	10/04/18 08:32	10/05/18 15:54	205-99-2	
Benzo(g,h,i)perylene	<2.2	ug/kg	7.4	2.2	1	10/04/18 08:32	10/05/18 15:54	191-24-2	
Benzo(k)fluoranthene	143	ug/kg	9.1	2.7	1	10/04/18 08:32	10/05/18 15:54	207-08-9	
Chrysene	157	ug/kg	12.2	3.7	1	10/04/18 08:32	10/05/18 15:54	218-01-9	
Dibenz(a,h)anthracene	<2.4	ug/kg	8.1	2.4	1	10/04/18 08:32	10/05/18 15:54	53-70-3	
Fluoranthene	208	ug/kg	18.9	5.7	1	10/04/18 08:32	10/05/18 15:54	206-44-0	
Fluorene	7.7J	ug/kg	15.0	4.5	1	10/04/18 08:32	10/05/18 15:54	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.4	ug/kg	8.0	2.4	1	10/04/18 08:32	10/05/18 15:54	193-39-5	
1-Methylnaphthalene	8.9J	ug/kg	14.6	4.4	1	10/04/18 08:32	10/05/18 15:54	90-12-0	
2-Methylnaphthalene	9.8J	ug/kg	18.2	5.4	1	10/04/18 08:32	10/05/18 15:54	91-57-6	
Naphthalene	9.8J	ug/kg	30.6	9.2	1	10/04/18 08:32	10/05/18 15:54	91-20-3	
Phenanthrene	78.2	ug/kg	42.2	12.7	1	10/04/18 08:32	10/05/18 15:54	85-01-8	
Pyrene	172	ug/kg	16.3	4.9	1	10/04/18 08:32	10/05/18 15:54	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	10-115		1	10/04/18 08:32	10/05/18 15:54	321-60-8	
Terphenyl-d14 (S)	50	%	10-121		1	10/04/18 08:32	10/05/18 15:54	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 12:40	120-82-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Sample: GP2 (22.5-25) Lab ID: 40176742004 Collected: 09/26/18 11:45 Received: 09/28/18 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 12:40	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 12:40	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 12:40	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 12:40	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	1634-04-4	W
Methylene Chloride	71.4	ug/kg	65.3	27.2	1	10/01/18 09:15	10/02/18 12:40	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 12:40	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 12:40	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP2 (22.5-25)**      **Lab ID: 40176742004**      Collected: 09/26/18 11:45      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 12:40	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	57-148		1	10/01/18 09:15	10/02/18 12:40	1868-53-7	
Toluene-d8 (S)	101	%	58-142		1	10/01/18 09:15	10/02/18 12:40	2037-26-5	
4-Bromofluorobenzene (S)	77	%	48-130		1	10/01/18 09:15	10/02/18 12:40	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	8.1	%	0.10	0.10	1		10/03/18 10:49		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP3 (5-7.5)**      **Lab ID: 40176742005**      Collected: 09/26/18 13:30      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>4.4J</b>	mg/kg	5.4	1.1	1	10/03/18 07:57	10/10/18 18:57	7440-38-2	
Barium	<b>72.7</b>	mg/kg	0.54	0.16	1	10/03/18 07:57	10/10/18 18:57	7440-39-3	
Cadmium	<b>&lt;0.14</b>	mg/kg	0.54	0.14	1	10/03/18 07:57	10/10/18 18:57	7440-43-9	
Chromium	<b>19.1</b>	mg/kg	1.1	0.30	1	10/03/18 07:57	10/10/18 18:57	7440-47-3	
Lead	<b>84.8</b>	mg/kg	2.2	0.65	1	10/03/18 07:57	10/10/18 18:57	7439-92-1	
Selenium	<b>&lt;1.4</b>	mg/kg	4.7	1.4	1	10/03/18 07:57	10/10/18 18:57	7782-49-2	
Silver	<b>0.45J</b>	mg/kg	1.1	0.37	1	10/03/18 07:57	10/10/18 18:57	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>&lt;0.037</b>	mg/kg	0.12	0.037	1	10/11/18 08:02	10/11/18 11:35	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>8.9J</b>	ug/kg	15.5	4.7	1	10/04/18 08:32	10/05/18 16:11	83-32-9	
Acenaphthylene	<b>5.2J</b>	ug/kg	13.3	4.0	1	10/04/18 08:32	10/05/18 16:11	208-96-8	
Anthracene	<b>25.8</b>	ug/kg	22.9	6.9	1	10/04/18 08:32	10/05/18 16:11	120-12-7	
Benzo(a)anthracene	<b>97.5</b>	ug/kg	12.8	3.8	1	10/04/18 08:32	10/05/18 16:11	56-55-3	
Benzo(a)pyrene	<b>125</b>	ug/kg	10.1	3.0	1	10/04/18 08:32	10/05/18 16:11	50-32-8	
Benzo(b)fluoranthene	<b>148</b>	ug/kg	11.3	3.4	1	10/04/18 08:32	10/05/18 16:11	205-99-2	
Benzo(g,h,i)perylene	<b>85.7</b>	ug/kg	8.2	2.4	1	10/04/18 08:32	10/05/18 16:11	191-24-2	
Benzo(k)fluoranthene	<b>125</b>	ug/kg	10.1	3.0	1	10/04/18 08:32	10/05/18 16:11	207-08-9	
Chrysene	<b>131</b>	ug/kg	13.5	4.1	1	10/04/18 08:32	10/05/18 16:11	218-01-9	
Dibenz(a,h)anthracene	<b>26.8</b>	ug/kg	9.0	2.7	1	10/04/18 08:32	10/05/18 16:11	53-70-3	
Fluoranthene	<b>243</b>	ug/kg	21.0	6.3	1	10/04/18 08:32	10/05/18 16:11	206-44-0	
Fluorene	<b>9.9J</b>	ug/kg	16.6	5.0	1	10/04/18 08:32	10/05/18 16:11	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>3.9J</b>	ug/kg	8.8	2.6	1	10/04/18 08:32	10/05/18 16:11	193-39-5	
1-Methylnaphthalene	<b>5.3J</b>	ug/kg	16.1	4.8	1	10/04/18 08:32	10/05/18 16:11	90-12-0	
2-Methylnaphthalene	<b>9.2J</b>	ug/kg	20.1	6.0	1	10/04/18 08:32	10/05/18 16:11	91-57-6	
Naphthalene	<b>29.9J</b>	ug/kg	33.9	10.1	1	10/04/18 08:32	10/05/18 16:11	91-20-3	
Phenanthrene	<b>117</b>	ug/kg	46.8	14.0	1	10/04/18 08:32	10/05/18 16:11	85-01-8	
Pyrene	<b>180</b>	ug/kg	18.1	5.4	1	10/04/18 08:32	10/05/18 16:11	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	10-115		1	10/04/18 08:32	10/05/18 16:11	321-60-8	
Terphenyl-d14 (S)	50	%	10-121		1	10/04/18 08:32	10/05/18 16:11	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 13:04	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP3 (5-7.5)**      **Lab ID: 40176742005**      Collected: 09/26/18 13:30      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 13:04	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 13:04	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 13:04	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 13:04	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	1634-04-4	W
Methylene Chloride	48.5J	ug/kg	72.2	30.1	1	10/01/18 09:15	10/02/18 13:04	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 13:04	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 13:04	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP3 (5-7.5)**      **Lab ID: 40176742005**      Collected: 09/26/18 13:30      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:04	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	121	%	57-148		1	10/01/18 09:15	10/02/18 13:04	1868-53-7	
Toluene-d8 (S)	120	%	58-142		1	10/01/18 09:15	10/02/18 13:04	2037-26-5	
4-Bromofluorobenzene (S)	90	%	48-130		1	10/01/18 09:15	10/02/18 13:04	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>16.9</b>	%	0.10	0.10	1		10/03/18 10:49		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP4 (2.5-5)**      **Lab ID: 40176742006**      Collected: 09/26/18 14:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	52.9	mg/kg	5.0	1.0	1	10/03/18 07:57	10/10/18 18:59	7440-38-2	
Barium	81.3	mg/kg	0.50	0.15	1	10/03/18 07:57	10/10/18 18:59	7440-39-3	
Cadmium	0.38J	mg/kg	0.50	0.13	1	10/03/18 07:57	10/10/18 18:59	7440-43-9	
Chromium	16.3	mg/kg	1.0	0.28	1	10/03/18 07:57	10/10/18 18:59	7440-47-3	
Lead	30.3	mg/kg	2.0	0.60	1	10/03/18 07:57	10/10/18 18:59	7439-92-1	
Selenium	<1.3	mg/kg	4.4	1.3	1	10/03/18 07:57	10/10/18 18:59	7782-49-2	
Silver	0.40J	mg/kg	1.0	0.34	1	10/03/18 07:57	10/10/18 18:59	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.035	mg/kg	0.12	0.035	1	10/11/18 08:02	10/11/18 11:38	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	5.5J	ug/kg	13.9	4.2	1	10/04/18 08:32	10/05/18 16:28	83-32-9	
Acenaphthylene	12.7	ug/kg	11.8	3.6	1	10/04/18 08:32	10/05/18 16:28	208-96-8	
Anthracene	42.6	ug/kg	20.5	6.2	1	10/04/18 08:32	10/05/18 16:28	120-12-7	
Benzo(a)anthracene	142	ug/kg	11.4	3.4	1	10/04/18 08:32	10/05/18 16:28	56-55-3	
Benzo(a)pyrene	153	ug/kg	9.0	2.7	1	10/04/18 08:32	10/05/18 16:28	50-32-8	
Benzo(b)fluoranthene	133	ug/kg	10.1	3.0	1	10/04/18 08:32	10/05/18 16:28	205-99-2	
Benzo(g,h,i)perylene	68.7	ug/kg	7.3	2.2	1	10/04/18 08:32	10/05/18 16:28	191-24-2	
Benzo(k)fluoranthene	150	ug/kg	9.0	2.7	1	10/04/18 08:32	10/05/18 16:28	207-08-9	
Chrysene	148	ug/kg	12.1	3.6	1	10/04/18 08:32	10/05/18 16:28	218-01-9	
Dibenz(a,h)anthracene	25.7	ug/kg	8.0	2.4	1	10/04/18 08:32	10/05/18 16:28	53-70-3	
Fluoranthene	296	ug/kg	18.7	5.6	1	10/04/18 08:32	10/05/18 16:28	206-44-0	
Fluorene	6.7J	ug/kg	14.9	4.5	1	10/04/18 08:32	10/05/18 16:28	86-73-7	
Indeno(1,2,3-cd)pyrene	3.6J	ug/kg	7.9	2.4	1	10/04/18 08:32	10/05/18 16:28	193-39-5	
1-Methylnaphthalene	<4.3	ug/kg	14.4	4.3	1	10/04/18 08:32	10/05/18 16:28	90-12-0	
2-Methylnaphthalene	<5.4	ug/kg	18.0	5.4	1	10/04/18 08:32	10/05/18 16:28	91-57-6	
Naphthalene	<9.1	ug/kg	30.3	9.1	1	10/04/18 08:32	10/05/18 16:28	91-20-3	
Phenanthrene	105	ug/kg	41.8	12.5	1	10/04/18 08:32	10/05/18 16:28	85-01-8	
Pyrene	237	ug/kg	16.2	4.9	1	10/04/18 08:32	10/05/18 16:28	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	10-115		1	10/04/18 08:32	10/05/18 16:28	321-60-8	
Terphenyl-d14 (S)	59	%	10-121		1	10/04/18 08:32	10/05/18 16:28	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 19:44	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP4 (2.5-5)**      **Lab ID: 40176742006**      Collected: 09/26/18 14:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 19:44	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	106-93-4	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 19:44	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 19:44	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 19:44	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	1634-04-4	W
Methylene Chloride	60.6J	ug/kg	64.6	26.9	1	10/01/18 09:15	10/02/18 19:44	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 19:44	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 19:44	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP4 (2.5-5)**      **Lab ID: 40176742006**      Collected: 09/26/18 14:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:44	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	94	%	57-148		1	10/01/18 09:15	10/02/18 19:44	1868-53-7	
Toluene-d8 (S)	90	%	58-142		1	10/01/18 09:15	10/02/18 19:44	2037-26-5	
4-Bromofluorobenzene (S)	68	%	48-130		1	10/01/18 09:15	10/02/18 19:44	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	7.1	%	0.10	0.10	1		10/03/18 10:49		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP4 (7.5-10)**      **Lab ID: 40176742007**      Collected: 09/26/18 14:45      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>2.8J</b>	mg/kg	6.0	1.3	1	10/03/18 07:57	10/10/18 19:01	7440-38-2	
Barium	<b>30.8</b>	mg/kg	0.60	0.18	1	10/03/18 07:57	10/10/18 19:01	7440-39-3	
Cadmium	<b>&lt;0.16</b>	mg/kg	0.60	0.16	1	10/03/18 07:57	10/10/18 19:01	7440-43-9	
Chromium	<b>6.3</b>	mg/kg	1.2	0.33	1	10/03/18 07:57	10/10/18 19:01	7440-47-3	
Lead	<b>14.9</b>	mg/kg	2.4	0.72	1	10/03/18 07:57	10/10/18 19:01	7439-92-1	
Selenium	<b>&lt;1.6</b>	mg/kg	5.2	1.6	1	10/03/18 07:57	10/10/18 19:01	7782-49-2	
Silver	<b>&lt;0.41</b>	mg/kg	1.2	0.41	1	10/03/18 07:57	10/10/18 19:01	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>0.075J</b>	mg/kg	0.14	0.043	1	10/11/18 08:02	10/11/18 11:40	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;5.1</b>	ug/kg	16.8	5.1	1	10/04/18 08:32	10/05/18 16:46	83-32-9	
Acenaphthylene	<b>&lt;4.3</b>	ug/kg	14.3	4.3	1	10/04/18 08:32	10/05/18 16:46	208-96-8	
Anthracene	<b>&lt;7.4</b>	ug/kg	24.8	7.4	1	10/04/18 08:32	10/05/18 16:46	120-12-7	
Benzo(a)anthracene	<b>19.1</b>	ug/kg	13.8	4.1	1	10/04/18 08:32	10/05/18 16:46	56-55-3	
Benzo(a)pyrene	<b>22.1</b>	ug/kg	10.9	3.3	1	10/04/18 08:32	10/05/18 16:46	50-32-8	
Benzo(b)fluoranthene	<b>19.5</b>	ug/kg	12.3	3.7	1	10/04/18 08:32	10/05/18 16:46	205-99-2	
Benzo(g,h,i)perylene	<b>13.1</b>	ug/kg	8.8	2.6	1	10/04/18 08:32	10/05/18 16:46	191-24-2	
Benzo(k)fluoranthene	<b>23.6</b>	ug/kg	10.9	3.3	1	10/04/18 08:32	10/05/18 16:46	207-08-9	
Chrysene	<b>21.5</b>	ug/kg	14.6	4.4	1	10/04/18 08:32	10/05/18 16:46	218-01-9	
Dibenz(a,h)anthracene	<b>4.3J</b>	ug/kg	9.7	2.9	1	10/04/18 08:32	10/05/18 16:46	53-70-3	
Fluoranthene	<b>41.9</b>	ug/kg	22.7	6.8	1	10/04/18 08:32	10/05/18 16:46	206-44-0	
Fluorene	<b>&lt;5.4</b>	ug/kg	18.0	5.4	1	10/04/18 08:32	10/05/18 16:46	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.9</b>	ug/kg	9.6	2.9	1	10/04/18 08:32	10/05/18 16:46	193-39-5	
1-Methylnaphthalene	<b>&lt;5.2</b>	ug/kg	17.5	5.2	1	10/04/18 08:32	10/05/18 16:46	90-12-0	
2-Methylnaphthalene	<b>&lt;6.5</b>	ug/kg	21.8	6.5	1	10/04/18 08:32	10/05/18 16:46	91-57-6	
Naphthalene	<b>&lt;11.0</b>	ug/kg	36.6	11.0	1	10/04/18 08:32	10/05/18 16:46	91-20-3	
Phenanthrene	<b>16.0J</b>	ug/kg	50.6	15.2	1	10/04/18 08:32	10/05/18 16:46	85-01-8	
Pyrene	<b>30.9</b>	ug/kg	19.6	5.9	1	10/04/18 08:32	10/05/18 16:46	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	54	%	10-115		1	10/04/18 08:32	10/05/18 16:46	321-60-8	
Terphenyl-d14 (S)	41	%	10-121		1	10/04/18 08:32	10/05/18 16:46	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 13:50	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP4 (7.5-10)**      **Lab ID: 40176742007**      Collected: 09/26/18 14:45      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 13:50	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 13:50	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 13:50	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 13:50	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	1634-04-4	W
Methylene Chloride	71.4J	ug/kg	78.2	32.6	1	10/01/18 09:15	10/02/18 13:50	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 13:50	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 13:50	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	103-65-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP4 (7.5-10)**      **Lab ID: 40176742007**      Collected: 09/26/18 14:45      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 13:50	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	116	%	57-148		1	10/01/18 09:15	10/02/18 13:50	1868-53-7	
Toluene-d8 (S)	109	%	58-142		1	10/01/18 09:15	10/02/18 13:50	2037-26-5	
4-Bromofluorobenzene (S)	90	%	48-130		1	10/01/18 09:15	10/02/18 13:50	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>23.3</b>	%	0.10	0.10	1		10/03/18 10:49		

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

**Sample: GP5 (7.5-10)**      **Lab ID: 40176742008**      Collected: 09/26/18 15:45      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>2.2J</b>	mg/kg	5.5	1.2	1	10/10/18 07:24	10/11/18 22:05	7440-38-2	
Barium	<b>29.4</b>	mg/kg	0.55	0.17	1	10/10/18 07:24	10/11/18 22:05	7440-39-3	
Cadmium	<b>&lt;0.15</b>	mg/kg	0.55	0.15	1	10/10/18 07:24	10/11/18 22:05	7440-43-9	
Chromium	<b>7.1</b>	mg/kg	1.1	0.31	1	10/10/18 07:24	10/11/18 22:05	7440-47-3	
Lead	<b>9.8</b>	mg/kg	2.2	0.66	1	10/10/18 07:24	10/11/18 22:05	7439-92-1	
Selenium	<b>&lt;1.5</b>	mg/kg	4.8	1.5	1	10/10/18 07:24	10/11/18 22:05	7782-49-2	
Silver	<b>&lt;0.38</b>	mg/kg	1.1	0.38	1	10/10/18 07:24	10/11/18 22:05	7440-22-4	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<b>&lt;0.037</b>	mg/kg	0.12	0.037	1	10/11/18 08:02	10/11/18 11:42	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.3</b>	ug/kg	14.4	4.3	1	10/04/18 08:32	10/05/18 11:32	83-32-9	
Acenaphthylene	<b>&lt;3.7</b>	ug/kg	12.3	3.7	1	10/04/18 08:32	10/05/18 11:32	208-96-8	
Anthracene	<b>&lt;6.4</b>	ug/kg	21.2	6.4	1	10/04/18 08:32	10/05/18 11:32	120-12-7	
Benzo(a)anthracene	<b>21.1</b>	ug/kg	11.8	3.5	1	10/04/18 08:32	10/05/18 11:32	56-55-3	
Benzo(a)pyrene	<b>19.7</b>	ug/kg	9.3	2.8	1	10/04/18 08:32	10/05/18 11:32	50-32-8	
Benzo(b)fluoranthene	<b>22.6</b>	ug/kg	10.5	3.1	1	10/04/18 08:32	10/05/18 11:32	205-99-2	
Benzo(g,h,i)perylene	<b>&lt;2.3</b>	ug/kg	7.5	2.3	1	10/04/18 08:32	10/05/18 11:32	191-24-2	
Benzo(k)fluoranthene	<b>16.1</b>	ug/kg	9.3	2.8	1	10/04/18 08:32	10/05/18 11:32	207-08-9	
Chrysene	<b>26.5</b>	ug/kg	12.5	3.8	1	10/04/18 08:32	10/05/18 11:32	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.5</b>	ug/kg	8.3	2.5	1	10/04/18 08:32	10/05/18 11:32	53-70-3	
Fluoranthene	<b>50.3</b>	ug/kg	19.4	5.8	1	10/04/18 08:32	10/05/18 11:32	206-44-0	
Fluorene	<b>&lt;4.6</b>	ug/kg	15.4	4.6	1	10/04/18 08:32	10/05/18 11:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.5</b>	ug/kg	8.2	2.5	1	10/04/18 08:32	10/05/18 11:32	193-39-5	
1-Methylnaphthalene	<b>&lt;4.5</b>	ug/kg	14.9	4.5	1	10/04/18 08:32	10/05/18 11:32	90-12-0	
2-Methylnaphthalene	<b>&lt;5.6</b>	ug/kg	18.6	5.6	1	10/04/18 08:32	10/05/18 11:32	91-57-6	
Naphthalene	<b>&lt;9.4</b>	ug/kg	31.3	9.4	1	10/04/18 08:32	10/05/18 11:32	91-20-3	
Phenanthrene	<b>28.6J</b>	ug/kg	43.2	13.0	1	10/04/18 08:32	10/05/18 11:32	85-01-8	
Pyrene	<b>37.4</b>	ug/kg	16.7	5.0	1	10/04/18 08:32	10/05/18 11:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	64	%	10-115		1	10/04/18 08:32	10/05/18 11:32	321-60-8	
Terphenyl-d14 (S)	49	%	10-121		1	10/04/18 08:32	10/05/18 11:32	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 21:16	120-82-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP5 (7.5-10)**      **Lab ID: 40176742008**      Collected: 09/26/18 15:45      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 21:16	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 21:16	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 21:16	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 21:16	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	1634-04-4	W
Methylene Chloride	73.2	ug/kg	66.8	27.8	1	10/01/18 09:15	10/02/18 21:16	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 21:16	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 21:16	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	103-65-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP5 (7.5-10)**      **Lab ID: 40176742008**      Collected: 09/26/18 15:45      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:16	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	57-148		1	10/01/18 09:15	10/02/18 21:16	1868-53-7	
Toluene-d8 (S)	105	%	58-142		1	10/01/18 09:15	10/02/18 21:16	2037-26-5	
4-Bromofluorobenzene (S)	76	%	48-130		1	10/01/18 09:15	10/02/18 21:16	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>10.1</b>	%	0.10	0.10	1		10/03/18 11:12		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP5 (17.5-20)**      **Lab ID: 40176742009**      Collected: 09/26/18 15:50      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>4.6J</b>	mg/kg	5.1	1.1	1	10/10/18 07:24	10/11/18 21:53	7440-38-2	
Barium	<b>157</b>	mg/kg	0.51	0.15	1	10/10/18 07:24	10/11/18 21:53	7440-39-3	M0
Cadmium	<b>&lt;0.14</b>	mg/kg	0.51	0.14	1	10/10/18 07:24	10/11/18 21:53	7440-43-9	
Chromium	<b>24.7</b>	mg/kg	1.0	0.28	1	10/10/18 07:24	10/11/18 21:53	7440-47-3	
Lead	<b>9.4</b>	mg/kg	2.0	0.61	1	10/10/18 07:24	10/11/18 21:53	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	4.4	1.3	1	10/10/18 07:24	10/11/18 21:53	7782-49-2	
Silver	<b>&lt;0.35</b>	mg/kg	1.0	0.35	1	10/10/18 07:24	10/11/18 21:53	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>0.040J</b>	mg/kg	0.11	0.032	1	10/11/18 08:02	10/11/18 11:44	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>30.8J</b>	ug/kg	65.6	19.7	5	10/04/18 08:32	10/05/18 19:41	83-32-9	
Acenaphthylene	<b>202</b>	ug/kg	56.0	16.8	5	10/04/18 08:32	10/05/18 19:41	208-96-8	
Anthracene	<b>301</b>	ug/kg	96.7	29.1	5	10/04/18 08:32	10/05/18 19:41	120-12-7	
Benzo(a)anthracene	<b>651</b>	ug/kg	53.9	16.1	5	10/04/18 08:32	10/05/18 19:41	56-55-3	
Benzo(a)pyrene	<b>769</b>	ug/kg	42.6	12.8	5	10/04/18 08:32	10/05/18 19:41	50-32-8	
Benzo(b)fluoranthene	<b>682</b>	ug/kg	47.9	14.4	5	10/04/18 08:32	10/05/18 19:41	205-99-2	
Benzo(g,h,i)perylene	<b>330</b>	ug/kg	34.5	10.3	5	10/04/18 08:32	10/05/18 19:41	191-24-2	
Benzo(k)fluoranthene	<b>717</b>	ug/kg	42.5	12.8	5	10/04/18 08:32	10/05/18 19:41	207-08-9	
Chrysene	<b>654</b>	ug/kg	57.0	17.2	5	10/04/18 08:32	10/05/18 19:41	218-01-9	
Dibenz(a,h)anthracene	<b>126</b>	ug/kg	37.9	11.4	5	10/04/18 08:32	10/05/18 19:41	53-70-3	
Fluoranthene	<b>1210</b>	ug/kg	88.5	26.5	5	10/04/18 08:32	10/05/18 19:41	206-44-0	
Fluorene	<b>72.7</b>	ug/kg	70.2	21.1	5	10/04/18 08:32	10/05/18 19:41	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>313</b>	ug/kg	37.3	11.2	5	10/04/18 08:32	10/05/18 19:41	193-39-5	
1-Methylnaphthalene	<b>&lt;20.5</b>	ug/kg	68.2	20.5	5	10/04/18 08:32	10/05/18 19:41	90-12-0	
2-Methylnaphthalene	<b>&lt;25.5</b>	ug/kg	85.0	25.5	5	10/04/18 08:32	10/05/18 19:41	91-57-6	
Naphthalene	<b>49.7J</b>	ug/kg	143	42.9	5	10/04/18 08:32	10/05/18 19:41	91-20-3	
Phenanthrene	<b>430</b>	ug/kg	197	59.3	5	10/04/18 08:32	10/05/18 19:41	85-01-8	
Pyrene	<b>1020</b>	ug/kg	76.3	23.0	5	10/04/18 08:32	10/05/18 19:41	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	41	%	10-115		5	10/04/18 08:32	10/05/18 19:41	321-60-8	
Terphenyl-d14 (S)	40	%	10-121		5	10/04/18 08:32	10/05/18 19:41	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 21:40	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP5 (17.5-20)**      **Lab ID: 40176742009**      Collected: 09/26/18 15:50      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 21:40	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	106-93-4	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 21:40	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 21:40	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 21:40	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	1634-04-4	W
Methylene Chloride	59.6J	ug/kg	61.0	25.4	1	10/01/18 09:15	10/02/18 21:40	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 21:40	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 21:40	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP5 (17.5-20)**      **Lab ID: 40176742009**      Collected: 09/26/18 15:50      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 21:40	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	100	%	57-148		1	10/01/18 09:15	10/02/18 21:40	1868-53-7	
Toluene-d8 (S)	99	%	58-142		1	10/01/18 09:15	10/02/18 21:40	2037-26-5	
4-Bromofluorobenzene (S)	72	%	48-130		1	10/01/18 09:15	10/02/18 21:40	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	1.7	%	0.10	0.10	1		10/03/18 11:12		

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP6 (10-12.5)**      **Lab ID: 40176742010**      Collected: 09/26/18 16:50      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>6.0</b>	mg/kg	5.3	1.1	1	10/10/18 07:24	10/11/18 22:07	7440-38-2	
Barium	<b>70.5</b>	mg/kg	0.53	0.16	1	10/10/18 07:24	10/11/18 22:07	7440-39-3	
Cadmium	<b>&lt;0.14</b>	mg/kg	0.53	0.14	1	10/10/18 07:24	10/11/18 22:07	7440-43-9	
Chromium	<b>15.9</b>	mg/kg	1.1	0.30	1	10/10/18 07:24	10/11/18 22:07	7440-47-3	
Lead	<b>11.3</b>	mg/kg	2.1	0.64	1	10/10/18 07:24	10/11/18 22:07	7439-92-1	
Selenium	<b>&lt;1.4</b>	mg/kg	4.7	1.4	1	10/10/18 07:24	10/11/18 22:07	7782-49-2	
Silver	<b>&lt;0.37</b>	mg/kg	1.1	0.37	1	10/10/18 07:24	10/11/18 22:07	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>&lt;0.036</b>	mg/kg	0.12	0.036	1	10/11/18 08:02	10/11/18 11:47	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;42.4</b>	ug/kg	141	42.4	10	10/04/18 09:35	10/05/18 15:19	83-32-9	
Acenaphthylene	<b>127</b>	ug/kg	120	36.0	10	10/04/18 09:35	10/05/18 15:19	208-96-8	
Anthracene	<b>391</b>	ug/kg	208	62.4	10	10/04/18 09:35	10/05/18 15:19	120-12-7	
Benzo(a)anthracene	<b>1220</b>	ug/kg	116	34.7	10	10/04/18 09:35	10/05/18 15:19	56-55-3	
Benzo(a)pyrene	<b>1810</b>	ug/kg	91.5	27.5	10	10/04/18 09:35	10/05/18 15:19	50-32-8	
Benzo(b)fluoranthene	<b>1440</b>	ug/kg	103	30.9	10	10/04/18 09:35	10/05/18 15:19	205-99-2	
Benzo(g,h,i)perylene	<b>1390</b>	ug/kg	74.0	22.2	10	10/04/18 09:35	10/05/18 15:19	191-24-2	
Benzo(k)fluoranthene	<b>1680</b>	ug/kg	91.4	27.4	10	10/04/18 09:35	10/05/18 15:19	207-08-9	
Chrysene	<b>1400</b>	ug/kg	122	36.9	10	10/04/18 09:35	10/05/18 15:19	218-01-9	
Dibenz(a,h)anthracene	<b>419</b>	ug/kg	81.5	24.4	10	10/04/18 09:35	10/05/18 15:19	53-70-3	L2
Fluoranthene	<b>2010</b>	ug/kg	190	56.9	10	10/04/18 09:35	10/05/18 15:19	206-44-0	
Fluorene	<b>66.0J</b>	ug/kg	151	45.3	10	10/04/18 09:35	10/05/18 15:19	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>1130</b>	ug/kg	80.1	24.0	10	10/04/18 09:35	10/05/18 15:19	193-39-5	
1-Methylnaphthalene	<b>&lt;44.0</b>	ug/kg	147	44.0	10	10/04/18 09:35	10/05/18 15:19	90-12-0	
2-Methylnaphthalene	<b>&lt;54.7</b>	ug/kg	183	54.7	10	10/04/18 09:35	10/05/18 15:19	91-57-6	
Naphthalene	<b>&lt;92.1</b>	ug/kg	307	92.1	10	10/04/18 09:35	10/05/18 15:19	91-20-3	
Phenanthrene	<b>669</b>	ug/kg	424	127	10	10/04/18 09:35	10/05/18 15:19	85-01-8	
Pyrene	<b>1460</b>	ug/kg	164	49.3	10	10/04/18 09:35	10/05/18 15:19	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	19	%	10-115		10	10/04/18 09:35	10/05/18 15:19	321-60-8	
Terphenyl-d14 (S)	17	%	10-121		10	10/04/18 09:35	10/05/18 15:19	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 20:07	120-82-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP6 (10-12.5)**      **Lab ID: 40176742010**      Collected: 09/26/18 16:50      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 20:07	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 20:07	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 20:07	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 20:07	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	1634-04-4	W
Methylene Chloride	52.8J	ug/kg	65.7	27.4	1	10/01/18 09:15	10/02/18 20:07	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 20:07	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 20:07	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP6 (10-12.5)**      **Lab ID: 40176742010**      Collected: 09/26/18 16:50      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:07	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	57-148		1	10/01/18 09:15	10/02/18 20:07	1868-53-7	
Toluene-d8 (S)	107	%	58-142		1	10/01/18 09:15	10/02/18 20:07	2037-26-5	
4-Bromofluorobenzene (S)	79	%	48-130		1	10/01/18 09:15	10/02/18 20:07	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>8.6</b>	%	0.10	0.10	1		10/03/18 11:12		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP12 (S4) (7.5-10)**      **Lab ID: 40176742011**      Collected: 09/27/18 09:00      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4.1J	mg/kg	5.3	1.1	1	10/10/18 07:24	10/11/18 22:10	7440-38-2	
Barium	49.0	mg/kg	0.53	0.16	1	10/10/18 07:24	10/11/18 22:10	7440-39-3	
Cadmium	0.26J	mg/kg	0.53	0.14	1	10/10/18 07:24	10/11/18 22:10	7440-43-9	
Chromium	10.0	mg/kg	1.1	0.29	1	10/10/18 07:24	10/11/18 22:10	7440-47-3	
Lead	26.6	mg/kg	2.1	0.63	1	10/10/18 07:24	10/11/18 22:10	7439-92-1	
Selenium	<1.4	mg/kg	4.6	1.4	1	10/10/18 07:24	10/11/18 22:10	7782-49-2	
Silver	<0.36	mg/kg	1.1	0.36	1	10/10/18 07:24	10/11/18 22:10	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.038	mg/kg	0.13	0.038	1	10/11/18 08:02	10/11/18 11:49	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	16.0	ug/kg	14.1	4.2	1	10/04/18 09:35	10/05/18 13:33	83-32-9	
Acenaphthylene	79.8	ug/kg	12.0	3.6	1	10/04/18 09:35	10/05/18 13:33	208-96-8	
Anthracene	94.5	ug/kg	20.7	6.2	1	10/04/18 09:35	10/05/18 13:33	120-12-7	
Benzo(a)anthracene	327	ug/kg	11.6	3.5	1	10/04/18 09:35	10/05/18 13:33	56-55-3	
Benzo(a)pyrene	372	ug/kg	9.1	2.7	1	10/04/18 09:35	10/05/18 13:33	50-32-8	
Benzo(b)fluoranthene	524	ug/kg	10.3	3.1	1	10/04/18 09:35	10/05/18 13:33	205-99-2	
Benzo(g,h,i)perylene	262	ug/kg	7.4	2.2	1	10/04/18 09:35	10/05/18 13:33	191-24-2	
Benzo(k)fluoranthene	167	ug/kg	9.1	2.7	1	10/04/18 09:35	10/05/18 13:33	207-08-9	
Chrysene	321	ug/kg	12.2	3.7	1	10/04/18 09:35	10/05/18 13:33	218-01-9	
Dibenz(a,h)anthracene	71.5	ug/kg	8.1	2.4	1	10/04/18 09:35	10/05/18 13:33	53-70-3	L2
Fluoranthene	553	ug/kg	19.0	5.7	1	10/04/18 09:35	10/05/18 13:33	206-44-0	
Fluorene	27.1	ug/kg	15.1	4.5	1	10/04/18 09:35	10/05/18 13:33	86-73-7	
Indeno(1,2,3-cd)pyrene	227	ug/kg	8.0	2.4	1	10/04/18 09:35	10/05/18 13:33	193-39-5	
1-Methylnaphthalene	10.7J	ug/kg	14.6	4.4	1	10/04/18 09:35	10/05/18 13:33	90-12-0	
2-Methylnaphthalene	14.9J	ug/kg	18.2	5.5	1	10/04/18 09:35	10/05/18 13:33	91-57-6	
Naphthalene	21.2J	ug/kg	30.6	9.2	1	10/04/18 09:35	10/05/18 13:33	91-20-3	
Phenanthrene	235	ug/kg	42.3	12.7	1	10/04/18 09:35	10/05/18 13:33	85-01-8	
Pyrene	447	ug/kg	16.4	4.9	1	10/04/18 09:35	10/05/18 13:33	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	10-115		1	10/04/18 09:35	10/05/18 13:33	321-60-8	
Terphenyl-d14 (S)	59	%	10-121		1	10/04/18 09:35	10/05/18 13:33	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 20:30	120-82-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Sample: **GP12 (S4) (7.5-10)** Lab ID: **40176742011** Collected: 09/27/18 09:00 Received: 09/28/18 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 20:30	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 20:30	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 20:30	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 20:30	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	1634-04-4	W
Methylene Chloride	51.8J	ug/kg	65.5	27.3	1	10/01/18 09:15	10/02/18 20:30	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 20:30	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 20:30	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP12 (S4) (7.5-10)**      **Lab ID: 40176742011**      Collected: 09/27/18 09:00      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:30	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	94	%	57-148		1	10/01/18 09:15	10/02/18 20:30	1868-53-7	
Toluene-d8 (S)	93	%	58-142		1	10/01/18 09:15	10/02/18 20:30	2037-26-5	
4-Bromofluorobenzene (S)	71	%	48-130		1	10/01/18 09:15	10/02/18 20:30	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>8.4</b>	%	0.10	0.10	1		10/03/18 11:12		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP7 (S1) (0-2.5)**      **Lab ID: 40176742012**      Collected: 09/27/18 10:30      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.5	mg/kg	5.8	1.2	1	10/10/18 07:24	10/11/18 22:12	7440-38-2	
Barium	82.2	mg/kg	0.58	0.18	1	10/10/18 07:24	10/11/18 22:12	7440-39-3	
Cadmium	0.21J	mg/kg	0.58	0.16	1	10/10/18 07:24	10/11/18 22:12	7440-43-9	
Chromium	15.2	mg/kg	1.2	0.32	1	10/10/18 07:24	10/11/18 22:12	7440-47-3	
Lead	13.0	mg/kg	2.3	0.70	1	10/10/18 07:24	10/11/18 22:12	7439-92-1	
Selenium	<1.5	mg/kg	5.1	1.5	1	10/10/18 07:24	10/11/18 22:12	7782-49-2	
Silver	<0.40	mg/kg	1.2	0.40	1	10/10/18 07:24	10/11/18 22:12	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.039	mg/kg	0.13	0.039	1	10/11/18 08:02	10/11/18 11:51	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.6	ug/kg	15.2	4.6	1	10/04/18 09:35	10/05/18 13:50	83-32-9	
Acenaphthylene	19.4	ug/kg	13.0	3.9	1	10/04/18 09:35	10/05/18 13:50	208-96-8	
Anthracene	25.0	ug/kg	22.4	6.7	1	10/04/18 09:35	10/05/18 13:50	120-12-7	
Benzo(a)anthracene	69.5	ug/kg	12.5	3.7	1	10/04/18 09:35	10/05/18 13:50	56-55-3	
Benzo(a)pyrene	78.3	ug/kg	9.9	3.0	1	10/04/18 09:35	10/05/18 13:50	50-32-8	
Benzo(b)fluoranthene	103	ug/kg	11.1	3.3	1	10/04/18 09:35	10/05/18 13:50	205-99-2	
Benzo(g,h,i)perylene	45.0	ug/kg	8.0	2.4	1	10/04/18 09:35	10/05/18 13:50	191-24-2	
Benzo(k)fluoranthene	48.8	ug/kg	9.9	3.0	1	10/04/18 09:35	10/05/18 13:50	207-08-9	
Chrysene	79.7	ug/kg	13.2	4.0	1	10/04/18 09:35	10/05/18 13:50	218-01-9	
Dibenz(a,h)anthracene	10.7	ug/kg	8.8	2.6	1	10/04/18 09:35	10/05/18 13:50	53-70-3	L2
Fluoranthene	126	ug/kg	20.6	6.2	1	10/04/18 09:35	10/05/18 13:50	206-44-0	
Fluorene	<4.9	ug/kg	16.3	4.9	1	10/04/18 09:35	10/05/18 13:50	86-73-7	
Indeno(1,2,3-cd)pyrene	36.5	ug/kg	8.7	2.6	1	10/04/18 09:35	10/05/18 13:50	193-39-5	
1-Methylnaphthalene	<4.8	ug/kg	15.8	4.8	1	10/04/18 09:35	10/05/18 13:50	90-12-0	
2-Methylnaphthalene	<5.9	ug/kg	19.7	5.9	1	10/04/18 09:35	10/05/18 13:50	91-57-6	
Naphthalene	<9.9	ug/kg	33.2	9.9	1	10/04/18 09:35	10/05/18 13:50	91-20-3	
Phenanthrene	46.3	ug/kg	45.8	13.8	1	10/04/18 09:35	10/05/18 13:50	85-01-8	
Pyrene	103	ug/kg	17.7	5.3	1	10/04/18 09:35	10/05/18 13:50	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	76	%	10-115		1	10/04/18 09:35	10/05/18 13:50	321-60-8	
Terphenyl-d14 (S)	69	%	10-121		1	10/04/18 09:35	10/05/18 13:50	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 20:53	120-82-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Sample: **GP7 (S1) (0-2.5)** Lab ID: **40176742012** Collected: 09/27/18 10:30 Received: 09/28/18 08:40 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 20:53	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 20:53	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 20:53	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 20:53	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	1634-04-4	W
Methylene Chloride	58.4J	ug/kg	70.8	29.5	1	10/01/18 09:15	10/02/18 20:53	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 20:53	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 20:53	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	103-65-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP7 (S1) (0-2.5)**      **Lab ID: 40176742012**      Collected: 09/27/18 10:30      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 20:53	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	57-148		1	10/01/18 09:15	10/02/18 20:53	1868-53-7	
Toluene-d8 (S)	99	%	58-142		1	10/01/18 09:15	10/02/18 20:53	2037-26-5	
4-Bromofluorobenzene (S)	81	%	48-130		1	10/01/18 09:15	10/02/18 20:53	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>15.3</b>	%	0.10	0.10	1		10/03/18 11:12		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP8 (S1) (0-2.5)**      **Lab ID: 40176742013**      Collected: 09/27/18 11:00      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>3.9J</b>	mg/kg	5.1	1.1	1	10/10/18 07:24	10/11/18 22:15	7440-38-2	
Barium	<b>35.2</b>	mg/kg	0.51	0.15	1	10/10/18 07:24	10/11/18 22:15	7440-39-3	
Cadmium	<b>&lt;0.14</b>	mg/kg	0.51	0.14	1	10/10/18 07:24	10/11/18 22:15	7440-43-9	
Chromium	<b>9.2</b>	mg/kg	1.0	0.28	1	10/10/18 07:24	10/11/18 22:15	7440-47-3	
Lead	<b>15.9</b>	mg/kg	2.0	0.61	1	10/10/18 07:24	10/11/18 22:15	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	4.5	1.3	1	10/10/18 07:24	10/11/18 22:15	7782-49-2	
Silver	<b>&lt;0.35</b>	mg/kg	1.0	0.35	1	10/10/18 07:24	10/11/18 22:15	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>&lt;0.036</b>	mg/kg	0.12	0.036	1	10/11/18 08:02	10/11/18 11:54	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.2</b>	ug/kg	14.0	4.2	1	10/04/18 09:35	10/05/18 14:07	83-32-9	
Acenaphthylene	<b>4.3J</b>	ug/kg	11.9	3.6	1	10/04/18 09:35	10/05/18 14:07	208-96-8	
Anthracene	<b>6.8J</b>	ug/kg	20.6	6.2	1	10/04/18 09:35	10/05/18 14:07	120-12-7	
Benzo(a)anthracene	<b>26.6</b>	ug/kg	11.5	3.4	1	10/04/18 09:35	10/05/18 14:07	56-55-3	
Benzo(a)pyrene	<b>30.9</b>	ug/kg	9.1	2.7	1	10/04/18 09:35	10/05/18 14:07	50-32-8	
Benzo(b)fluoranthene	<b>41.0</b>	ug/kg	10.2	3.1	1	10/04/18 09:35	10/05/18 14:07	205-99-2	
Benzo(g,h,i)perylene	<b>22.6</b>	ug/kg	7.3	2.2	1	10/04/18 09:35	10/05/18 14:07	191-24-2	
Benzo(k)fluoranthene	<b>19.1</b>	ug/kg	9.1	2.7	1	10/04/18 09:35	10/05/18 14:07	207-08-9	
Chrysene	<b>35.0</b>	ug/kg	12.1	3.7	1	10/04/18 09:35	10/05/18 14:07	218-01-9	
Dibenz(a,h)anthracene	<b>4.6J</b>	ug/kg	8.1	2.4	1	10/04/18 09:35	10/05/18 14:07	53-70-3	L2
Fluoranthene	<b>53.4</b>	ug/kg	18.8	5.6	1	10/04/18 09:35	10/05/18 14:07	206-44-0	
Fluorene	<b>&lt;4.5</b>	ug/kg	14.9	4.5	1	10/04/18 09:35	10/05/18 14:07	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>16.2</b>	ug/kg	7.9	2.4	1	10/04/18 09:35	10/05/18 14:07	193-39-5	
1-Methylnaphthalene	<b>&lt;4.4</b>	ug/kg	14.5	4.4	1	10/04/18 09:35	10/05/18 14:07	90-12-0	
2-Methylnaphthalene	<b>&lt;5.4</b>	ug/kg	18.1	5.4	1	10/04/18 09:35	10/05/18 14:07	91-57-6	
Naphthalene	<b>&lt;9.1</b>	ug/kg	30.4	9.1	1	10/04/18 09:35	10/05/18 14:07	91-20-3	
Phenanthrene	<b>16.4J</b>	ug/kg	42.0	12.6	1	10/04/18 09:35	10/05/18 14:07	85-01-8	
Pyrene	<b>46.9</b>	ug/kg	16.2	4.9	1	10/04/18 09:35	10/05/18 14:07	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	46	%	10-115		1	10/04/18 09:35	10/05/18 14:07	321-60-8	
Terphenyl-d14 (S)	42	%	10-121		1	10/04/18 09:35	10/05/18 14:07	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 14:59	120-82-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP8 (S1) (0-2.5)**      **Lab ID: 40176742013**      Collected: 09/27/18 11:00      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 14:59	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 14:59	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 14:59	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 14:59	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	1634-04-4	W
Methylene Chloride	72.5	ug/kg	65.0	27.1	1	10/01/18 09:15	10/02/18 14:59	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 14:59	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 14:59	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP8 (S1) (0-2.5)**      **Lab ID: 40176742013**      Collected: 09/27/18 11:00      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 14:59	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	57-148		1	10/01/18 09:15	10/02/18 14:59	1868-53-7	
Toluene-d8 (S)	111	%	58-142		1	10/01/18 09:15	10/02/18 14:59	2037-26-5	
4-Bromofluorobenzene (S)	87	%	48-130		1	10/01/18 09:15	10/02/18 14:59	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	7.7	%	0.10	0.10	1		10/03/18 11:13		

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

Sample: GP9 (S1) (0-2.5) Lab ID: 40176742014 Collected: 09/27/18 11:20 Received: 09/28/18 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	8.6	mg/kg	5.9	1.2	1	10/10/18 07:24	10/11/18 22:17	7440-38-2	
Barium	83.9	mg/kg	0.59	0.18	1	10/10/18 07:24	10/11/18 22:17	7440-39-3	
Cadmium	0.27J	mg/kg	0.59	0.16	1	10/10/18 07:24	10/11/18 22:17	7440-43-9	
Chromium	21.8	mg/kg	1.2	0.33	1	10/10/18 07:24	10/11/18 22:17	7440-47-3	
Lead	20.1	mg/kg	2.4	0.71	1	10/10/18 07:24	10/11/18 22:17	7439-92-1	
Selenium	<1.6	mg/kg	5.2	1.6	1	10/10/18 07:24	10/11/18 22:17	7782-49-2	
Silver	<0.41	mg/kg	1.2	0.41	1	10/10/18 07:24	10/11/18 22:17	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.042	mg/kg	0.14	0.042	1	10/11/18 08:02	10/11/18 11:56	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.8	ug/kg	16.0	4.8	1	10/04/18 09:35	10/05/18 12:59	83-32-9	
Acenaphthylene	8.7J	ug/kg	13.7	4.1	1	10/04/18 09:35	10/05/18 12:59	208-96-8	
Anthracene	14.5J	ug/kg	23.6	7.1	1	10/04/18 09:35	10/05/18 12:59	120-12-7	
Benzo(a)anthracene	41.4	ug/kg	13.2	3.9	1	10/04/18 09:35	10/05/18 12:59	56-55-3	
Benzo(a)pyrene	53.2	ug/kg	10.4	3.1	1	10/04/18 09:35	10/05/18 12:59	50-32-8	
Benzo(b)fluoranthene	73.7	ug/kg	11.7	3.5	1	10/04/18 09:35	10/05/18 12:59	205-99-2	
Benzo(g,h,i)perylene	42.7	ug/kg	8.4	2.5	1	10/04/18 09:35	10/05/18 12:59	191-24-2	
Benzo(k)fluoranthene	32.5	ug/kg	10.4	3.1	1	10/04/18 09:35	10/05/18 12:59	207-08-9	
Chrysene	60.5	ug/kg	13.9	4.2	1	10/04/18 09:35	10/05/18 12:59	218-01-9	
Dibenz(a,h)anthracene	8.5J	ug/kg	9.2	2.8	1	10/04/18 09:35	10/05/18 12:59	53-70-3	L2
Fluoranthene	95.4	ug/kg	21.6	6.5	1	10/04/18 09:35	10/05/18 12:59	206-44-0	
Fluorene	<5.1	ug/kg	17.1	5.1	1	10/04/18 09:35	10/05/18 12:59	86-73-7	
Indeno(1,2,3-cd)pyrene	32.9	ug/kg	9.1	2.7	1	10/04/18 09:35	10/05/18 12:59	193-39-5	
1-Methylnaphthalene	<5.0	ug/kg	16.6	5.0	1	10/04/18 09:35	10/05/18 12:59	90-12-0	
2-Methylnaphthalene	<6.2	ug/kg	20.7	6.2	1	10/04/18 09:35	10/05/18 12:59	91-57-6	
Naphthalene	<10.5	ug/kg	34.9	10.5	1	10/04/18 09:35	10/05/18 12:59	91-20-3	
Phenanthrene	41.8J	ug/kg	48.2	14.5	1	10/04/18 09:35	10/05/18 12:59	85-01-8	
Pyrene	79.7	ug/kg	18.6	5.6	1	10/04/18 09:35	10/05/18 12:59	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	10-115		1	10/04/18 09:35	10/05/18 12:59	321-60-8	
Terphenyl-d14 (S)	64	%	10-121		1	10/04/18 09:35	10/05/18 12:59	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 16:32	120-82-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP9 (S1) (0-2.5)**      **Lab ID: 40176742014**      Collected: 09/27/18 11:20      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 16:32	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 16:32	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 16:32	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 16:32	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	75-09-2	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 16:32	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 16:32	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	103-65-1	W

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP9 (S1) (0-2.5)**      **Lab ID: 40176742014**      Collected: 09/27/18 11:20      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 16:32	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	57-148		1	10/01/18 09:15	10/02/18 16:32	1868-53-7	
Toluene-d8 (S)	107	%	58-142		1	10/01/18 09:15	10/02/18 16:32	2037-26-5	
4-Bromofluorobenzene (S)	81	%	48-130		1	10/01/18 09:15	10/02/18 16:32	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>19.3</b>	%	0.10	0.10	1		10/03/18 11:13		

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP10 (S2) (2.5-5)**      **Lab ID: 40176742015**      Collected: 09/27/18 11:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>3.8J</b>	mg/kg	5.9	1.2	1	10/10/18 07:24	10/11/18 22:20	7440-38-2	
Barium	<b>36.3</b>	mg/kg	0.59	0.18	1	10/10/18 07:24	10/11/18 22:20	7440-39-3	
Cadmium	<b>&lt;0.16</b>	mg/kg	0.59	0.16	1	10/10/18 07:24	10/11/18 22:20	7440-43-9	
Chromium	<b>9.1</b>	mg/kg	1.2	0.33	1	10/10/18 07:24	10/11/18 22:20	7440-47-3	
Lead	<b>22.8</b>	mg/kg	2.4	0.71	1	10/10/18 07:24	10/11/18 22:20	7439-92-1	
Selenium	<b>&lt;1.6</b>	mg/kg	5.2	1.6	1	10/10/18 07:24	10/11/18 22:20	7782-49-2	
Silver	<b>&lt;0.41</b>	mg/kg	1.2	0.41	1	10/10/18 07:24	10/11/18 22:20	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>0.13</b>	mg/kg	0.13	0.038	1	10/11/18 08:02	10/11/18 12:03	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.8</b>	ug/kg	15.9	4.8	1	10/04/18 09:35	10/08/18 11:14	83-32-9	
Acenaphthylene	<b>&lt;4.1</b>	ug/kg	13.6	4.1	1	10/04/18 09:35	10/08/18 11:14	208-96-8	
Anthracene	<b>9.4J</b>	ug/kg	23.4	7.0	1	10/04/18 09:35	10/08/18 11:14	120-12-7	
Benzo(a)anthracene	<b>23.0</b>	ug/kg	13.1	3.9	1	10/04/18 09:35	10/08/18 11:14	56-55-3	
Benzo(a)pyrene	<b>22.9</b>	ug/kg	10.3	3.1	1	10/04/18 09:35	10/08/18 11:14	50-32-8	
Benzo(b)fluoranthene	<b>35.8</b>	ug/kg	11.6	3.5	1	10/04/18 09:35	10/08/18 11:14	205-99-2	
Benzo(g,h,i)perylene	<b>21.8</b>	ug/kg	8.3	2.5	1	10/04/18 09:35	10/08/18 11:14	191-24-2	
Benzo(k)fluoranthene	<b>16.2</b>	ug/kg	10.3	3.1	1	10/04/18 09:35	10/08/18 11:14	207-08-9	
Chrysene	<b>29.3</b>	ug/kg	13.8	4.2	1	10/04/18 09:35	10/08/18 11:14	218-01-9	
Dibenz(a,h)anthracene	<b>5.1J</b>	ug/kg	9.2	2.8	1	10/04/18 09:35	10/08/18 11:14	53-70-3	L2
Fluoranthene	<b>61.4</b>	ug/kg	21.4	6.4	1	10/04/18 09:35	10/08/18 11:14	206-44-0	
Fluorene	<b>&lt;5.1</b>	ug/kg	17.0	5.1	1	10/04/18 09:35	10/08/18 11:14	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>18.5</b>	ug/kg	9.0	2.7	1	10/04/18 09:35	10/08/18 11:14	193-39-5	
1-Methylnaphthalene	<b>&lt;5.0</b>	ug/kg	16.5	5.0	1	10/04/18 09:35	10/08/18 11:14	90-12-0	
2-Methylnaphthalene	<b>&lt;6.2</b>	ug/kg	20.6	6.2	1	10/04/18 09:35	10/08/18 11:14	91-57-6	
Naphthalene	<b>&lt;10.4</b>	ug/kg	34.6	10.4	1	10/04/18 09:35	10/08/18 11:14	91-20-3	
Phenanthrene	<b>32.6J</b>	ug/kg	47.8	14.4	1	10/04/18 09:35	10/08/18 11:14	85-01-8	
Pyrene	<b>46.4</b>	ug/kg	18.5	5.6	1	10/04/18 09:35	10/08/18 11:14	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	64	%	10-115		1	10/04/18 09:35	10/08/18 11:14	321-60-8	
Terphenyl-d14 (S)	56	%	10-121		1	10/04/18 09:35	10/08/18 11:14	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	630-20-6	W
1,1,1-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	79-34-5	W
1,1,2-Trichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	79-00-5	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	75-34-3	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	75-35-4	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	563-58-6	W
1,2,3-Trichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	87-61-6	W
1,2,3-Trichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	96-18-4	W
1,2,4-Trichlorobenzene	<b>&lt;47.6</b>	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 18:58	120-82-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Sample: **GP10 (S2) (2.5-5)** Lab ID: **40176742015** Collected: 09/27/18 11:40 Received: 09/28/18 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 18:58	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 18:58	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 18:58	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 18:58	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	1634-04-4	W
Methylene Chloride	58.4J	ug/kg	74.0	30.8	1	10/01/18 09:15	10/02/18 18:58	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 18:58	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 18:58	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	103-65-1	W

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP10 (S2) (2.5-5)**      **Lab ID: 40176742015**      Collected: 09/27/18 11:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 18:58	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	57-148		1	10/01/18 09:15	10/02/18 18:58	1868-53-7	
Toluene-d8 (S)	107	%	58-142		1	10/01/18 09:15	10/02/18 18:58	2037-26-5	
4-Bromofluorobenzene (S)	84	%	48-130		1	10/01/18 09:15	10/02/18 18:58	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>18.9</b>	%	0.10	0.10	1		10/03/18 11:13		

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

**Sample: GP11 (S3) (5-7.5)**      **Lab ID: 40176742016**      Collected: 09/27/18 12:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.1	mg/kg	5.5	1.2	1	10/10/18 07:24	10/11/18 22:22	7440-38-2	
Barium	73.6	mg/kg	0.55	0.16	1	10/10/18 07:24	10/11/18 22:22	7440-39-3	
Cadmium	<0.15	mg/kg	0.55	0.15	1	10/10/18 07:24	10/11/18 22:22	7440-43-9	
Chromium	22.1	mg/kg	1.1	0.30	1	10/10/18 07:24	10/11/18 22:22	7440-47-3	
Lead	7.2	mg/kg	2.2	0.66	1	10/10/18 07:24	10/11/18 22:22	7439-92-1	
Selenium	<1.4	mg/kg	4.8	1.4	1	10/10/18 07:24	10/11/18 22:22	7782-49-2	
Silver	<0.38	mg/kg	1.1	0.38	1	10/10/18 07:24	10/11/18 22:22	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.039	mg/kg	0.13	0.039	1	10/11/18 08:02	10/11/18 12:05	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.5	ug/kg	15.0	4.5	1	10/04/18 09:35	10/08/18 11:32	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.8	3.8	1	10/04/18 09:35	10/08/18 11:32	208-96-8	
Anthracene	<6.7	ug/kg	22.1	6.7	1	10/04/18 09:35	10/08/18 11:32	120-12-7	
Benzo(a)anthracene	<3.7	ug/kg	12.3	3.7	1	10/04/18 09:35	10/08/18 11:32	56-55-3	
Benzo(a)pyrene	<2.9	ug/kg	9.7	2.9	1	10/04/18 09:35	10/08/18 11:32	50-32-8	
Benzo(b)fluoranthene	<3.3	ug/kg	11.0	3.3	1	10/04/18 09:35	10/08/18 11:32	205-99-2	
Benzo(g,h,i)perylene	<2.4	ug/kg	7.9	2.4	1	10/04/18 09:35	10/08/18 11:32	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	9.7	2.9	1	10/04/18 09:35	10/08/18 11:32	207-08-9	
Chrysene	<3.9	ug/kg	13.0	3.9	1	10/04/18 09:35	10/08/18 11:32	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.7	2.6	1	10/04/18 09:35	10/08/18 11:32	53-70-3	L2
Fluoranthene	<6.1	ug/kg	20.3	6.1	1	10/04/18 09:35	10/08/18 11:32	206-44-0	
Fluorene	<4.8	ug/kg	16.1	4.8	1	10/04/18 09:35	10/08/18 11:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.6	ug/kg	8.5	2.6	1	10/04/18 09:35	10/08/18 11:32	193-39-5	
1-Methylnaphthalene	<4.7	ug/kg	15.6	4.7	1	10/04/18 09:35	10/08/18 11:32	90-12-0	
2-Methylnaphthalene	<5.8	ug/kg	19.5	5.8	1	10/04/18 09:35	10/08/18 11:32	91-57-6	
Naphthalene	<9.8	ug/kg	32.7	9.8	1	10/04/18 09:35	10/08/18 11:32	91-20-3	
Phenanthrene	<13.6	ug/kg	45.2	13.6	1	10/04/18 09:35	10/08/18 11:32	85-01-8	
Pyrene	<5.3	ug/kg	17.5	5.3	1	10/04/18 09:35	10/08/18 11:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	10-115		1	10/04/18 09:35	10/08/18 11:32	321-60-8	
Terphenyl-d14 (S)	60	%	10-121		1	10/04/18 09:35	10/08/18 11:32	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	71-55-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	563-58-6	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	87-61-6	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	96-18-4	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/01/18 09:15	10/02/18 19:21	120-82-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP11 (S3) (5-7.5)**      **Lab ID: 40176742016**      Collected: 09/27/18 12:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	95-63-6	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/01/18 09:15	10/02/18 19:21	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	106-93-4	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/01/18 09:15	10/02/18 19:21	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/01/18 09:15	10/02/18 19:21	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/01/18 09:15	10/02/18 19:21	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	1634-04-4	W
Methylene Chloride	62.0J	ug/kg	69.8	29.1	1	10/01/18 09:15	10/02/18 19:21	75-09-2	B
Naphthalene	<40.0	ug/kg	250	40.0	1	10/01/18 09:15	10/02/18 19:21	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	10/01/18 09:15	10/02/18 19:21	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	10061-01-5	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	103-65-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP11 (S3) (5-7.5)**      **Lab ID: 40176742016**      Collected: 09/27/18 12:40      Received: 09/28/18 08:40      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/01/18 09:15	10/02/18 19:21	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	57-148		1	10/01/18 09:15	10/02/18 19:21	1868-53-7	
Toluene-d8 (S)	112	%	58-142		1	10/01/18 09:15	10/02/18 19:21	2037-26-5	
4-Bromofluorobenzene (S)	89	%	48-130		1	10/01/18 09:15	10/02/18 19:21	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	14.1	%	0.10	0.10	1		10/03/18 11:13		

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP-2 (GW)**      **Lab ID: 40176742017**      Collected: 09/26/18 12:00      Received: 09/28/18 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP, Dissolved</b>									
Analytical Method: EPA 6010									
Arsenic, Dissolved	<b>13.5J</b>	ug/L	25.0	5.4	1		10/12/18 12:21	7440-38-2	
Barium, Dissolved	<b>67.2</b>	ug/L	5.0	1.5	1		10/12/18 12:21	7440-39-3	
Cadmium, Dissolved	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		10/12/18 12:21	7440-43-9	
Chromium, Dissolved	<b>&lt;2.5</b>	ug/L	10.0	2.5	1		10/12/18 12:21	7440-47-3	
Lead, Dissolved	<b>&lt;6.4</b>	ug/L	21.4	6.4	1		10/12/18 12:21	7439-92-1	
Selenium, Dissolved	<b>&lt;12.3</b>	ug/L	41.1	12.3	1		10/12/18 12:21	7782-49-2	
Silver, Dissolved	<b>&lt;3.2</b>	ug/L	10.0	3.2	1		10/12/18 12:21	7440-22-4	
<b>7470 Mercury, Dissolved</b>									
Analytical Method: EPA 7470      Preparation Method: EPA 7470									
Mercury, Dissolved	<b>&lt;0.084</b>	ug/L	0.28	0.084	1	10/08/18 09:30	10/09/18 10:32	7439-97-6	
<b>8270 MSSV PAH by HVI</b>									
Analytical Method: EPA 8270 by HVI      Preparation Method: EPA 3510									
Acenaphthene	<b>0.13</b>	ug/L	0.027	0.0055	1	10/03/18 08:50	10/03/18 16:36	83-32-9	
Acenaphthylene	<b>0.20</b>	ug/L	0.022	0.0045	1	10/03/18 08:50	10/03/18 16:36	208-96-8	
Anthracene	<b>0.45</b>	ug/L	0.047	0.0094	1	10/03/18 08:50	10/03/18 16:36	120-12-7	
Benzo(a)anthracene	<b>1.2</b>	ug/L	0.034	0.0068	1	10/03/18 08:50	10/03/18 16:36	56-55-3	
Benzo(a)pyrene	<b>1.2</b>	ug/L	0.047	0.0095	1	10/03/18 08:50	10/03/18 16:36	50-32-8	
Benzo(b)fluoranthene	<b>1.5</b>	ug/L	0.026	0.0052	1	10/03/18 08:50	10/03/18 16:36	205-99-2	
Benzo(g,h,i)perylene	<b>1.0</b>	ug/L	0.031	0.0061	1	10/03/18 08:50	10/03/18 16:36	191-24-2	
Benzo(k)fluoranthene	<b>0.66</b>	ug/L	0.034	0.0068	1	10/03/18 08:50	10/03/18 16:36	207-08-9	
Chrysene	<b>1.4</b>	ug/L	0.059	0.012	1	10/03/18 08:50	10/03/18 16:36	218-01-9	
Dibenz(a,h)anthracene	<b>0.18</b>	ug/L	0.045	0.0090	1	10/03/18 08:50	10/03/18 16:36	53-70-3	
Fluoranthene	<b>2.5</b>	ug/L	0.048	0.0096	1	10/03/18 08:50	10/03/18 16:36	206-44-0	
Fluorene	<b>0.19</b>	ug/L	0.036	0.0072	1	10/03/18 08:50	10/03/18 16:36	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.76</b>	ug/L	0.079	0.016	1	10/03/18 08:50	10/03/18 16:36	193-39-5	
1-Methylnaphthalene	<b>0.043</b>	ug/L	0.027	0.0053	1	10/03/18 08:50	10/03/18 16:36	90-12-0	
2-Methylnaphthalene	<b>0.049</b>	ug/L	0.022	0.0044	1	10/03/18 08:50	10/03/18 16:36	91-57-6	
Naphthalene	<b>0.13</b>	ug/L	0.083	0.017	1	10/03/18 08:50	10/03/18 16:36	91-20-3	
Phenanthrene	<b>1.6</b>	ug/L	0.062	0.012	1	10/03/18 08:50	10/03/18 16:36	85-01-8	
Pyrene	<b>2.7</b>	ug/L	0.034	0.0069	1	10/03/18 08:50	10/03/18 16:36	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	39	%	29-80		1	10/03/18 08:50	10/03/18 16:36	321-60-8	
Terphenyl-d14 (S)	18	%	10-123		1	10/03/18 08:50	10/03/18 16:36	1718-51-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		10/02/18 14:24	630-20-6	
1,1,1-Trichloroethane	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		10/02/18 14:24	71-55-6	
1,1,2,2-Tetrachloroethane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		10/02/18 14:24	79-34-5	
1,1,2-Trichloroethane	<b>&lt;0.55</b>	ug/L	5.0	0.55	1		10/02/18 14:24	79-00-5	
1,1-Dichloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		10/02/18 14:24	75-34-3	
1,1-Dichloroethene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		10/02/18 14:24	75-35-4	
1,1-Dichloropropene	<b>&lt;0.54</b>	ug/L	1.8	0.54	1		10/02/18 14:24	563-58-6	
1,2,3-Trichlorobenzene	<b>&lt;0.63</b>	ug/L	5.0	0.63	1		10/02/18 14:24	87-61-6	
1,2,3-Trichloropropane	<b>&lt;0.59</b>	ug/L	5.0	0.59	1		10/02/18 14:24	96-18-4	
1,2,4-Trichlorobenzene	<b>&lt;0.95</b>	ug/L	5.0	0.95	1		10/02/18 14:24	120-82-1	
1,2,4-Trimethylbenzene	<b>&lt;0.84</b>	ug/L	2.8	0.84	1		10/02/18 14:24	95-63-6	

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP-2 (GW)**      **Lab ID: 40176742017**      Collected: 09/26/18 12:00      Received: 09/28/18 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/02/18 14:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/02/18 14:24	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/02/18 14:24	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/18 14:24	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/02/18 14:24	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/02/18 14:24	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/02/18 14:24	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/02/18 14:24	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/02/18 14:24	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/02/18 14:24	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/02/18 14:24	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/02/18 14:24	106-43-4	
Benzene	0.66J	ug/L	1.0	0.25	1		10/02/18 14:24	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/02/18 14:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/02/18 14:24	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/02/18 14:24	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/02/18 14:24	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/02/18 14:24	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/02/18 14:24	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/02/18 14:24	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/02/18 14:24	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/02/18 14:24	67-66-3	
Chloromethane	2.4J	ug/L	7.3	2.2	1		10/02/18 14:24	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/02/18 14:24	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/02/18 14:24	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/02/18 14:24	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/02/18 14:24	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/02/18 14:24	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/02/18 14:24	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/02/18 14:24	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/02/18 14:24	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/02/18 14:24	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/02/18 14:24	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/02/18 14:24	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/18 14:24	127-18-4	
Toluene	0.34J	ug/L	5.0	0.17	1		10/02/18 14:24	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/18 14:24	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/02/18 14:24	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/18 14:24	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/02/18 14:24	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/18 14:24	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/02/18 14:24	10061-01-5	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/02/18 14:24	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/02/18 14:24	103-65-1	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/02/18 14:24	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/02/18 14:24	135-98-8	

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### ANALYTICAL RESULTS

Project: 25218096 VOIT FARM  
 Pace Project No.: 40176742

Sample: GP-2 (GW) Lab ID: 40176742017 Collected: 09/26/18 12:00 Received: 09/28/18 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/02/18 14:24	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/02/18 14:24	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/02/18 14:24	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/02/18 14:24	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		10/02/18 14:24	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		10/02/18 14:24	2037-26-5	

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP-9 (GW)**      **Lab ID: 40176742018**      Collected: 09/27/18 11:30      Received: 09/28/18 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP, Dissolved</b> Analytical Method: EPA 6010									
Arsenic, Dissolved	<b>13.4J</b>	ug/L	25.0	5.4	1		10/12/18 12:23	7440-38-2	
Barium, Dissolved	<b>327</b>	ug/L	5.0	1.5	1		10/12/18 12:23	7440-39-3	
Cadmium, Dissolved	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		10/12/18 12:23	7440-43-9	
Chromium, Dissolved	<b>&lt;2.5</b>	ug/L	10.0	2.5	1		10/12/18 12:23	7440-47-3	
Lead, Dissolved	<b>&lt;6.4</b>	ug/L	21.4	6.4	1		10/12/18 12:23	7439-92-1	
Selenium, Dissolved	<b>&lt;12.3</b>	ug/L	41.1	12.3	1		10/12/18 12:23	7782-49-2	
Silver, Dissolved	<b>&lt;3.2</b>	ug/L	10.0	3.2	1		10/12/18 12:23	7440-22-4	
<b>7470 Mercury, Dissolved</b> Analytical Method: EPA 7470      Preparation Method: EPA 7470									
Mercury, Dissolved	<b>&lt;0.084</b>	ug/L	0.28	0.084	1	10/08/18 09:30	10/09/18 10:34	7439-97-6	
<b>8270 MSSV PAH by HVI</b> Analytical Method: EPA 8270 by HVI      Preparation Method: EPA 3510									
Acenaphthene	<b>0.022J</b>	ug/L	0.061	0.012	1	10/03/18 08:50	10/03/18 19:03	83-32-9	
Acenaphthylene	<b>0.035J</b>	ug/L	0.050	0.010	1	10/03/18 08:50	10/03/18 19:03	208-96-8	
Anthracene	<b>0.034J</b>	ug/L	0.10	0.021	1	10/03/18 08:50	10/03/18 19:03	120-12-7	
Benzo(a)anthracene	<b>0.24</b>	ug/L	0.076	0.015	1	10/03/18 08:50	10/03/18 19:03	56-55-3	
Benzo(a)pyrene	<b>0.25</b>	ug/L	0.11	0.021	1	10/03/18 08:50	10/03/18 19:03	50-32-8	
Benzo(b)fluoranthene	<b>0.37</b>	ug/L	0.057	0.011	1	10/03/18 08:50	10/03/18 19:03	205-99-2	
Benzo(g,h,i)perylene	<b>0.24</b>	ug/L	0.068	0.014	1	10/03/18 08:50	10/03/18 19:03	191-24-2	
Benzo(k)fluoranthene	<b>0.18</b>	ug/L	0.075	0.015	1	10/03/18 08:50	10/03/18 19:03	207-08-9	
Chrysene	<b>0.34</b>	ug/L	0.13	0.026	1	10/03/18 08:50	10/03/18 19:03	218-01-9	
Dibenz(a,h)anthracene	<b>0.049J</b>	ug/L	0.10	0.020	1	10/03/18 08:50	10/03/18 19:03	53-70-3	
Fluoranthene	<b>0.48</b>	ug/L	0.11	0.021	1	10/03/18 08:50	10/03/18 19:03	206-44-0	
Fluorene	<b>0.027J</b>	ug/L	0.080	0.016	1	10/03/18 08:50	10/03/18 19:03	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.20</b>	ug/L	0.18	0.035	1	10/03/18 08:50	10/03/18 19:03	193-39-5	
1-Methylnaphthalene	<b>0.017J</b>	ug/L	0.059	0.012	1	10/03/18 08:50	10/03/18 19:03	90-12-0	
2-Methylnaphthalene	<b>0.016J</b>	ug/L	0.049	0.0098	1	10/03/18 08:50	10/03/18 19:03	91-57-6	
Naphthalene	<b>0.042J</b>	ug/L	0.18	0.037	1	10/03/18 08:50	10/03/18 19:03	91-20-3	
Phenanthrene	<b>0.20</b>	ug/L	0.14	0.028	1	10/03/18 08:50	10/03/18 19:03	85-01-8	
Pyrene	<b>0.51</b>	ug/L	0.077	0.015	1	10/03/18 08:50	10/03/18 19:03	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	43	%	29-80		1	10/03/18 08:50	10/03/18 19:03	321-60-8	
Terphenyl-d14 (S)	31	%	10-123		1	10/03/18 08:50	10/03/18 19:03	1718-51-0	
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		10/02/18 18:05	630-20-6	
1,1,1-Trichloroethane	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		10/02/18 18:05	71-55-6	
1,1,2,2-Tetrachloroethane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		10/02/18 18:05	79-34-5	
1,1,2-Trichloroethane	<b>&lt;0.55</b>	ug/L	5.0	0.55	1		10/02/18 18:05	79-00-5	
1,1-Dichloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		10/02/18 18:05	75-34-3	
1,1-Dichloroethene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		10/02/18 18:05	75-35-4	
1,1-Dichloropropene	<b>&lt;0.54</b>	ug/L	1.8	0.54	1		10/02/18 18:05	563-58-6	
1,2,3-Trichlorobenzene	<b>&lt;0.63</b>	ug/L	5.0	0.63	1		10/02/18 18:05	87-61-6	
1,2,3-Trichloropropane	<b>&lt;0.59</b>	ug/L	5.0	0.59	1		10/02/18 18:05	96-18-4	
1,2,4-Trichlorobenzene	<b>&lt;0.95</b>	ug/L	5.0	0.95	1		10/02/18 18:05	120-82-1	
1,2,4-Trimethylbenzene	<b>&lt;0.84</b>	ug/L	2.8	0.84	1		10/02/18 18:05	95-63-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP-9 (GW)**      **Lab ID: 40176742018**      Collected: 09/27/18 11:30      Received: 09/28/18 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/02/18 18:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/02/18 18:05	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/02/18 18:05	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/18 18:05	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/02/18 18:05	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/02/18 18:05	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/02/18 18:05	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/02/18 18:05	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/02/18 18:05	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/02/18 18:05	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/02/18 18:05	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/02/18 18:05	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		10/02/18 18:05	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/02/18 18:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/02/18 18:05	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/02/18 18:05	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/02/18 18:05	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/02/18 18:05	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/02/18 18:05	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/02/18 18:05	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/02/18 18:05	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/02/18 18:05	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/02/18 18:05	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/02/18 18:05	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/02/18 18:05	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/02/18 18:05	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/02/18 18:05	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/02/18 18:05	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/02/18 18:05	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/02/18 18:05	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/02/18 18:05	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/02/18 18:05	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/02/18 18:05	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/02/18 18:05	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/18 18:05	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/02/18 18:05	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/18 18:05	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/02/18 18:05	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/18 18:05	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/02/18 18:05	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/18 18:05	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/02/18 18:05	10061-01-5	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/02/18 18:05	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/02/18 18:05	103-65-1	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/02/18 18:05	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/02/18 18:05	135-98-8	

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## ANALYTICAL RESULTS

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

**Sample: GP-9 (GW)**      **Lab ID: 40176742018**      Collected: 09/27/18 11:30      Received: 09/28/18 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/02/18 18:05	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/02/18 18:05	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/02/18 18:05	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/02/18 18:05	460-00-4	pH
Dibromofluoromethane (S)	112	%	70-130		1		10/02/18 18:05	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		10/02/18 18:05	2037-26-5	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

QC Batch: 303045 Analysis Method: EPA 6010  
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved  
Associated Lab Samples: 40176742017, 40176742018

METHOD BLANK: 1769974 Matrix: Water  
Associated Lab Samples: 40176742017, 40176742018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<5.4	25.0	10/12/18 11:45	
Barium, Dissolved	ug/L	<1.5	5.0	10/12/18 11:45	
Cadmium, Dissolved	ug/L	<1.3	5.0	10/12/18 11:45	
Chromium, Dissolved	ug/L	<2.5	10.0	10/12/18 11:45	
Lead, Dissolved	ug/L	<6.4	21.4	10/12/18 11:45	
Selenium, Dissolved	ug/L	<12.3	41.1	10/12/18 11:45	
Silver, Dissolved	ug/L	<3.2	10.0	10/12/18 11:45	

LABORATORY CONTROL SAMPLE: 1769975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	500	480	96	80-120	
Barium, Dissolved	ug/L	500	468	94	80-120	
Cadmium, Dissolved	ug/L	500	481	96	80-120	
Chromium, Dissolved	ug/L	500	479	96	80-120	
Lead, Dissolved	ug/L	500	478	96	80-120	
Selenium, Dissolved	ug/L	500	501	100	80-120	
Silver, Dissolved	ug/L	250	249	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1769976 1769977

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40176699001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Arsenic, Dissolved	ug/L	<5.4	500	500	499	488	99	97	75-125	2	20	
Barium, Dissolved	ug/L	356	500	500	816	822	92	93	75-125	1	20	
Cadmium, Dissolved	ug/L	11.6	500	500	504	504	99	98	75-125	0	20	
Chromium, Dissolved	ug/L	<2.5	500	500	485	559	97	112	75-125	14	20	
Lead, Dissolved	ug/L	324	500	500	794	793	94	94	75-125	0	20	
Selenium, Dissolved	ug/L	<12.3	500	500	532	536	105	106	75-125	1	20	
Silver, Dissolved	ug/L	<3.2	250	250	248	245	99	98	75-125	1	20	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

QC Batch: 302417 Analysis Method: EPA 7470  
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved  
Associated Lab Samples: 40176742017, 40176742018

METHOD BLANK: 1766848 Matrix: Water  
Associated Lab Samples: 40176742017, 40176742018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.084	0.28	10/09/18 09:55	

LABORATORY CONTROL SAMPLE: 1766849

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.9	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1766850 1766851

Parameter	Units	40176598004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.084	5	5	4.8	4.9	95	98	85-115	3	20	

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**QUALITY CONTROL DATA**

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

QC Batch: 302769 Analysis Method: EPA 7471  
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
Associated Lab Samples: 40176742001, 40176742002, 40176742003, 40176742004, 40176742005, 40176742006, 40176742007, 40176742008, 40176742009, 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016

METHOD BLANK: 1768390 Matrix: Solid  
Associated Lab Samples: 40176742001, 40176742002, 40176742003, 40176742004, 40176742005, 40176742006, 40176742007, 40176742008, 40176742009, 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.035	0.12	10/11/18 11:07	

LABORATORY CONTROL SAMPLE: 1768391

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.88	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1768392 1768393

Parameter	Units	40177046001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	<0.038	.92	.92	0.98	0.98	106	106	85-115	0	20	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

QC Batch: 301943 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40176742001, 40176742002, 40176742003, 40176742004, 40176742005, 40176742006, 40176742007

METHOD BLANK: 1763492 Matrix: Solid  
Associated Lab Samples: 40176742001, 40176742002, 40176742003, 40176742004, 40176742005, 40176742006, 40176742007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	10/10/18 17:56	
Barium	mg/kg	<0.15	0.50	10/10/18 17:56	
Cadmium	mg/kg	<0.13	0.50	10/10/18 17:56	
Chromium	mg/kg	<0.28	1.0	10/10/18 17:56	
Lead	mg/kg	<0.60	2.0	10/10/18 17:56	
Selenium	mg/kg	<1.3	4.4	10/10/18 17:56	
Silver	mg/kg	<0.34	1.0	10/10/18 17:56	

LABORATORY CONTROL SAMPLE: 1763493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	50.8	102	80-120	
Barium	mg/kg	50	51.5	103	80-120	
Cadmium	mg/kg	50	51.7	103	80-120	
Chromium	mg/kg	50	51.8	104	80-120	
Lead	mg/kg	50	51.0	102	80-120	
Selenium	mg/kg	50	52.2	104	80-120	
Silver	mg/kg	25	25.8	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1763494 1763495

Parameter	Units	40176586001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Arsenic	mg/kg	11.0	90	90.2	94.7	96.3	93	95	75-125	2	20		
Barium	mg/kg	489	90	90.2	575	567	95	87	75-125	1	20		
Cadmium	mg/kg	4.4	90	90.2	91.2	91.7	96	97	75-125	1	20		
Chromium	mg/kg	66.8	90	90.2	151	149	94	91	75-125	1	20		
Lead	mg/kg	77.9	90	90.2	164	162	96	93	75-125	2	20		
Selenium	mg/kg	<7.9	90	90.2	92.1	94.9	96	99	75-125	3	20		
Silver	mg/kg	5.6	44.9	45.1	48.6	48.6	96	95	75-125	0	20		

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**QUALITY CONTROL DATA**

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

QC Batch:	302598	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
Associated Lab Samples:	40176742008, 40176742009, 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016		

METHOD BLANK:	1767498	Matrix:	Solid
Associated Lab Samples:	40176742008, 40176742009, 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	10/11/18 21:48	
Barium	mg/kg	<0.15	0.50	10/11/18 21:48	
Cadmium	mg/kg	<0.13	0.50	10/11/18 21:48	
Chromium	mg/kg	<0.28	1.0	10/11/18 21:48	
Lead	mg/kg	<0.60	2.0	10/11/18 21:48	
Selenium	mg/kg	<1.3	4.4	10/11/18 21:48	
Silver	mg/kg	<0.34	1.0	10/11/18 21:48	

LABORATORY CONTROL SAMPLE: 1767499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.3	99	80-120	
Barium	mg/kg	50	48.5	97	80-120	
Cadmium	mg/kg	50	49.3	99	80-120	
Chromium	mg/kg	50	49.6	99	80-120	
Lead	mg/kg	50	49.5	99	80-120	
Selenium	mg/kg	50	50.5	101	80-120	
Silver	mg/kg	25	25.5	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1767500 1767501

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40176742009 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/kg	4.6J	50.9	50.8	49.0	51.9	87	93	75-125	6	20
Barium	mg/kg	157	50.9	50.8	221	201	126	88	75-125	9	20 M0
Cadmium	mg/kg	<0.14	50.9	50.8	44.5	46.4	88	91	75-125	4	20
Chromium	mg/kg	24.7	50.9	50.8	71.5	68.3	92	86	75-125	5	20
Lead	mg/kg	9.4	50.9	50.8	51.1	54.4	82	89	75-125	6	20
Selenium	mg/kg	<1.3	50.9	50.8	44.3	46.4	87	91	75-125	5	20
Silver	mg/kg	<0.35	25.4	25.3	23.7	24.6	92	95	75-125	4	20

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

QC Batch: 301797 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40176742001, 40176742002, 40176742003, 40176742004, 40176742005, 40176742006, 40176742007, 40176742008, 40176742009, 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016

METHOD BLANK: 1762937 Matrix: Solid  
Associated Lab Samples: 40176742001, 40176742002, 40176742003, 40176742004, 40176742005, 40176742006, 40176742007, 40176742008, 40176742009, 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/02/18 08:21	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/02/18 08:21	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/02/18 08:21	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/02/18 08:21	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/02/18 08:21	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/02/18 08:21	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/02/18 08:21	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	10/02/18 08:21	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/02/18 08:21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/02/18 08:21	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/02/18 08:21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/02/18 08:21	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/02/18 08:21	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/02/18 08:21	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/02/18 08:21	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/02/18 08:21	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/02/18 08:21	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/02/18 08:21	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/02/18 08:21	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/02/18 08:21	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/02/18 08:21	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/02/18 08:21	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/02/18 08:21	
Benzene	ug/kg	<9.2	20.0	10/02/18 08:21	
Bromobenzene	ug/kg	<20.6	50.0	10/02/18 08:21	
Bromochloromethane	ug/kg	<21.4	50.0	10/02/18 08:21	
Bromodichloromethane	ug/kg	<9.8	50.0	10/02/18 08:21	
Bromoform	ug/kg	<19.8	50.0	10/02/18 08:21	
Bromomethane	ug/kg	<69.9	250	10/02/18 08:21	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/02/18 08:21	
Chlorobenzene	ug/kg	<14.8	50.0	10/02/18 08:21	
Chloroethane	ug/kg	<67.0	250	10/02/18 08:21	
Chloroform	ug/kg	<46.4	250	10/02/18 08:21	
Chloromethane	ug/kg	<20.4	50.0	10/02/18 08:21	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/02/18 08:21	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/02/18 08:21	
Dibromochloromethane	ug/kg	<17.9	50.0	10/02/18 08:21	
Dibromomethane	ug/kg	<19.3	50.0	10/02/18 08:21	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

METHOD BLANK: 1762937

Matrix: Solid

Associated Lab Samples: 40176742001, 40176742002, 40176742003, 40176742004, 40176742005, 40176742006, 40176742007, 40176742008, 40176742009, 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/02/18 08:21	
Diisopropyl ether	ug/kg	<17.7	50.0	10/02/18 08:21	
Ethylbenzene	ug/kg	<12.4	50.0	10/02/18 08:21	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	10/02/18 08:21	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/02/18 08:21	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/02/18 08:21	
Methylene Chloride	ug/kg	50.1	50.0	10/02/18 08:21	
n-Butylbenzene	ug/kg	<10.5	50.0	10/02/18 08:21	
n-Propylbenzene	ug/kg	<11.6	50.0	10/02/18 08:21	
Naphthalene	ug/kg	<40.0	250	10/02/18 08:21	
p-Isopropyltoluene	ug/kg	<12.0	50.0	10/02/18 08:21	
sec-Butylbenzene	ug/kg	<11.9	50.0	10/02/18 08:21	
Styrene	ug/kg	<9.0	50.0	10/02/18 08:21	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/02/18 08:21	
Tetrachloroethene	ug/kg	<12.9	50.0	10/02/18 08:21	
Toluene	ug/kg	<11.2	50.0	10/02/18 08:21	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/02/18 08:21	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/02/18 08:21	
Trichloroethene	ug/kg	<23.6	50.0	10/02/18 08:21	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/02/18 08:21	
Vinyl chloride	ug/kg	<21.1	50.0	10/02/18 08:21	
Xylene (Total)	ug/kg	<48.4	150	10/02/18 08:21	
4-Bromofluorobenzene (S)	%	87	48-130	10/02/18 08:21	
Dibromofluoromethane (S)	%	113	57-148	10/02/18 08:21	
Toluene-d8 (S)	%	111	58-142	10/02/18 08:21	

LABORATORY CONTROL SAMPLE: 1762938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2440	98	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2650	106	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2560	103	70-130	
1,1-Dichloroethane	ug/kg	2500	2500	100	67-132	
1,1-Dichloroethene	ug/kg	2500	2960	119	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2650	106	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2440	98	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2520	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2220	89	65-137	
1,2-Dichloropropane	ug/kg	2500	2490	100	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2490	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2330	93	70-130	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

LABORATORY CONTROL SAMPLE: 1762938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2670	107	70-130	
Bromodichloromethane	ug/kg	2500	2380	95	70-130	
Bromoform	ug/kg	2500	2360	94	57-117	
Bromomethane	ug/kg	2500	2760	110	48-135	
Carbon tetrachloride	ug/kg	2500	2580	103	65-133	
Chlorobenzene	ug/kg	2500	2480	99	70-130	
Chloroethane	ug/kg	2500	3360	134	37-165	
Chloroform	ug/kg	2500	2440	98	72-126	
Chloromethane	ug/kg	2500	1930	77	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2550	102	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2570	103	69-130	
Dibromochloromethane	ug/kg	2500	2570	103	68-130	
Dichlorodifluoromethane	ug/kg	2500	1480	59	22-100	
Ethylbenzene	ug/kg	2500	2550	102	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2480	99	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2660	106	66-129	
Methylene Chloride	ug/kg	2500	2850	114	68-129	
Styrene	ug/kg	2500	2450	98	70-130	
Tetrachloroethene	ug/kg	2500	2460	99	70-130	
Toluene	ug/kg	2500	2730	109	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2850	114	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2730	109	67-130	
Trichloroethene	ug/kg	2500	2500	100	70-130	
Trichlorofluoromethane	ug/kg	2500	3030	121	64-134	
Vinyl chloride	ug/kg	2500	2450	98	52-122	
Xylene (Total)	ug/kg	7500	7970	106	70-130	
4-Bromofluorobenzene (S)	%			92	48-130	
Dibromofluoromethane (S)	%			111	57-148	
Toluene-d8 (S)	%			109	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1762939 1762940

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40176742005 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/kg	<25.0	1500	1500	1350	1410	90	94	62-130	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1500	1500	1840	1770	122	118	64-137	4	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1500	1500	1540	1700	102	113	70-130	10	20	
1,1-Dichloroethane	ug/kg	<25.0	1500	1500	1530	1510	102	101	65-132	1	20	
1,1-Dichloroethene	ug/kg	<25.0	1500	1500	1360	1560	90	104	50-128	14	21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1500	1500	1890	1900	126	126	51-148	0	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1500	1500	1550	1590	103	106	43-134	3	23	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1500	1500	1550	1690	103	113	70-130	9	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1500	1500	1720	1710	114	114	70-130	1	20	
1,2-Dichloroethane	ug/kg	<25.0	1500	1500	1390	1360	92	91	65-139	2	20	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Parameter	Units	1762939		1762940		MS % Rec	MSD % Rec	% Rec	Limits	RPD	Max RPD	Qual
		40176742005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
1,2-Dichloropropane	ug/kg	<25.0	1500	1500	1500	1580	99	105	74-128	5	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1500	1500	1690	1750	113	116	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1500	1500	1720	1630	115	109	70-130	5	20	
Benzene	ug/kg	<25.0	1500	1500	1550	1600	103	106	66-132	3	20	
Bromodichloromethane	ug/kg	<25.0	1500	1500	1500	1530	100	101	69-130	2	20	
Bromoform	ug/kg	<25.0	1500	1500	1610	1580	107	105	57-130	1	20	
Bromomethane	ug/kg	<69.9	1500	1500	1740	1690	115	113	34-145	2	20	
Carbon tetrachloride	ug/kg	<25.0	1500	1500	1380	1390	91	92	54-133	1	20	
Chlorobenzene	ug/kg	<25.0	1500	1500	1490	1530	99	102	70-130	3	20	
Chloroethane	ug/kg	<67.0	1500	1500	1950	1970	130	131	33-165	1	20	
Chloroform	ug/kg	<46.4	1500	1500	1390	1510	93	100	72-128	8	20	
Chloromethane	ug/kg	<25.0	1500	1500	1070	1060	71	70	20-120	1	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1500	1500	1550	1620	103	107	69-130	4	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1500	1500	1460	1510	97	100	65-130	3	20	
Dibromochloromethane	ug/kg	<25.0	1500	1500	1450	1630	96	108	65-130	12	20	
Dichlorodifluoromethane	ug/kg	<25.0	1500	1500	802	854	53	57	10-109	6	29	
Ethylbenzene	ug/kg	<25.0	1500	1500	1440	1560	96	103	63-127	8	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1500	1500	1420	1550	94	103	66-130	9	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1500	1500	1670	1610	111	107	62-135	4	20	
Methylene Chloride	ug/kg	48.5J	1500	1500	1750	1810	113	117	68-129	3	20	
Styrene	ug/kg	<25.0	1500	1500	1490	1580	99	105	70-130	6	20	
Tetrachloroethene	ug/kg	<25.0	1500	1500	1340	1440	89	96	70-130	7	20	
Toluene	ug/kg	<25.0	1500	1500	1520	1630	101	108	80-123	7	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1500	1500	1620	1620	108	108	70-130	0	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1500	1500	1610	1660	107	111	67-130	3	20	
Trichloroethene	ug/kg	<25.0	1500	1500	1470	1420	98	94	70-130	4	20	
Trichlorofluoromethane	ug/kg	<25.0	1500	1500	1470	1470	98	98	41-134	0	26	
Vinyl chloride	ug/kg	<25.0	1500	1500	1250	1290	83	86	39-122	3	20	
Xylene (Total)	ug/kg	<75.0	4510	4510	4530	4850	100	107	69-130	7	20	
4-Bromofluorobenzene (S)	%						103	105	48-130			
Dibromofluoromethane (S)	%						126	122	57-148			
Toluene-d8 (S)	%						118	121	58-142			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

QC Batch: 301851 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 40176742017, 40176742018

METHOD BLANK: 1763147 Matrix: Water  
Associated Lab Samples: 40176742017, 40176742018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	10/02/18 09:27	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	10/02/18 09:27	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	10/02/18 09:27	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	10/02/18 09:27	
1,1-Dichloroethane	ug/L	<0.27	1.0	10/02/18 09:27	
1,1-Dichloroethene	ug/L	<0.24	1.0	10/02/18 09:27	
1,1-Dichloropropene	ug/L	<0.54	1.8	10/02/18 09:27	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	10/02/18 09:27	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	10/02/18 09:27	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/02/18 09:27	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	10/02/18 09:27	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	10/02/18 09:27	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	10/02/18 09:27	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	10/02/18 09:27	
1,2-Dichloroethane	ug/L	<0.28	1.0	10/02/18 09:27	
1,2-Dichloropropane	ug/L	<0.28	1.0	10/02/18 09:27	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	10/02/18 09:27	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	10/02/18 09:27	
1,3-Dichloropropane	ug/L	<0.83	2.8	10/02/18 09:27	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	10/02/18 09:27	
2,2-Dichloropropane	ug/L	<2.3	7.6	10/02/18 09:27	
2-Chlorotoluene	ug/L	<0.93	5.0	10/02/18 09:27	
4-Chlorotoluene	ug/L	<0.76	2.5	10/02/18 09:27	
Benzene	ug/L	<0.25	1.0	10/02/18 09:27	
Bromobenzene	ug/L	<0.24	1.0	10/02/18 09:27	
Bromochloromethane	ug/L	<0.36	5.0	10/02/18 09:27	
Bromodichloromethane	ug/L	<0.36	1.2	10/02/18 09:27	
Bromoform	ug/L	<4.0	13.2	10/02/18 09:27	
Bromomethane	ug/L	<0.97	5.0	10/02/18 09:27	
Carbon tetrachloride	ug/L	<0.17	1.0	10/02/18 09:27	
Chlorobenzene	ug/L	<0.71	2.4	10/02/18 09:27	
Chloroethane	ug/L	<1.3	5.0	10/02/18 09:27	
Chloroform	ug/L	<1.3	5.0	10/02/18 09:27	
Chloromethane	ug/L	<2.2	7.3	10/02/18 09:27	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	10/02/18 09:27	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	10/02/18 09:27	
Dibromochloromethane	ug/L	<2.6	8.7	10/02/18 09:27	
Dibromomethane	ug/L	<0.94	3.1	10/02/18 09:27	
Dichlorodifluoromethane	ug/L	<0.50	5.0	10/02/18 09:27	
Diisopropyl ether	ug/L	<1.9	6.3	10/02/18 09:27	
Ethylbenzene	ug/L	<0.22	1.0	10/02/18 09:27	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

METHOD BLANK: 1763147

Matrix: Water

Associated Lab Samples: 40176742017, 40176742018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	10/02/18 09:27	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	10/02/18 09:27	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	10/02/18 09:27	
Methylene Chloride	ug/L	<0.58	5.0	10/02/18 09:27	
n-Butylbenzene	ug/L	<0.71	2.4	10/02/18 09:27	
n-Propylbenzene	ug/L	<0.81	5.0	10/02/18 09:27	
Naphthalene	ug/L	<1.2	5.0	10/02/18 09:27	
p-Isopropyltoluene	ug/L	<0.80	2.7	10/02/18 09:27	
sec-Butylbenzene	ug/L	<0.85	5.0	10/02/18 09:27	
Styrene	ug/L	<0.47	1.6	10/02/18 09:27	
tert-Butylbenzene	ug/L	<0.30	1.0	10/02/18 09:27	
Tetrachloroethene	ug/L	<0.33	1.1	10/02/18 09:27	
Toluene	ug/L	<0.17	5.0	10/02/18 09:27	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	10/02/18 09:27	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	10/02/18 09:27	
Trichloroethene	ug/L	<0.26	1.0	10/02/18 09:27	
Trichlorofluoromethane	ug/L	<0.21	1.0	10/02/18 09:27	
Vinyl chloride	ug/L	<0.17	1.0	10/02/18 09:27	
Xylene (Total)	ug/L	<1.5	3.0	10/02/18 09:27	
4-Bromofluorobenzene (S)	%	92	70-130	10/02/18 09:27	
Dibromofluoromethane (S)	%	107	70-130	10/02/18 09:27	
Toluene-d8 (S)	%	94	70-130	10/02/18 09:27	

LABORATORY CONTROL SAMPLE: 1763148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	59.3	119	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	51.8	104	67-130	
1,1,2-Trichloroethane	ug/L	50	54.7	109	70-130	
1,1-Dichloroethane	ug/L	50	57.9	116	70-134	
1,1-Dichloroethene	ug/L	50	48.7	97	75-132	
1,2,4-Trichlorobenzene	ug/L	50	52.0	104	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	52.8	106	70-130	
1,2-Dichlorobenzene	ug/L	50	54.3	109	70-130	
1,2-Dichloroethane	ug/L	50	55.9	112	73-134	
1,2-Dichloropropane	ug/L	50	55.5	111	79-128	
1,3-Dichlorobenzene	ug/L	50	53.5	107	70-130	
1,4-Dichlorobenzene	ug/L	50	52.1	104	70-130	
Benzene	ug/L	50	50.8	102	69-137	
Bromodichloromethane	ug/L	50	54.7	109	70-130	
Bromoform	ug/L	50	56.8	114	64-133	
Bromomethane	ug/L	50	22.0	44	29-123	
Carbon tetrachloride	ug/L	50	58.5	117	73-142	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

LABORATORY CONTROL SAMPLE: 1763148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	54.0	108	70-130	
Chloroethane	ug/L	50	37.8	76	59-133	
Chloroform	ug/L	50	56.1	112	80-129	
Chloromethane	ug/L	50	17.0	34	27-125	
cis-1,2-Dichloroethene	ug/L	50	53.1	106	70-134	
cis-1,3-Dichloropropene	ug/L	50	53.4	107	70-130	
Dibromochloromethane	ug/L	50	54.0	108	70-130	
Dichlorodifluoromethane	ug/L	50	6.1	12	12-127	
Ethylbenzene	ug/L	50	54.8	110	86-127	
Isopropylbenzene (Cumene)	ug/L	50	57.7	115	70-130	
Methyl-tert-butyl ether	ug/L	50	53.7	107	65-136	
Methylene Chloride	ug/L	50	51.0	102	72-133	
Styrene	ug/L	50	58.8	118	70-130	
Tetrachloroethene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	52.7	105	84-124	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	70-133	
trans-1,3-Dichloropropene	ug/L	50	50.6	101	67-130	
Trichloroethene	ug/L	50	55.9	112	70-130	
Trichlorofluoromethane	ug/L	50	48.7	97	69-147	
Vinyl chloride	ug/L	50	28.8	58	48-134	
Xylene (Total)	ug/L	150	170	113	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			108	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1763372 1763373

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40176808005 Result	Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<0.24	50	50	49.7	56.0	99	112	70-136	12	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	44.6	54.8	89	110	67-133	21	20	R1
1,1,2-Trichloroethane	ug/L	<0.55	50	50	46.9	57.4	94	115	70-130	20	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	49.5	58.7	99	117	70-139	17	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	41.7	48.3	83	97	72-137	15	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	44.3	54.1	89	108	68-130	20	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	43.4	53.4	87	107	60-130	21	21	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	46.4	55.8	93	112	70-130	18	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	47.3	56.8	95	114	70-130	18	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	47.7	57.1	95	114	71-137	18	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	47.4	58.0	95	116	78-130	20	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	47.5	56.5	95	113	70-130	17	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	47.2	55.3	94	111	70-130	16	20	
Benzene	ug/L	<0.25	50	50	42.8	51.2	86	102	66-143	18	20	
Bromodichloromethane	ug/L	<0.36	50	50	48.2	58.3	96	117	70-130	19	20	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Parameter	Units	40176808005		1763372		1763373		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Bromoform	ug/L	<4.0	50	50	48.8	62.1	98	124	64-134	24	20	R1	
Bromomethane	ug/L	<0.97	50	50	20.1	23.5	39	46	29-136	16	25		
Carbon tetrachloride	ug/L	<0.17	50	50	49.5	59.2	99	118	73-142	18	20		
Chlorobenzene	ug/L	<0.71	50	50	47.5	56.7	95	113	70-130	18	20		
Chloroethane	ug/L	<1.3	50	50	32.1	35.2	64	70	58-138	9	20		
Chloroform	ug/L	<1.3	50	50	48.3	54.1	97	108	80-131	11	20		
Chloromethane	ug/L	<2.2	50	50	13.2	14.1	26	28	24-125	7	20		
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	46.4	52.2	93	104	68-137	12	22		
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	45.7	55.9	91	112	70-130	20	20		
Dibromochloromethane	ug/L	<2.6	50	50	48.0	59.1	96	118	70-131	21	20	R1	
Dichlorodifluoromethane	ug/L	<0.50	50	50	4.2J	4.2J	8	8	10-127		20	M1	
Ethylbenzene	ug/L	<0.22	50	50	48.6	57.5	97	115	81-136	17	20		
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	50.7	60.7	101	121	70-132	18	20		
Methyl-tert-butyl ether	ug/L	<1.2	50	50	45.6	54.9	91	110	58-142	19	23		
Methylene Chloride	ug/L	<0.58	50	50	43.6	51.7	87	103	69-137	17	20		
Styrene	ug/L	<0.47	50	50	50.1	61.4	100	123	70-130	20	20		
Tetrachloroethene	ug/L	5.0	50	50	52.9	62.4	96	115	70-132	16	20		
Toluene	ug/L	0.37J	50	50	46.4	55.8	92	111	81-130	18	20		
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	44.9	52.4	90	105	70-136	15	20		
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	43.5	53.0	87	106	67-130	20	20		
Trichloroethene	ug/L	<0.26	50	50	48.7	59.2	97	118	70-131	19	20		
Trichlorofluoromethane	ug/L	<0.21	50	50	40.8	46.4	82	93	66-150	13	20		
Vinyl chloride	ug/L	<0.17	50	50	22.7	24.9	45	50	46-134	9	20	M1	
Xylene (Total)	ug/L	<1.5	150	150	149	181	100	120	70-134	19	20		
4-Bromofluorobenzene (S)	%						103	103	70-130				
Dibromofluoromethane (S)	%						108	104	70-130				
Toluene-d8 (S)	%						95	96	70-130				

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

QC Batch: 302165 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40176742001, 40176742002, 40176742003, 40176742004, 40176742005, 40176742006, 40176742007, 40176742008, 40176742009

METHOD BLANK: 1764749 Matrix: Solid  
Associated Lab Samples: 40176742001, 40176742002, 40176742003, 40176742004, 40176742005, 40176742006, 40176742007, 40176742008, 40176742009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	10/04/18 12:00	
2-Methylnaphthalene	ug/kg	<5.0	16.7	10/04/18 12:00	
Acenaphthene	ug/kg	<3.9	12.9	10/04/18 12:00	
Acenaphthylene	ug/kg	<3.3	11.0	10/04/18 12:00	
Anthracene	ug/kg	<5.7	19.0	10/04/18 12:00	
Benzo(a)anthracene	ug/kg	<3.2	10.6	10/04/18 12:00	
Benzo(a)pyrene	ug/kg	<2.5	8.4	10/04/18 12:00	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	10/04/18 12:00	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	10/04/18 12:00	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	10/04/18 12:00	
Chrysene	ug/kg	<3.4	11.2	10/04/18 12:00	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	10/04/18 12:00	
Fluoranthene	ug/kg	<5.2	17.4	10/04/18 12:00	
Fluorene	ug/kg	<4.1	13.8	10/04/18 12:00	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	10/04/18 12:00	
Naphthalene	ug/kg	<8.4	28.1	10/04/18 12:00	
Phenanthrene	ug/kg	<11.6	38.8	10/04/18 12:00	
Pyrene	ug/kg	<4.5	15.0	10/04/18 12:00	
2-Fluorobiphenyl (S)	%	74	10-115	10/04/18 12:00	
Terphenyl-d14 (S)	%	72	10-121	10/04/18 12:00	

LABORATORY CONTROL SAMPLE: 1764750

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	287	86	45-103	
2-Methylnaphthalene	ug/kg	333	264	79	43-98	
Acenaphthene	ug/kg	333	270	81	43-100	
Acenaphthylene	ug/kg	333	272	81	40-100	
Anthracene	ug/kg	333	274	82	50-113	
Benzo(a)anthracene	ug/kg	333	245	73	49-102	
Benzo(a)pyrene	ug/kg	333	272	82	51-105	
Benzo(b)fluoranthene	ug/kg	333	252	76	49-105	
Benzo(g,h,i)perylene	ug/kg	333	260	78	34-113	
Benzo(k)fluoranthene	ug/kg	333	296	89	54-110	
Chrysene	ug/kg	333	280	84	55-116	
Dibenz(a,h)anthracene	ug/kg	333	258	77	45-108	
Fluoranthene	ug/kg	333	286	86	50-118	
Fluorene	ug/kg	333	282	85	41-103	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

LABORATORY CONTROL SAMPLE: 1764750

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	333	259	78	43-115	
Naphthalene	ug/kg	333	256	77	44-92	
Phenanthrene	ug/kg	333	258	77	51-104	
Pyrene	ug/kg	333	245	73	51-106	
2-Fluorobiphenyl (S)	%			78	10-115	
Terphenyl-d14 (S)	%			70	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1764751 1764752

Parameter	Units	40176585003		1764751		1764752		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec							
1-Methylnaphthalene	ug/kg	<4.7	386	386	250	262	65	68	21-105	5	30			
2-Methylnaphthalene	ug/kg	<5.8	386	386	239	247	62	64	18-103	3	29			
Acenaphthene	ug/kg	<4.5	386	386	234	247	61	64	31-100	5	28			
Acenaphthylene	ug/kg	<3.8	386	386	236	246	61	64	30-100	4	27			
Anthracene	ug/kg	<6.6	386	386	240	249	62	65	27-113	4	30			
Benzo(a)anthracene	ug/kg	<3.7	386	386	222	230	58	60	28-102	3	30			
Benzo(a)pyrene	ug/kg	<2.9	386	386	221	238	57	61	27-105	7	32			
Benzo(b)fluoranthene	ug/kg	<3.3	386	386	251	253	65	65	24-109	1	37			
Benzo(g,h,i)perylene	ug/kg	<2.4	386	386	244	266	63	69	10-113	9	38			
Benzo(k)fluoranthene	ug/kg	<2.9	386	386	242	257	63	67	35-110	6	31			
Chrysene	ug/kg	<3.9	386	386	246	259	63	67	29-116	5	29			
Dibenz(a,h)anthracene	ug/kg	<2.6	386	386	195	199	51	51	22-108	2	32			
Fluoranthene	ug/kg	<6.0	386	386	251	261	65	68	27-118	4	34			
Fluorene	ug/kg	<4.8	386	386	247	259	64	67	31-103	5	28			
Indeno(1,2,3-cd)pyrene	ug/kg	<2.5	386	386	213	223	55	58	18-115	4	33			
Naphthalene	ug/kg	<9.8	386	386	230	233	60	60	34-92	2	31			
Phenanthrene	ug/kg	<13.5	386	386	236	243	61	63	28-104	3	32			
Pyrene	ug/kg	<5.2	386	386	248	259	64	67	13-117	4	40			
2-Fluorobiphenyl (S)	%						59	59	10-115					
Terphenyl-d14 (S)	%						56	57	10-121					

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

QC Batch: 302166 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016

METHOD BLANK: 1764753 Matrix: Solid  
Associated Lab Samples: 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	10/04/18 14:48	
2-Methylnaphthalene	ug/kg	<5.0	16.7	10/04/18 14:48	
Acenaphthene	ug/kg	<3.9	12.9	10/04/18 14:48	
Acenaphthylene	ug/kg	<3.3	11.0	10/04/18 14:48	
Anthracene	ug/kg	<5.7	19.0	10/04/18 14:48	
Benzo(a)anthracene	ug/kg	<3.2	10.6	10/04/18 14:48	
Benzo(a)pyrene	ug/kg	<2.5	8.4	10/04/18 14:48	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	10/04/18 14:48	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	10/04/18 14:48	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	10/04/18 14:48	
Chrysene	ug/kg	<3.4	11.2	10/04/18 14:48	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	10/04/18 14:48	
Fluoranthene	ug/kg	<5.2	17.4	10/04/18 14:48	
Fluorene	ug/kg	<4.1	13.8	10/04/18 14:48	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	10/04/18 14:48	
Naphthalene	ug/kg	<8.4	28.1	10/04/18 14:48	
Phenanthrene	ug/kg	<11.6	38.8	10/04/18 14:48	
Pyrene	ug/kg	<4.5	15.0	10/04/18 14:48	
2-Fluorobiphenyl (S)	%	76	10-115	10/04/18 14:48	
Terphenyl-d14 (S)	%	87	10-121	10/04/18 14:48	

LABORATORY CONTROL SAMPLE: 1764754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	269	81	45-103	
2-Methylnaphthalene	ug/kg	333	259	78	43-98	
Acenaphthene	ug/kg	333	255	77	43-100	
Acenaphthylene	ug/kg	333	245	74	40-100	
Anthracene	ug/kg	333	267	80	50-113	
Benzo(a)anthracene	ug/kg	333	234	70	49-102	
Benzo(a)pyrene	ug/kg	333	264	79	51-105	
Benzo(b)fluoranthene	ug/kg	333	266	80	49-105	
Benzo(g,h,i)perylene	ug/kg	333	222	67	34-113	
Benzo(k)fluoranthene	ug/kg	333	292	88	54-110	
Chrysene	ug/kg	333	279	84	55-116	
Dibenz(a,h)anthracene	ug/kg	333	134	40	45-108 L2	
Fluoranthene	ug/kg	333	279	84	50-118	
Fluorene	ug/kg	333	252	76	41-103	
Indeno(1,2,3-cd)pyrene	ug/kg	333	179	54	43-115	
Naphthalene	ug/kg	333	238	72	44-92	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

LABORATORY CONTROL SAMPLE: 1764754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	266	80	51-104	
Pyrene	ug/kg	333	270	81	51-106	
2-Fluorobiphenyl (S)	%			77	10-115	
Terphenyl-d14 (S)	%			72	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1764755 1764756

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40176745004 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	ug/kg	<4.6	383	382	261	238	68	21-105	9	30	
2-Methylnaphthalene	ug/kg	<5.7	383	382	250	232	65	18-103	8	29	
Acenaphthene	ug/kg	<4.5	383	382	269	250	70	31-100	7	28	
Acenaphthylene	ug/kg	<3.8	383	382	256	239	67	30-100	7	27	
Anthracene	ug/kg	<6.5	383	382	277	263	72	27-113	5	30	
Benzo(a)anthracene	ug/kg	<3.6	383	382	257	247	67	28-102	4	30	
Benzo(a)pyrene	ug/kg	<2.9	383	382	276	237	72	27-105	15	32	
Benzo(b)fluoranthene	ug/kg	<3.2	383	382	286	267	75	24-109	7	37	
Benzo(g,h,i)perylene	ug/kg	<2.3	383	382	244	231	64	10-113	5	38	
Benzo(k)fluoranthene	ug/kg	<2.9	383	382	327	313	85	35-110	4	31	
Chrysene	ug/kg	<3.9	383	382	314	310	82	29-116	1	29	
Dibenz(a,h)anthracene	ug/kg	<2.6	383	382	135	124	35	22-108	8	32	
Fluoranthene	ug/kg	<6.0	383	382	298	284	78	27-118	5	34	
Fluorene	ug/kg	<4.7	383	382	268	256	70	31-103	4	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.5	383	382	182	179	47	18-115	2	33	
Naphthalene	ug/kg	<9.7	383	382	221	211	58	34-92	5	31	
Phenanthrene	ug/kg	<13.4	383	382	286	270	75	28-104	5	32	
Pyrene	ug/kg	<5.2	383	382	307	291	80	13-117	5	40	
2-Fluorobiphenyl (S)	%						65	10-115			
Terphenyl-d14 (S)	%						68	10-121			

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

QC Batch: 302021 Analysis Method: EPA 8270 by HVI  
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by HVI  
Associated Lab Samples: 40176742017, 40176742018

METHOD BLANK: 1763937 Matrix: Water  
Associated Lab Samples: 40176742017, 40176742018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	10/03/18 11:46	
2-Methylnaphthalene	ug/L	<0.0049	0.024	10/03/18 11:46	
Acenaphthene	ug/L	<0.0061	0.030	10/03/18 11:46	
Acenaphthylene	ug/L	<0.0050	0.025	10/03/18 11:46	
Anthracene	ug/L	<0.010	0.052	10/03/18 11:46	
Benzo(a)anthracene	ug/L	<0.0076	0.038	10/03/18 11:46	
Benzo(a)pyrene	ug/L	<0.011	0.053	10/03/18 11:46	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	10/03/18 11:46	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	10/03/18 11:46	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	10/03/18 11:46	
Chrysene	ug/L	<0.013	0.065	10/03/18 11:46	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	10/03/18 11:46	
Fluoranthene	ug/L	<0.011	0.053	10/03/18 11:46	
Fluorene	ug/L	<0.0080	0.040	10/03/18 11:46	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	10/03/18 11:46	
Naphthalene	ug/L	<0.018	0.092	10/03/18 11:46	
Phenanthrene	ug/L	<0.014	0.069	10/03/18 11:46	
Pyrene	ug/L	<0.0076	0.038	10/03/18 11:46	
2-Fluorobiphenyl (S)	%	64	29-80	10/03/18 11:46	
Terphenyl-d14 (S)	%	118	10-123	10/03/18 11:46	

LABORATORY CONTROL SAMPLE: 1763938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.2	59	50-91	
2-Methylnaphthalene	ug/L	2	1.2	61	48-89	
Acenaphthene	ug/L	2	1.3	65	48-120	
Acenaphthylene	ug/L	2	1.3	63	44-84	
Anthracene	ug/L	2	1.7	86	57-120	
Benzo(a)anthracene	ug/L	2	1.2	62	33-108	
Benzo(a)pyrene	ug/L	2	1.5	74	55-108	
Benzo(b)fluoranthene	ug/L	2	1.5	73	47-106	
Benzo(g,h,i)perylene	ug/L	2	1.1	54	20-75	
Benzo(k)fluoranthene	ug/L	2	1.6	82	50-116	
Chrysene	ug/L	2	1.9	95	64-140	
Dibenz(a,h)anthracene	ug/L	2	0.89	44	14-70	
Fluoranthene	ug/L	2	1.6	80	61-112	
Fluorene	ug/L	2	1.4	69	53-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.4	68	43-105	
Naphthalene	ug/L	2	1.2	58	38-90	

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

LABORATORY CONTROL SAMPLE: 1763938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	2	1.5	75	47-105	
Pyrene	ug/L	2	1.8	91	62-119	
2-Fluorobiphenyl (S)	%			61	29-80	
Terphenyl-d14 (S)	%			92	10-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1763939 1763940

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual	
		40176689004 Result	Spike Conc.	Spike Conc.	MS Result				MSD Result	RPD		RPD
1-Methylnaphthalene	ug/L	<0.0062	2.1	2.2	1.2	0.96	59	45	41-93	25	24	R1
2-Methylnaphthalene	ug/L	0.0057J	2.1	2.2	1.3	1.0	63	48	45-120	24	28	
Acenaphthene	ug/L	0.053	2.1	2.2	1.4	0.99	63	43	38-120	32	23	R1
Acenaphthylene	ug/L	<0.0052	2.1	2.2	1.3	0.95	62	44	33-84	30	25	R1
Anthracene	ug/L	<0.011	2.1	2.2	1.5	0.80	73	37	37-120	62	27	R1
Benzo(a)anthracene	ug/L	<0.0079	2.1	2.2	1.4	0.77	66	35	10-108	58	31	R1
Benzo(a)pyrene	ug/L	<0.011	2.1	2.2	1.4	0.86	68	40	10-108	49	29	R1
Benzo(b)fluoranthene	ug/L	<0.0060	2.1	2.2	1.5	0.86	71	40	10-106	54	27	R1
Benzo(g,h,i)perylene	ug/L	<0.0071	2.1	2.2	0.74	0.37	36	17	10-120	67	33	R1
Benzo(k)fluoranthene	ug/L	<0.0079	2.1	2.2	1.4	0.87	69	41	10-116	49	28	R1
Chrysene	ug/L	<0.014	2.1	2.2	1.8	1.2	87	56	19-140	40	30	R1
Dibenz(a,h)anthracene	ug/L	<0.011	2.1	2.2	0.65	0.30	31	14	10-120	73	40	R1
Fluoranthene	ug/L	0.018J	2.1	2.2	1.5	0.95	71	43	38-112	45	28	R1
Fluorene	ug/L	<0.0084	2.1	2.2	1.5	0.98	70	46	42-120	39	25	R1
Indeno(1,2,3-cd)pyrene	ug/L	<0.019	2.1	2.2	1.1	0.62	55	29	10-105	59	30	R1
Naphthalene	ug/L	<0.019	2.1	2.2	1.2	1.0	58	46	38-120	20	26	
Phenanthrene	ug/L	<0.015	2.1	2.2	1.5	1.0	73	46	39-105	42	24	R1
Pyrene	ug/L	0.033J	2.1	2.2	2.0	1.3	95	58	38-119	45	32	R1
2-Fluorobiphenyl (S)	%						60	44	29-80			
Terphenyl-d14 (S)	%						95	57	10-123			

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### QUALITY CONTROL DATA

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

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QC Batch:	302064	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40176742008, 40176742009, 40176742010, 40176742011, 40176742012, 40176742013, 40176742014, 40176742015, 40176742016		

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SAMPLE DUPLICATE: 1764216

Parameter	Units	40176742014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.3	20.9	8	10	

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## QUALIFIERS

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.  
ND - Not Detected at or above LOD.  
J - Estimated concentration at or above the LOD and below the LOQ.  
LOD - Limit of Detection adjusted for dilution factor and percent moisture.  
LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.  
S - Surrogate  
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.  
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.  
LCS(D) - Laboratory Control Sample (Duplicate)  
MS(D) - Matrix Spike (Duplicate)  
DUP - Sample Duplicate  
RPD - Relative Percent Difference  
NC - Not Calculable.  
SG - Silica Gel - Clean-Up  
U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.  
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.  
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.  
TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.  
L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.  
M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.  
M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.  
R1 RPD value was outside control limits.  
W Non-detect results are reported on a wet weight basis.  
pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25218096 VOIT FARM  
Pace Project No.: 40176742

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40176742001	GP1 (7.5-10)	EPA 3050	301943	EPA 6010	302163
40176742002	GP1 (26-28)	EPA 3050	301943	EPA 6010	302163
40176742003	GP2 (12.5-15)	EPA 3050	301943	EPA 6010	302163
40176742004	GP2 (22.5-25)	EPA 3050	301943	EPA 6010	302163
40176742005	GP3 (5-7.5)	EPA 3050	301943	EPA 6010	302163
40176742006	GP4 (2.5-5)	EPA 3050	301943	EPA 6010	302163
40176742007	GP4 (7.5-10)	EPA 3050	301943	EPA 6010	302163
40176742008	GP5 (7.5-10)	EPA 3050	302598	EPA 6010	302827
40176742009	GP5 (17.5-20)	EPA 3050	302598	EPA 6010	302827
40176742010	GP6 (10-12.5)	EPA 3050	302598	EPA 6010	302827
40176742011	GP12 (S4) (7.5-10)	EPA 3050	302598	EPA 6010	302827
40176742012	GP7 (S1) (0-2.5)	EPA 3050	302598	EPA 6010	302827
40176742013	GP8 (S1) (0-2.5)	EPA 3050	302598	EPA 6010	302827
40176742014	GP9 (S1) (0-2.5)	EPA 3050	302598	EPA 6010	302827
40176742015	GP10 (S2) (2.5-5)	EPA 3050	302598	EPA 6010	302827
40176742016	GP11 (S3) (5-7.5)	EPA 3050	302598	EPA 6010	302827
40176742017	GP-2 (GW)	EPA 6010	303045		
40176742018	GP-9 (GW)	EPA 6010	303045		
40176742017	GP-2 (GW)	EPA 7470	302417	EPA 7470	302518
40176742018	GP-9 (GW)	EPA 7470	302417	EPA 7470	302518
40176742001	GP1 (7.5-10)	EPA 7471	302769	EPA 7471	302892
40176742002	GP1 (26-28)	EPA 7471	302769	EPA 7471	302892
40176742003	GP2 (12.5-15)	EPA 7471	302769	EPA 7471	302892
40176742004	GP2 (22.5-25)	EPA 7471	302769	EPA 7471	302892
40176742005	GP3 (5-7.5)	EPA 7471	302769	EPA 7471	302892
40176742006	GP4 (2.5-5)	EPA 7471	302769	EPA 7471	302892
40176742007	GP4 (7.5-10)	EPA 7471	302769	EPA 7471	302892
40176742008	GP5 (7.5-10)	EPA 7471	302769	EPA 7471	302892
40176742009	GP5 (17.5-20)	EPA 7471	302769	EPA 7471	302892
40176742010	GP6 (10-12.5)	EPA 7471	302769	EPA 7471	302892
40176742011	GP12 (S4) (7.5-10)	EPA 7471	302769	EPA 7471	302892
40176742012	GP7 (S1) (0-2.5)	EPA 7471	302769	EPA 7471	302892
40176742013	GP8 (S1) (0-2.5)	EPA 7471	302769	EPA 7471	302892
40176742014	GP9 (S1) (0-2.5)	EPA 7471	302769	EPA 7471	302892
40176742015	GP10 (S2) (2.5-5)	EPA 7471	302769	EPA 7471	302892
40176742016	GP11 (S3) (5-7.5)	EPA 7471	302769	EPA 7471	302892
40176742001	GP1 (7.5-10)	EPA 3546	302165	EPA 8270 by SIM	302199
40176742002	GP1 (26-28)	EPA 3546	302165	EPA 8270 by SIM	302199
40176742003	GP2 (12.5-15)	EPA 3546	302165	EPA 8270 by SIM	302199
40176742004	GP2 (22.5-25)	EPA 3546	302165	EPA 8270 by SIM	302199
40176742005	GP3 (5-7.5)	EPA 3546	302165	EPA 8270 by SIM	302199
40176742006	GP4 (2.5-5)	EPA 3546	302165	EPA 8270 by SIM	302199
40176742007	GP4 (7.5-10)	EPA 3546	302165	EPA 8270 by SIM	302199
40176742008	GP5 (7.5-10)	EPA 3546	302165	EPA 8270 by SIM	302199
40176742009	GP5 (17.5-20)	EPA 3546	302165	EPA 8270 by SIM	302199
40176742010	GP6 (10-12.5)	EPA 3546	302166	EPA 8270 by SIM	302225

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25218096 VOIT FARM

Pace Project No.: 40176742

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40176742011	GP12 (S4) (7.5-10)	EPA 3546	302166	EPA 8270 by SIM	302225
40176742012	GP7 (S1) (0-2.5)	EPA 3546	302166	EPA 8270 by SIM	302225
40176742013	GP8 (S1) (0-2.5)	EPA 3546	302166	EPA 8270 by SIM	302225
40176742014	GP9 (S1) (0-2.5)	EPA 3546	302166	EPA 8270 by SIM	302225
40176742015	GP10 (S2) (2.5-5)	EPA 3546	302166	EPA 8270 by SIM	302225
40176742016	GP11 (S3) (5-7.5)	EPA 3546	302166	EPA 8270 by SIM	302225
40176742017	GP-2 (GW)	EPA 3510	302021	EPA 8270 by HVI	302075
40176742018	GP-9 (GW)	EPA 3510	302021	EPA 8270 by HVI	302075
40176742001	GP1 (7.5-10)	EPA 5035/5030B	301797	EPA 8260	301802
40176742002	GP1 (26-28)	EPA 5035/5030B	301797	EPA 8260	301802
40176742003	GP2 (12.5-15)	EPA 5035/5030B	301797	EPA 8260	301802
40176742004	GP2 (22.5-25)	EPA 5035/5030B	301797	EPA 8260	301802
40176742005	GP3 (5-7.5)	EPA 5035/5030B	301797	EPA 8260	301802
40176742006	GP4 (2.5-5)	EPA 5035/5030B	301797	EPA 8260	301802
40176742007	GP4 (7.5-10)	EPA 5035/5030B	301797	EPA 8260	301802
40176742008	GP5 (7.5-10)	EPA 5035/5030B	301797	EPA 8260	301802
40176742009	GP5 (17.5-20)	EPA 5035/5030B	301797	EPA 8260	301802
40176742010	GP6 (10-12.5)	EPA 5035/5030B	301797	EPA 8260	301802
40176742011	GP12 (S4) (7.5-10)	EPA 5035/5030B	301797	EPA 8260	301802
40176742012	GP7 (S1) (0-2.5)	EPA 5035/5030B	301797	EPA 8260	301802
40176742013	GP8 (S1) (0-2.5)	EPA 5035/5030B	301797	EPA 8260	301802
40176742014	GP9 (S1) (0-2.5)	EPA 5035/5030B	301797	EPA 8260	301802
40176742015	GP10 (S2) (2.5-5)	EPA 5035/5030B	301797	EPA 8260	301802
40176742016	GP11 (S3) (5-7.5)	EPA 5035/5030B	301797	EPA 8260	301802
40176742017	GP-2 (GW)	EPA 8260	301851		
40176742018	GP-9 (GW)	EPA 8260	301851		
40176742001	GP1 (7.5-10)	ASTM D2974-87	302057		
40176742002	GP1 (26-28)	ASTM D2974-87	302057		
40176742003	GP2 (12.5-15)	ASTM D2974-87	302057		
40176742004	GP2 (22.5-25)	ASTM D2974-87	302057		
40176742005	GP3 (5-7.5)	ASTM D2974-87	302057		
40176742006	GP4 (2.5-5)	ASTM D2974-87	302057		
40176742007	GP4 (7.5-10)	ASTM D2974-87	302057		
40176742008	GP5 (7.5-10)	ASTM D2974-87	302064		
40176742009	GP5 (17.5-20)	ASTM D2974-87	302064		
40176742010	GP6 (10-12.5)	ASTM D2974-87	302064		
40176742011	GP12 (S4) (7.5-10)	ASTM D2974-87	302064		
40176742012	GP7 (S1) (0-2.5)	ASTM D2974-87	302064		
40176742013	GP8 (S1) (0-2.5)	ASTM D2974-87	302064		
40176742014	GP9 (S1) (0-2.5)	ASTM D2974-87	302064		
40176742015	GP10 (S2) (2.5-5)	ASTM D2974-87	302064		
40176742016	GP11 (S3) (5-7.5)	ASTM D2974-87	302064		

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

Company Name: **SSS Engineers**  
 Branch/Location: **25 Madison**  
 Project Contact: **Tony Kollisch**  
 Phone: **401-767-7381**  
 Project Number: **6-25-18016**  
 Project Name: **Lot 1 Town**  
 Project State: **VT**  
 Sampled By (Print): **T. Kollisch**  
 Sampled By (Sign): *[Signature]*  
 PO #: **Regulatory Program**

Data Package Options  
 EPA Level III  
 EPA Level IV  
 On your sample (billable)  
 NOT needed on your sample

PAGE LAB #	CLIENT FIELD ID	DATE	COLLECTION TIME	MATRIX
001	CP1 (2.5-10)	9-27	9:25	S
002	GP1 (2.5-2.5)	9-27	9:30	S
003	GP2 (12.5-15)	9-27	11:42	S
004	GP2 (22.5-25)	9-27	11:45	S
005	GP3 (5-7.5)	9-27	13:30	S
006	GP4 (2.5-5)	9-27	14:40	S
007	GP4 (7.5-10)	9-27	14:45	S
008	GP5 (7.5-10)	9-27	15:45	S
009	GP5 (17.5-20)	9-27	15:50	S
010	GP6 (10-12.5)	9-27	16:50	S
011	GP12 (5-10)	9-27	09:00	S
012	GP7(S1)(0.2-5)	9-27	16:30	S
013	GP8(S1)(0.2-5)	9-27	11:00	S

Matrix Codes: W=Water, DW=Drinking Water, C=Chloral, O=Oil, S=Soil, SI=Sludge, V=Vials  
 FILTERED? (YES/NO) \_\_\_\_\_  
 PRESERVATION (CODE) \_\_\_\_\_  
 A=None, B=HCL, C=H2SO4, H= Sodium Bisulfate Solution, D=HNO3, E=DI Water, I= Sodium Thiosulfate, J=Other, F=Mercuric, G=NaOH

# CHAIN OF CUSTODY



UPPER MIDWEST REGION  
MN: 612-607-1700 WI: 920-469-2436

Y/N	PH	LAB	ANALYSIS REQUESTED
F	A	A	UOCS
			PAHs
			Metals

Requester By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	9/27/18 16:30	<i>[Signature]</i>	9/27/18 15:15
<i>[Signature]</i>	9/27/18 08:40	<i>[Signature]</i>	9/27/18 16:27

Quote #: \_\_\_\_\_  
 Mail To Contact: **Tony Kollisch**  
 Mail To Company: **SSS Engineers**  
 Mail To Address: **2530 Berry Drive Madison, VT 55716**

Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_  
 CLIENT COMMENTS: \_\_\_\_\_  
 LAB COMMENTS (Lab Use Only): \_\_\_\_\_  
 Profile #: \_\_\_\_\_

Receipt Temp: **120T °C**  
 Sample Receipt pH: \_\_\_\_\_  
 OK / Adjusted: \_\_\_\_\_  
 Cooler Custody Seal Present / Not Present: \_\_\_\_\_  
 Intact / Not Intact: \_\_\_\_\_

(Please Print Clearly)

Company Name: SCS Engineers

Branch/Location: 35 Madison

Project Contact: Tony Kollasch

Phone: 608-216-7381

Project Number: 25218096

Project Name: Volt Farm

Project State: WI

Sampled By (Print): T. Kollasch

Sampled By (Sign): T. Kollasch

PO #:

Data Package Options (checkboxes): EPA Level III, EPA Level IV

MS/MSD (checkboxes): On your sample, NOT needed on your sample

Matrix Codes (checkboxes): A=Air, B=Beats, C=Choochoi, D=Oil, S=Soil, W=Water, etc.

CLIENT FIELD ID: 014 GPP9 (51) (0-25), 015 GPD0 (52) (25-5), 016 GPD1 (53) (5-7.5)

DATE: 9/27, 9/29, 9/27

TIME: 1120, 1140, 1240

MATRIX: S, S, S

Analysis Requested: VOCs, PAHs, Metals

Requesting By: T. Kollasch

Date/Time: 9/27/08 1515

Received By: T. Kollasch

Date/Time: 9/28/08 0840

CHAIN OF CUSTODY

REGISTRATION CODES: A=None, B=HCL, C=H2SO4, D=HNO3, E=DI Water, F=Methanol, G=NaOH, H=Sodium Bisulfate Solution, I=Sodium Thiosulfate, J=Other

FILTERED/ PRESERVATION (CONC)

Table with columns: Y/N, Risk Level, Analysis Requested (VOCs, PAHs, Metals)



UPPER MIDWEST REGION MN: 612-807-1700 WI: 920-469-2436

Page 2 of 3 40176742 Page 95 of 98

Quote #:

Mail To Contact: T. Kollasch

Mail To Company: SCS

Mail To Address: 2830 Deniry Drive Madison WI 53718

Invoice To Contact:

Invoice To Company:

Invoice To Address:

Invoice To Phone:

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)

Profile #

FACE Project No. 46176742

Receipt Temp = 23.9 °C

Sample Receipt pH

Cooler Custody Seal Present / NOT Present Intact / Not Intact

(Please Print Clearly)

Company Name: **SOS Engineers**  
 Branch/Location: **85-Madison**  
 Project Contact: **Tony Kallasck**  
 Phone: **608-216-7381**  
 Project Number: **85218096**  
 Project Name: **Unit Farm**  
 Project State: **WI**  
 Sampled By (Print): **Walt Harris**  
 Sampled By (Sign): *[Signature]*  
 PO #: \_\_\_\_\_  
 Regulatory Program: \_\_\_\_\_



### CHAIN OF CUSTODY

ANONE B-HCL C-H2SO4 D-I-HNO3 E-DI Water F-Methanol G-NaOH  
 H-Sodium Bleach Solution I-Sodium Thiosulfate J-Other

FILTERED?  
(YES/NO)  
PRESERVATION  
(CODE)

#### Analyses Requested

DATE	TIME	MATRIX	VIN	TRAC	LAB	ANALYSES
9/21/18	1200	GW	X	X	X	VOCs PATS Metals
9/27	1130	GW	X	X	X	

Quote #: \_\_\_\_\_  
 Mail To Contact: **Tony Kallasck**  
 Mail To Company: **SOS Engineers**  
 Mail To Address: **8830 Dairy Drive  
Madison, WI 53718**  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_  
 CLIENT COMMENTS: \_\_\_\_\_  
 LAB COMMENTS (Lab Use Only): \_\_\_\_\_  
 Profile #: \_\_\_\_\_

Relinquished By: *[Signature]* Date/Time: **9/21/18 0840**  
 Relinquished By: **CS Pasidic** Date/Time: **9/28/18 0840**  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: *[Signature]* Date/Time: **9/21/18 1535**  
 Received By: *[Signature]* Date/Time: **9/28/18 0840**  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Special packing and release of liability

# Sample Preservation Receipt Form

Client Name: SCS

Project # 40176742

All containers needing preservation have been checked and noted below: Yes  No  N/A

Lab Lot# of pH paper: 12650781 Lab Lot# of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Analytical Services, LLC  
1241 Bellevue Street, Suite 309  
Green Bay, WI 54302

Page Lab #	Glass	Plastic	Vials	Jars	General	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (ml)
001												2.5 / 5 / 10
002												2.5 / 5 / 10
003												2.5 / 5 / 10
004												2.5 / 5 / 10
005												2.5 / 5 / 10
006												2.5 / 5 / 10
007												2.5 / 5 / 10
008												2.5 / 5 / 10
009												2.5 / 5 / 10
010												2.5 / 5 / 10
011												2.5 / 5 / 10
012												2.5 / 5 / 10
013												2.5 / 5 / 10
014												2.5 / 5 / 10
015												2.5 / 5 / 10
016												2.5 / 5 / 10
017			2									2.5 / 5 / 10
018			2									2.5 / 5 / 10
019												2.5 / 5 / 10
020												2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: \_\_\_\_\_

AG1U	BP1U	DG9A	JGFU	SP5T
1 liter amber glass	1 liter plastic unpres	40 ml amber ascorbic	4 oz amber jar unpres	120 ml plastic Na Thiosulfate
AG1H	BP2N	DG9T	WG9U	2PLC
1 liter amber glass HCL	500 ml plastic HNO3	40 ml clear vial unpres	4 oz clear jar unpres	ziploc bag
AG4S	BP2Z	VG9U	WPFU	
125 ml amber glass H2SO4	500 ml plastic NaOH, Znact	40 ml clear vial HCL	4 oz plastic jar unpres	
AG4U	BP3U	VG9H		
120 ml amber glass unpres	250 ml plastic unpres	40 ml clear vial MeOH		
AG5U	BP3C	VG9M		
100 ml amber glass unpres	250 ml plastic NaOH	40 ml clear vial DI		
AG2S	BP3N	VG9D		
500 ml amber glass H2SO4	250 ml plastic HNO3			
BP3S				
250 ml clear glass unpres	250 ml plastic H2SO4			



Document Name:  
**Sample Condition Upon Receipt (SCUR)**  
 Document No.:  
**F-GB-C-031-Rev.07**

Document Revised: 25Apr2018  
 Issuing Authority:  
**Pace Green Bay Quality Office**

**Sample Condition Upon Receipt Form (SCUR)**

Project #:

Client Name: JS engineers  
 Courier:  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 Client  Pace Other: \_\_\_\_\_

**WO#: 40176742**



Tracking #: \_\_\_\_\_  
 Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no  
 Custody Seal on Samples Present:  yes  no Seals intact:  yes  no  
 Packing Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_  
 Thermometer Used SR - N/A Type of Ice: Wet Blue Dry None  Samples on ice, cooling process has begun  
 Cooler Temperature Uncorr: Y02 Corr: \_\_\_\_\_

Temp Blank Present:  yes  no Biological Tissue is Frozen:  yes  no

Person examining contents:  
 Date: 9/28/18  
 Initials: \_\_\_\_\_

Temp should be above freezing to 0°C.  
 Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>inv014</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>016 - no depth</u> <u>011 - viol - no depth</u> <u>012 - 016 - no depth on viol or jar</u>
-Includes date/time/ID/Analysis Matrix: <u>SW</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

Project Manager Review: Ar G r DM Date: 9/28/18



## Attachment C

### WDNR Cumulative cPAH Calculator Results

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 4.3E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0757	(Cumulative) Cancer Risk 2.3E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0188			0.0001	3.4E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.348	3.03E-06	cPAH	0.0196	3.0E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0086			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0544				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0733			0.	
Benzo[a]anthracene	56-55-3	-	1.14	1.14	ca		0.306	2.68E-07	cPAH		2.7E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.336	2.92E-07	cPAH		2.9E-07
Benzo[k]fluoranthene	191-24-2	-	-	-	-		0.158				
Benzo[a,h]perylene	207-08-9	-	11.5	11.5	ca		0.384	3.34E-08	cPAH		3.3E-08
Chrysene	218-01-9	-	115.	115.	ca		0.329	2.86E-09	cPAH		2.9E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0637	5.54E-07	cPAH		5.5E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.517			0.0002	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0111			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.149	1.30E-07	cPAH		1.3E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0116			0.	6.6E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0183			0.0001	
Phenanthrene	85-01-8	-	-	-	-		0.171				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.453			0.0003	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	5.7				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	52.3				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.2				
Chromium, Total	7440-47-3	-	-	-	-	44.	10.8				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.035			0.0022	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	21.3				
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025			0.	
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025			0.	
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025			0.	
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.052			0.0001	8.4E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.37			0.0009	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">(Cumulative) cPAH Cancer Risk</td> <td style="width: 25%;">Number of Individual Exceedance</td> <td style="width: 25%;">(Cumulative) Hazard Index</td> <td style="width: 25%;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">4.3E-06</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.0757</td> <td style="text-align: center;">2.3E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	4.3E-06	2	0.0757	2.3E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
4.3E-06	2	0.0757	2.3E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 1/6/2016  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 9.9E-07	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0649	(Cumulative) Cancer Risk 1.9E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.256			0.0014	4.6E-08
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0921	8.01E-07	cPAH	0.0052	8.0E-07
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0315			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0148				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.089			0.	
Benzo[a]anthracene	56-55-3	-	1.14	1.14	ca		0.104	9.12E-08	cPAH		9.1E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0759	6.60E-08	cPAH		6.6E-08
Benzo[k]fluoranthene	191-24-2	-	-	-	-		0.105				
Benzo[a]anthracene	207-08-9	-	11.5	11.5	ca		0.0537	4.67E-09	cPAH		4.7E-09
Chrysene	218-01-9	-	115.	115.	ca		0.152	1.32E-09	cPAH		1.3E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0027	2.35E-08	cPAH		2.3E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.142			0.0001	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0535			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0075	6.52E-09	cPAH		6.5E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.321			0.0001	1.8E-08
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.45			0.0019	
Phenanthrene	85-01-8	-	-	-	-		0.484				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.167			0.0001	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	5.4				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	79.4				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.25				
Chromium, Total	7440-47-3	-	-	-	-	44.	14.1				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.041			0.0026	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	27.4				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025			0.	
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025			0.	
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025			0.	
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0638			0.0002	1.0E-09
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.39			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">(Cumulative) cPAH Cancer Risk</td> <td style="width: 25%;">Number of Individual Exceedance</td> <td style="width: 25%;">(Cumulative) Hazard Index</td> <td style="width: 25%;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">9.9E-07</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.0649</td> <td style="text-align: center;">1.9E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	9.9E-07	2	0.0649	1.9E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
9.9E-07	2	0.0649	1.9E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 1/16/2016  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 4.2E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.079	(Cumulative) Cancer Risk 2.3E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0364			0.0002	6.6E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.372	3.23E-06	cPAH	0.0209	3.2E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0497			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0142				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.129			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.407	3.57E-07	cPAH		3.6E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.2	1.74E-07	cPAH		1.7E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.192				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0824	7.17E-09	cPAH		7.2E-09
Chrysene	218-01-9	-	115.	115.	ca		0.622	5.41E-09	cPAH		5.4E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0518	4.50E-07	cPAH		4.5E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.401			0.0002	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0727			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0095	8.26E-09	cPAH		8.3E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0781			0.	4.4E-09
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.056			0.0002	
Phenanthrene	85-01-8	-	-	-	-		0.612				
Pyrene	129-00-0	1,790.	-	1,790.	nc		2.15			0.0012	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	4.7				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	105				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc		0.13				
Chromium, Total	7440-47-3	-	-	-	-	44.	16.9				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.047			0.003	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	26.3				
Selenium	7782-49-2	391.	-	391.	nc		1.3			0.0033	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  4.2E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.079	(Cumulative) Cancer Risk  2.3E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0581			0.0002	9.4E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.47			0.0012	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 1.6E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0651	(Cumulative) Cancer Risk 2.0E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0098			0.0001	1.8E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.152	1.32E-06	cPAH	0.0085	1.3E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0044			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0175				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0309			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.109	9.56E-08	cPAH		9.6E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.148	1.29E-07	cPAH		1.3E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0022				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.143	1.24E-08	cPAH		1.2E-08
Chrysene	218-01-9	-	115.	115.	ca		0.157	1.37E-09	cPAH		1.4E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0024	2.09E-08	cPAH		2.1E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.208			0.0001	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0077			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0024	2.09E-09	cPAH		2.1E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0089			0.	5.1E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0098			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0782				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.172			0.0001	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	5				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	50.5				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.14				
Chromium, Total	7440-47-3	-	-	-	-	44.	13.4				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.048			0.0031	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	10.2				
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				



BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  1.6E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0651	(Cumulative) Cancer Risk  2.0E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0714			0.0002	1.2E-09
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.37			0.0009	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(Cumulative) cPAH Cancer Risk</td> <td style="text-align: center;">Number of Individual Exceedance</td> <td style="text-align: center;">(Cumulative) Hazard Index</td> <td style="text-align: center;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">1.5E-06</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.2752</td> <td style="text-align: center;">2.0E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	1.5E-06	2	0.2752	2.0E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
1.5E-06	2	0.2752	2.0E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0299			0.0002	5.4E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.125	1.09E-06	cPAH	0.007	1.1E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0089			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0052			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0258			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0975	8.55E-08	cPAH		8.6E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.148	1.29E-07	cPAH		1.3E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0857				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.125	1.09E-08	cPAH		1.1E-08
Chrysene	218-01-9	-	115.	115.	ca		0.131	1.14E-09	cPAH		1.1E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0268	2.33E-07	cPAH		2.3E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.243			0.0001	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0099			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0039	3.39E-09	cPAH		3.4E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0053			0.	3.0E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0092			0.	
Phenanthrene	85-01-8	-	-	-	-		0.117				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.18			0.0001	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	4.4			0.212	
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	72.7			0.0036	
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.14				
Chromium, Total	7440-47-3	-	-	-	-	44.	19.1				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.037			0.0024	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	84.8			0.212	
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  1.5E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.2752	(Cumulative) Cancer Risk  2.0E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0485			0.0001	7.8E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.45			0.0012	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(Cumulative) cPAH Cancer Risk</td> <td style="text-align: center;">Number of Individual Exceedance</td> <td style="text-align: center;">(Cumulative) Hazard Index</td> <td style="text-align: center;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">1.8E-06</td> <td style="text-align: center;">3</td> <td style="text-align: center;">1.58</td> <td style="text-align: center;">9.8E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	1.8E-06	3	1.58	9.8E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
1.8E-06	3	1.58	9.8E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0091			0.0001	1.6E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.153	1.33E-06	cPAH	0.0086	1.3E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0055			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0127				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0426			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.142	1.25E-07	cPAH		1.2E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.133	1.16E-07	cPAH		1.2E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0687				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.15	1.30E-08	cPAH		1.3E-08
Chrysene	218-01-9	-	115.	115.	ca		0.148	1.29E-09	cPAH		1.3E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0257	2.23E-07	cPAH		2.2E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.296			0.0001	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0067			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0036	3.13E-09	cPAH		3.1E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0043			0.	2.4E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0054			0.	
Phenanthrene	85-01-8	-	-	-	-		0.105				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.237			0.0001	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	52.9		E	1.5158	7.8E-05
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	81.3				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.38				
Chromium, Total	7440-47-3	-	-	-	-	44.	16.3				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.035			0.0022	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	30.3				
Selenium	7782-49-2	391.	-	391.	nc		1.3			0.0033	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  1.8E-06	Number of Individual Exceedance  3	(Cumulative) Hazard Index  1.58	(Cumulative) Cancer Risk  9.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0606			0.0002	9.8E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.4			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(Cumulative) cPAH Cancer Risk</td> <td style="text-align: center;">Number of Individual Exceedance</td> <td style="text-align: center;">(Cumulative) Hazard Index</td> <td style="text-align: center;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">2.7E-07</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.06</td> <td style="text-align: center;">1.9E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	2.7E-07	2	0.06	1.9E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
2.7E-07	2	0.06	1.9E-05								
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>											

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.011			0.0001	2.0E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0221	1.92E-07	cPAH	0.0012	1.9E-07
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0051			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0043			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0074			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0191	1.68E-08	cPAH		1.7E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0195	1.70E-08	cPAH		1.7E-08
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0131				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0236	2.05E-09	cPAH		2.1E-09
Chrysene	218-01-9	-	115.	115.	ca		0.0215	1.87E-10	cPAH		1.9E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0043	3.74E-08	cPAH		3.7E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0419			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0054			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0029	2.52E-09	cPAH		2.5E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0052			0.	3.0E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0065			0.	
Phenanthrene	85-01-8	-	-	-	-		0.016			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0309			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	2.8				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	30.8				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.16				
Chromium, Total	7440-47-3	-	-	-	-	44.	6.3				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.075			0.0048	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	14.9				
Selenium	7782-49-2	391.	-	391.	nc		1.6			0.0041	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  2.7E-07	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.06	(Cumulative) Cancer Risk  1.9E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0714			0.0002	1.2E-09
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.41			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk <b>2.4E-07</b>	Number of Individual Exceedance <b>2</b>	(Cumulative) Hazard Index <b>0.0571</b>	(Cumulative) Cancer Risk <b>1.9E-05</b>
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0094			0.0001	1.7E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0197	1.71E-07	cPAH	0.0011	1.7E-07
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0043			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0037			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0064			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0211	1.85E-08	cPAH		1.9E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0226	1.97E-08	cPAH		2.0E-08
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0023				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0161	1.40E-09	cPAH		1.4E-09
Chrysene	218-01-9	-	115.	115.	ca		0.0265	2.30E-10	cPAH		2.3E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0025	2.17E-08	cPAH		2.2E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0503			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0046			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0025	2.17E-09	cPAH		2.2E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0045			0.	2.6E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0056			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0286			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0374			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	2.2				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	29.4				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	7.1				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.037			0.0024	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	9.8				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	



BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 2.4E-07	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0571	(Cumulative) Cancer Risk 1.9E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0732			0.0002	1.2E-09
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.38			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 9.3E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.1002	(Cumulative) Cancer Risk 2.8E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0497			0.0003	9.0E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.769	6.69E-06	cPAH	0.0432	6.7E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0308			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.202				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.301			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.651	5.71E-07	cPAH		5.7E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.682	5.93E-07	cPAH		5.9E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.33				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.717	6.23E-08	cPAH		6.2E-08
Chrysene	218-01-9	-	115.	115.	ca		0.654	5.69E-09	cPAH		5.7E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.126	1.10E-06	cPAH		1.1E-06
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		1.21			0.0005	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0727			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.313	2.72E-07	cPAH		2.7E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0205			0.	1.2E-09
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0255			0.0001	
Phenanthrene	85-01-8	-	-	-	-		0.43				
Pyrene	129-00-0	1,790.	-	1,790.	nc		1.02			0.0006	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	4.6				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	157				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.14				
Chromium, Total	7440-47-3	-	-	-	-	44.	24.7				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.04			0.0025	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	9.4				
Selenium	7782-49-2	391.	-	391.	nc		1.3			0.0033	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  9.3E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.1002	(Cumulative) Cancer Risk  2.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0596			0.0002	9.6E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.35			0.0009	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 2.3E-05	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.1597	(Cumulative) Cancer Risk 4.1E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0921			0.0005	1.7E-08
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		1.81	1.57E-05	cPAH	0.1017	1.6E-05
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0424			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.127				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.391			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		1.22	1.07E-06	cPAH		1.1E-06
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		1.44	1.25E-06	cPAH		1.3E-06
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		1.39				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		1.68	1.46E-07	cPAH		1.5E-07
Chrysene	218-01-9	-	115.	115.	ca		1.4	1.22E-08	cPAH		1.2E-08
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.419	3.64E-06	cPAH		3.6E-06
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		2.01			0.0008	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.066			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		1.13	9.83E-07	cPAH		9.8E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.044			0.	2.5E-09
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0547			0.0002	
Phenanthrene	85-01-8	-	-	-	-		0.669				
Pyrene	129-00-0	1,790.	-	1,790.	nc		1.46			0.0008	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	6				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	70.5				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.14				
Chromium, Total	7440-47-3	-	-	-	-	44.	15.9				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.036			0.0023	
Lead and Compounds	7439-92-1	400.	-	400.		52.	11.3				
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  2.3E-05	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.1597	(Cumulative) Cancer Risk  4.1E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0528			0.0001	8.5E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.37			0.0009	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(Cumulative) cPAH Cancer Risk</td> <td style="text-align: center;">Number of Individual Exceedance</td> <td style="text-align: center;">(Cumulative) Hazard Index</td> <td style="text-align: center;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">9.6E-07</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.0606</td> <td style="text-align: center;">1.9E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	9.6E-07	2	0.0606	1.9E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
9.6E-07	2	0.0606	1.9E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0099			0.0001	1.8E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0783	6.81E-07	cPAH	0.0044	6.8E-07
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0046			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0194				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.025			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0695	6.10E-08	cPAH		6.1E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.103	8.96E-08	cPAH		9.0E-08
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.045				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0488	4.24E-09	cPAH		4.2E-09
Chrysene	218-01-9	-	115.	115.	ca		0.0797	6.93E-10	cPAH		6.9E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0107	9.30E-08	cPAH		9.3E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.126			0.0001	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0049			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0365	3.17E-08	cPAH		3.2E-08
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0048			0.	2.7E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0059			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0463				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.103			0.0001	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	6.5				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	82.2				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.21				
Chromium, Total	7440-47-3	-	-	-	-	44.	15.2				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.039			0.0025	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	13				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  9.6E-07	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0606	(Cumulative) Cancer Risk  1.9E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0584			0.0002	9.4E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.4			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk <b>3.8E-07</b>	Number of Individual Exceedance <b>2</b>	(Cumulative) Hazard Index <b>0.0571</b>	(Cumulative) Cancer Risk <b>1.9E-05</b>
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0091			0.0001	1.6E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0309	2.69E-07	cPAH	0.0017	2.7E-07
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0042			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0043			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0068			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0266	2.33E-08	cPAH		2.3E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.041	3.57E-08	cPAH		3.6E-08
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0226				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0191	1.66E-09	cPAH		1.7E-09
Chrysene	218-01-9	-	115.	115.	ca		0.035	3.04E-10	cPAH		3.0E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0046	4.00E-08	cPAH		4.0E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0534			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0045			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0162	1.41E-08	cPAH		1.4E-08
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0044			0.	2.5E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0054			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0164				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0469			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	3.9				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	35.2				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.14				
Chromium, Total	7440-47-3	-	-	-	-	44.	9.2				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.036			0.0023	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	15.9				
Selenium	7782-49-2	391.	-	391.	nc		1.3			0.0033	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				



BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  3.8E-07	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0571	(Cumulative) Cancer Risk  1.9E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0725			0.0002	1.2E-09
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.35			0.0009	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(Cumulative) cPAH Cancer Risk</td> <td style="text-align: center;">Number of Individual Exceedance</td> <td style="text-align: center;">(Cumulative) Hazard Index</td> <td style="text-align: center;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">6.7E-07</td> <td style="text-align: center;">3</td> <td style="text-align: center;">0.306</td> <td style="text-align: center;">3.2E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	6.7E-07	3	0.306	3.2E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
6.7E-07	3	0.306	3.2E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0105			0.0001	1.9E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0532	4.63E-07	cPAH	0.003	4.6E-07
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0048			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0087			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0145			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0414	3.63E-08	cPAH		3.6E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0737	6.41E-08	cPAH		6.4E-08
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0427				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0325	2.83E-09	cPAH		2.8E-09
Chrysene	218-01-9	-	115.	115.	ca		0.0605	5.26E-10	cPAH		5.3E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0085	7.39E-08	cPAH		7.4E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0954			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0051			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0329	2.86E-08	cPAH		2.9E-08
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.005			0.	2.8E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0062			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0418			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0797			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	8.6		E	0.2464	1.3E-05
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	83.9				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.27				
Chromium, Total	7440-47-3	-	-	-	-	44.	21.8				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.042			0.0027	
Lead and Compounds	7439-92-1	400.	-	400.		52.	20.1				
Selenium	7782-49-2	391.	-	391.	nc		1.6			0.0041	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 6.7E-07	Number of Individual Exceedance 3	(Cumulative) Hazard Index 0.306	(Cumulative) Cancer Risk 3.2E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.41			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(Cumulative) cPAH Cancer Risk</td> <td style="text-align: center;">Number of Individual Exceedance</td> <td style="text-align: center;">(Cumulative) Hazard Index</td> <td style="text-align: center;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">3.1E-07</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.0635</td> <td style="text-align: center;">1.9E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	3.1E-07	2	0.0635	1.9E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
3.1E-07	2	0.0635	1.9E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0104			0.0001	1.9E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0229	1.99E-07	cPAH	0.0013	2.0E-07
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0048			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0041			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0094			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.023	2.02E-08	cPAH		2.0E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0358	3.11E-08	cPAH		3.1E-08
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0218				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0162	1.41E-09	cPAH		1.4E-09
Chrysene	218-01-9	-	115.	115.	ca		0.0293	2.55E-10	cPAH		2.5E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0051	4.43E-08	cPAH		4.4E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0614			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0051			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0185	1.61E-08	cPAH		1.6E-08
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.005			0.	2.8E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0062			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0326			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0464			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	3.8				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	36.3				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.16				
Chromium, Total	7440-47-3	-	-	-	-	44.	9.1				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.13			0.0083	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	22.8				
Selenium	7782-49-2	391.	-	391.	nc		1.6			0.0041	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">(Cumulative) cPAH Cancer Risk</td> <td style="width: 25%; text-align: center;">Number of Individual Exceedance</td> <td style="width: 25%; text-align: center;">(Cumulative) Hazard Index</td> <td style="width: 25%; text-align: center;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">3.1E-07</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.0635</td> <td style="text-align: center;">1.9E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	3.1E-07	2	0.0635	1.9E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
3.1E-07	2	0.0635	1.9E-05								
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>											

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0584			0.0002	9.4E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.41			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(Cumulative) cPAH Cancer Risk</td> <td style="text-align: center;">Number of Individual Exceedance</td> <td style="text-align: center;">(Cumulative) Hazard Index</td> <td style="text-align: center;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">5.6E-08</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.056</td> <td style="text-align: center;">1.8E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	5.6E-08	2	0.056	1.8E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
5.6E-08	2	0.056	1.8E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0098			0.0001	1.8E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0029	2.52E-08	cPAH	0.0002	2.5E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0045			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0038				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0067			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0037	3.25E-09	cPAH		3.2E-09
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0033	2.87E-09	cPAH		2.9E-09
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0024				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0029	2.52E-10	cPAH		2.5E-10
Chrysene	218-01-9	-	115.	115.	ca		0.0039	3.39E-11	cPAH		3.4E-11
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0026	2.26E-08	cPAH		2.3E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0061			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0048			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0026	2.26E-09	cPAH		2.3E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0047			0.	2.7E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0058			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0136				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0053			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	6.1				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	73.6				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	22.1				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.039			0.0025	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	7.2				
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  5.6E-08	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.056	(Cumulative) Cancer Risk  1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.062			0.0002	1.0E-09
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.38			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 4.8E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0772	(Cumulative) Cancer Risk 2.3E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0212			0.0001	3.8E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.372	3.23E-06	cPAH	0.0209	3.2E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.016			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0798				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0945			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.327	2.87E-07	cPAH		2.9E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.524	4.56E-07	cPAH		4.6E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.262				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.167	1.45E-08	cPAH		1.5E-08
Chrysene	218-01-9	-	115.	115.	ca		0.321	2.79E-09	cPAH		2.8E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0715	6.22E-07	cPAH		6.2E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.553			0.0002	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0271			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.227	1.97E-07	cPAH		2.0E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0107			0.	6.1E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0149			0.0001	
Phenanthrene	85-01-8	-	-	-	-		0.235				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.447			0.0002	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	4.1				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	49				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc		0.26				
Chromium, Total	7440-47-3	-	-	-	-		10				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.038			0.0024	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	26.6				
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				



BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  4.8E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0772	(Cumulative) Cancer Risk  2.3E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018. List below only has contaminants with data.  
 Date of Worksheet Used: 03/14/2017.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0518			0.0001	8.4E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.36			0.0009	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(Cumulative) cPAH Cancer Risk</td> <td style="text-align: center;">Number of Individual Exceedance</td> <td style="text-align: center;">(Cumulative) Hazard Index</td> <td style="text-align: center;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">9.0E-06</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.0941</td> <td style="text-align: center;">2.7E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	9.0E-06	2	0.0941	2.7E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
9.0E-06	2	0.0941	2.7E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0206			0.0001	3.7E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.655	5.70E-06	cPAH	0.0368	5.7E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0198			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.1				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.149			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.383	3.36E-07	cPAH		3.4E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.874	7.60E-07	cPAH		7.6E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.881				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.27	2.35E-08	cPAH		2.3E-08
Chrysene	218-01-9	-	115.	115.	ca		0.423	3.68E-09	cPAH		3.7E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.197	1.71E-06	cPAH		1.7E-06
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.676			0.0003	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0363			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.566	4.92E-07	cPAH		4.9E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0094			0.	5.3E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0131			0.0001	
Phenanthrene	85-01-8	-	-	-	-		0.316				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.6			0.0003	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	7.4				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	82				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	14.8				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.048			0.0031	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	21.3				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  9.0E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0941	(Cumulative) Cancer Risk  2.7E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.0339			0.0001	5.5E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.38			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 6.4E-08	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0576	(Cumulative) Cancer Risk 1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0111			0.0001	2.0E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0033	2.87E-08	cPAH	0.0002	2.9E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0051			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0043			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0075			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0042	3.68E-09	cPAH		3.7E-09
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0046	4.00E-09	cPAH		4.0E-09
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0027				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0033	2.87E-10	cPAH		2.9E-10
Chrysene	218-01-9	-	115.	115.	ca		0.0044	3.83E-11	cPAH		3.8E-11
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0029	2.52E-08	cPAH		2.5E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0071			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0054			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0029	2.52E-09	cPAH		2.5E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0053			0.	3.0E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0066			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0153			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0059			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	7.4				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	116				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc		0.17				
Chromium, Total	7440-47-3	-	-	-	-	44.	30.4				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.051			0.0032	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	13.3				
Selenium	7782-49-2	391.	-	391.	nc		1.7			0.0043	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  6.4E-08	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0576	(Cumulative) Cancer Risk  1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.44			0.0011	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 9.8E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.1041	(Cumulative) Cancer Risk 2.8E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0496			0.0003	9.0E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.739	6.43E-06	cPAH	0.0415	6.4E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0229			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0882			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.294			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.843	7.39E-07	cPAH		7.4E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		1.29	1.12E-06	cPAH		1.1E-06
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.358				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.524	4.56E-08	cPAH		4.6E-08
Chrysene	218-01-9	-	115.	115.	ca		1	8.70E-09	cPAH		8.7E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.131	1.14E-06	cPAH		1.1E-06
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		2.01			0.0008	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0292			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.354	3.08E-07	cPAH		3.1E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0237			0.	1.3E-09
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0295			0.0001	
Phenanthrene	85-01-8	-	-	-	-		0.81				
Pyrene	129-00-0	1,790.	-	1,790.	nc		1.56			0.0009	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	5.9				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	63.9				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	15.1				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.11			0.007	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	28.1				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">(Cumulative) cPAH Cancer Risk</td> <td style="width: 25%;">Number of Individual Exceedance</td> <td style="width: 25%;">(Cumulative) Hazard Index</td> <td style="width: 25%;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">9.8E-06</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.1041</td> <td style="text-align: center;">2.8E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	9.8E-06	2	0.1041	2.8E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
9.8E-06	2	0.1041	2.8E-05								
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>											

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.39			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 2.0E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.4004	(Cumulative) Cancer Risk 2.0E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0488			0.0003	8.8E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.15	1.30E-06	cPAH	0.0084	1.3E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0225			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0191				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0354			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.156	1.37E-07	cPAH		1.4E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.213	1.85E-07	cPAH		1.9E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.108				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0831	7.23E-09	cPAH		7.2E-09
Chrysene	218-01-9	-	115.	115.	ca		0.21	1.83E-09	cPAH		1.8E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0289	2.51E-07	cPAH		2.5E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.266			0.0001	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.024			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0808	7.03E-08	cPAH		7.0E-08
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0233			0.	1.3E-09
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.029			0.0001	
Phenanthrene	85-01-8	-	-	-	-		0.175				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.237			0.0001	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	7.5			0.335	
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	79.8			0.0036	
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.27				
Chromium, Total	7440-47-3	-	-	-	-	44.	19.9				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.05			0.0032	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	134			0.335	
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				



BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  2.0E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.4004	(Cumulative) Cancer Risk  2.0E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.37			0.0009	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">(Cumulative) cPAH Cancer Risk</td> <td style="width: 25%;">Number of Individual Exceedance</td> <td style="width: 25%;">(Cumulative) Hazard Index</td> <td style="width: 25%;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">5.0E-06</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.0823</td> <td style="text-align: center;">2.3E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	5.0E-06	2	0.0823	2.3E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
5.0E-06	2	0.0823	2.3E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.021			0.0001	3.8E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.403	3.50E-06	cPAH	0.0226	3.5E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0224			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0314				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.105			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.382	3.35E-07	cPAH		3.4E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.587	5.10E-07	cPAH		5.1E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.185				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.201	1.75E-08	cPAH		1.7E-08
Chrysene	218-01-9	-	115.	115.	ca		0.383	3.33E-09	cPAH		3.3E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0565	4.91E-07	cPAH		4.9E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.746			0.0003	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0334			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.171	1.49E-07	cPAH		1.5E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0072			0.	4.1E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.009			0.	
Phenanthrene	85-01-8	-	-	-	-		0.331				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.64			0.0004	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	6.3				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	212				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.19				
Chromium, Total	7440-47-3	-	-	-	-	44.	28				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.063			0.004	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	12.2				
Selenium	7782-49-2	391.	-	391.	nc		1.9			0.0049	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  5.0E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0823	(Cumulative) Cancer Risk  2.3E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.5			0.0013	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 9.6E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.101	(Cumulative) Cancer Risk 2.8E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0364			0.0002	6.6E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.776	6.75E-06	cPAH	0.0436	6.7E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0649			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0407				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.274			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.766	6.72E-07	cPAH		6.7E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		1.16	1.01E-06	cPAH		1.0E-06
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.358				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.444	3.86E-08	cPAH		3.9E-08
Chrysene	218-01-9	-	115.	115.	ca		0.811	7.05E-09	cPAH		7.1E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.102	8.87E-07	cPAH		8.9E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		1.86			0.0008	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0879			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.316	2.75E-07	cPAH		2.7E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0188			0.	1.1E-09
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0216			0.0001	
Phenanthrene	85-01-8	-	-	-	-		1.08				
Pyrene	129-00-0	1,790.	-	1,790.	nc		1.43			0.0008	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	4.6				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	37.9				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.14				
Chromium, Total	7440-47-3	-	-	-	-	44.	8.7				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.036			0.0023	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	13.8				
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summar y!	(Cumulative) cPAH Cancer Risk  9.6E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.101	(Cumulative) Cancer Risk  2.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.37			0.0009	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 1.7E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0648	(Cumulative) Cancer Risk 2.0E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0138			0.0001	2.5E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.133	1.16E-06	cPAH	0.0075	1.2E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.009			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0081			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0288			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.122	1.07E-07	cPAH		1.1E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.183	1.59E-07	cPAH		1.6E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.068				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0742	6.45E-09	cPAH		6.5E-09
Chrysene	218-01-9	-	115.	115.	ca		0.141	1.23E-09	cPAH		1.2E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0197	1.71E-07	cPAH		1.7E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.26			0.0001	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0123			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.063	5.48E-08	cPAH		5.5E-08
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0047			0.	2.7E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0066			0.	
Phenanthrene	85-01-8	-	-	-	-		0.121				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.224			0.0001	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	5.3				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	74.8				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	14.8				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.056			0.0036	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	18.7				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summar y!	(Cumulative) cPAH Cancer Risk  1.7E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0648	(Cumulative) Cancer Risk  2.0E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.38			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">(Cumulative) cPAH Cancer Risk</td> <td style="width:25%;">Number of Individual Exceedance</td> <td style="width:25%;">(Cumulative) Hazard Index</td> <td style="width:25%;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">3.9E-06</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.0742</td> <td style="text-align: center;">2.2E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	3.9E-06	2	0.0742	2.2E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
3.9E-06	2	0.0742	2.2E-05								
Bottom-Line:		<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>									

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0164			0.0001	3.0E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.313	2.72E-06	cPAH	0.0176	2.7E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0123			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0409				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0777			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.299	2.62E-07	cPAH		2.6E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.421	3.66E-07	cPAH		3.7E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.168				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.166	1.44E-08	cPAH		1.4E-08
Chrysene	218-01-9	-	115.	115.	ca		0.329	2.86E-09	cPAH		2.9E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0486	4.23E-07	cPAH		4.2E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.559			0.0002	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0166			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.142	1.23E-07	cPAH		1.2E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0047			0.	2.7E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0087			0.	
Phenanthrene	85-01-8	-	-	-	-		0.232				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.485			0.0003	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	7				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	84.2				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	15.3				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.039			0.0025	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	19.5				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				



BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  3.9E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0742	(Cumulative) Cancer Risk  2.2E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.39			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 5.9E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0842	(Cumulative) Cancer Risk 2.4E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0922			0.0005	1.7E-08
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.473	4.11E-06	cPAH	0.0266	4.1E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0201			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0625			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.119			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.428	3.75E-07	cPAH		3.8E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.697	6.06E-07	cPAH		6.1E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.214				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.251	2.18E-08	cPAH		2.2E-08
Chrysene	218-01-9	-	115.	115.	ca		0.462	4.02E-09	cPAH		4.0E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0657	5.71E-07	cPAH		5.7E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.8			0.0003	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.028			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.197	1.71E-07	cPAH		1.7E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.106			0.	6.0E-09
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.17			0.0007	
Phenanthrene	85-01-8	-	-	-	-		0.398				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.702			0.0004	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	6.7				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	92.2				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	19.4				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.038			0.0024	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	19.3				
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">(Cumulative) cPAH Cancer Risk</td> <td style="width: 25%;">Number of Individual Exceedance</td> <td style="width: 25%;">(Cumulative) Hazard Index</td> <td style="width: 25%;">(Cumulative) Cancer Risk</td> </tr> <tr> <td style="text-align: center;">5.9E-06</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.0842</td> <td style="text-align: center;">2.4E-05</td> </tr> </table>	(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk	5.9E-06	2	0.0842	2.4E-05
(Cumulative) cPAH Cancer Risk	Number of Individual Exceedance	(Cumulative) Hazard Index	(Cumulative) Cancer Risk								
5.9E-06	2	0.0842	2.4E-05								
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>											

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.38			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 5.7E-08	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0562	(Cumulative) Cancer Risk 1.8E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0096			0.0001	1.7E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0029	2.52E-08	cPAH	0.0002	2.5E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0044			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0037			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0065			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0045	3.95E-09	cPAH		3.9E-09
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0043	3.74E-09	cPAH		3.7E-09
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0023				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0029	2.52E-10	cPAH		2.5E-10
Chrysene	218-01-9	-	115.	115.	ca		0.0038	3.30E-11	cPAH		3.3E-11
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0025	2.17E-08	cPAH		2.2E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0106			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0047			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0025	2.17E-09	cPAH		2.2E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0046			0.	2.6E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0057			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0132				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0057			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	3.8				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	22.4				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	9				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.039			0.0025	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	2				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  5.7E-08	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0562	(Cumulative) Cancer Risk  1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.39			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 5.2E-07	Number of Individual Exceedance 3	(Cumulative) Hazard Index 0.3764	(Cumulative) Cancer Risk 3.4E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0158			0.0001	2.9E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0386	3.36E-07	cPAH	0.0022	3.4E-07
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0049			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0098			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0103			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0403	3.54E-08	cPAH		3.5E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0701	6.10E-08	cPAH		6.1E-08
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0255				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0274	2.38E-09	cPAH		2.4E-09
Chrysene	218-01-9	-	115.	115.	ca		0.0517	4.50E-10	cPAH		4.5E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0073	6.35E-08	cPAH		6.3E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.12			0.0001	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0053			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0216	1.88E-08	cPAH		1.9E-08
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0077			0.	4.4E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0105			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0599			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0788			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	10.3		E	0.2951	1.5E-05
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	81.2				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.25				
Chromium, Total	7440-47-3	-	-	-	-	44.	44.9				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.04			0.0025	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	6.6				
Selenium	7782-49-2	391.	-	391.	nc		10.4			0.0266	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 5.2E-07	Number of Individual Exceedance 3	(Cumulative) Hazard Index 0.3764	(Cumulative) Cancer Risk 3.4E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.43			0.0011	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 6.2E-08	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0567	(Cumulative) Cancer Risk 1.8E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0107			0.0001	1.9E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0032	2.78E-08	cPAH	0.0002	2.8E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0049			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0042			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0073			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.004	3.51E-09	cPAH		3.5E-09
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0036	3.13E-09	cPAH		3.1E-09
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0026				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0032	2.78E-10	cPAH		2.8E-10
Chrysene	218-01-9	-	115.	115.	ca		0.0043	3.74E-11	cPAH		3.7E-11
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0028	2.43E-08	cPAH		2.4E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0066			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0053			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0028	2.43E-09	cPAH		2.4E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0051			0.	2.9E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0064			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0148			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0057			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	2.3				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	11.3				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.16				
Chromium, Total	7440-47-3	-	-	-	-	44.	4.7				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.041			0.0026	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	1.3				
Selenium	7782-49-2	391.	-	391.	nc		1.6			0.0041	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	



BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  6.2E-08	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0567	(Cumulative) Cancer Risk  1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.42			0.0011	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk <b>1.4E-07</b>	Number of Individual Exceedance <b>2</b>	(Cumulative) Hazard Index <b>0.0637</b>	(Cumulative) Cancer Risk <b>1.8E-05</b>
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0131			0.0001	2.4E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0062	5.39E-08	cPAH	0.0003	5.4E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0061			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0051			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0089			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.014	1.23E-08	cPAH		1.2E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0395	3.43E-08	cPAH		3.4E-08
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.007				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.009	7.83E-10	cPAH		7.8E-10
Chrysene	218-01-9	-	115.	115.	ca		0.0376	3.27E-10	cPAH		3.3E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0035	3.04E-08	cPAH		3.0E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.136			0.0001	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0065			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.008	6.96E-09	cPAH		7.0E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0063			0.	3.6E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0078			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0662			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0525			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	6.3				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	82.1				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.36				
Chromium, Total	7440-47-3	-	-	-	-	44.	28.3				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.051			0.0032	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	8.4				
Selenium	7782-49-2	391.	-	391.	nc		3.9			0.01	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  1.4E-07	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0637	(Cumulative) Cancer Risk  1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.52			0.0013	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 5.1E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0812	(Cumulative) Cancer Risk 2.3E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0335			0.0002	6.1E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.415	3.61E-06	cPAH	0.0233	3.6E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0199			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0131				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0866			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.513	4.50E-07	cPAH		4.5E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.481	4.18E-07	cPAH		4.2E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.135				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.165	1.43E-08	cPAH		1.4E-08
Chrysene	218-01-9	-	115.	115.	ca		0.587	5.10E-09	cPAH		5.1E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0612	5.32E-07	cPAH		5.3E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.706			0.0003	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0177			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.118	1.03E-07	cPAH		1.0E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.016			0.	9.1E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0199			0.0001	
Phenanthrene	85-01-8	-	-	-	-		0.167				
Pyrene	129-00-0	1,790.	-	1,790.	nc		1.14			0.0006	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	7.2				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	95.5				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	20.6				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.05			0.0032	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	18				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summar y!	(Cumulative) cPAH Cancer Risk  5.1E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0812	(Cumulative) Cancer Risk  2.3E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.4			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 6.4E-08	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0571	(Cumulative) Cancer Risk 1.8E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.011			0.0001	2.0E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0033	2.87E-08	cPAH	0.0002	2.9E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0051			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0043			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0075			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0042	3.68E-09	cPAH		3.7E-09
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0037	3.22E-09	cPAH		3.2E-09
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0027				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0033	2.87E-10	cPAH		2.9E-10
Chrysene	218-01-9	-	115.	115.	ca		0.0044	3.83E-11	cPAH		3.8E-11
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0029	2.52E-08	cPAH		2.5E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0068			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0054			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0029	2.52E-09	cPAH		2.5E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0053			0.	3.0E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0065			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0153			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0059			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	3.6				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	10.6				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.17				
Chromium, Total	7440-47-3	-	-	-	-	44.	5.4				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.043			0.0027	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	2.6				
Selenium	7782-49-2	391.	-	391.	nc		1.7			0.0043	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  6.4E-08	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0571	(Cumulative) Cancer Risk  1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.45			0.0012	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 5.6E-08	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0562	(Cumulative) Cancer Risk 1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0098			0.0001	1.8E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0029	2.52E-08	cPAH	0.0002	2.5E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0045			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0038			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0066			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0037	3.25E-09	cPAH		3.2E-09
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0033	2.87E-09	cPAH		2.9E-09
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0024				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0029	2.52E-10	cPAH		2.5E-10
Chrysene	218-01-9	-	115.	115.	ca		0.0039	3.39E-11	cPAH		3.4E-11
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0026	2.26E-08	cPAH		2.3E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0061			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0048			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0026	2.26E-09	cPAH		2.3E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0047			0.	2.7E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0058			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0136			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0053			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	4				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	22.9				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	7.3				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.039			0.0025	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	4.8				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	



BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  5.6E-08	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0562	(Cumulative) Cancer Risk  1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.38			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 6.0E-08	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0567	(Cumulative) Cancer Risk 1.8E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0103			0.0001	1.9E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0031	2.70E-08	cPAH	0.0002	2.7E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0047			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.004			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.007			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0039	3.42E-09	cPAH		3.4E-09
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0035	3.04E-09	cPAH		3.0E-09
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0025				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0031	2.70E-10	cPAH		2.7E-10
Chrysene	218-01-9	-	115.	115.	ca		0.0041	3.57E-11	cPAH		3.6E-11
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0027	2.35E-08	cPAH		2.3E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0064			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0051			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0027	2.35E-09	cPAH		2.3E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0049			0.	2.8E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0061			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0143			0.	
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0055			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	4.8				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	65.1				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.16				
Chromium, Total	7440-47-3	-	-	-	-	44.	16.5				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.042			0.0027	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	6.8				
Selenium	7782-49-2	391.	-	391.	nc		1.6			0.0041	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025			0.	

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summar y!	(Cumulative) cPAH Cancer Risk  6.0E-08	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0567	(Cumulative) Cancer Risk  1.8E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.41			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk <b>2.0E-07</b>	Number of Individual Exceedance <b>2</b>	(Cumulative) Hazard Index <b>0.0563</b>	(Cumulative) Cancer Risk <b>1.9E-05</b>
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0091			0.0001	1.6E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.0151	1.31E-07	cPAH	0.0008	1.3E-07
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0042			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0036			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0062			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.0128	1.12E-08	cPAH		1.1E-08
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.0258	2.24E-08	cPAH		2.2E-08
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.0107				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.0102	8.87E-10	cPAH		8.9E-10
Chrysene	218-01-9	-	115.	115.	ca		0.0162	1.41E-10	cPAH		1.4E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0033	2.87E-08	cPAH		2.9E-08
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.0313			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0045			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.0076	6.61E-09	cPAH		6.6E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.0043			0.	2.4E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0054			0.	
Phenanthrene	85-01-8	-	-	-	-		0.0133				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.0268			0.	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	3.4				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	47.1				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc		0.14				
Chromium, Total	7440-47-3	-	-	-	-		9.5				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.035			0.0022	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	29.3				
Selenium	7782-49-2	391.	-	391.	nc		1.4			0.0036	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary! y!	(Cumulative) cPAH Cancer Risk  2.0E-07	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0563	(Cumulative) Cancer Risk  1.9E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.36			0.0009	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

NR 722 Direct-Contact **Exceedance - Hazard - Risk** Calculation Summary from Soil Data (Exclusive Cumulative-only Assessment of cPAHs)

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summary!	(Cumulative) cPAH Cancer Risk 5.1E-06	Number of Individual Exceedance 2	(Cumulative) Hazard Index 0.0812	(Cumulative) Cancer Risk 2.3E-05
Bottom-Line:			<b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a cap/cover to address the direct-contact pathway.</b>			

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca		0.025			0.0002	1.6E-08
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca		0.025			0.	3.1E-09
Toluene	108-88-3	5,240.	-	818.	Csat		0.025			0.	
Xylenes	1330-20-7	818.	-	260.	Csat		0.075			0.0001	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca		0.025			0.	3.9E-10
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca		0.025			0.0006	3.8E-08
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca		0.025			0.0003	5.0E-07
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca		0.025			0.0044	1.9E-08
Tetrachloroethylene	127-18-4	109.	33.	33.	ca		0.025			0.0002	7.6E-10
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca		0.025			0.0003	3.7E-07
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc		0.025			0.0001	
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc		0.025			0.	
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc		0.025			0.0002	
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat		0.025			0.	
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca		0.025			0.0002	2.7E-08
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat		0.025			0.0001	
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat		0.025			0.0001	
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.0335			0.0002	6.1E-09
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.415	3.61E-06	cPAH	0.0233	3.6E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.0199			0.	
Acenaphthylene	208-96-8	-	-	-	-		0.0131			0.	
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.0866			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.513	4.50E-07	cPAH		4.5E-07
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.481	4.18E-07	cPAH		4.2E-07
Benzo[g,h,i]perylene	191-24-2	-	-	-	-		0.135				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.165	1.43E-08	cPAH		1.4E-08
Chrysene	218-01-9	-	115.	115.	ca		0.587	5.10E-09	cPAH		5.1E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.0612	5.32E-07	cPAH		5.3E-07
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.706			0.0003	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.0177			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.118	1.03E-07	cPAH		1.0E-07
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.016			0.	9.1E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.0199			0.0001	
Phenanthrene	85-01-8	-	-	-	-		0.167				
Pyrene	129-00-0	1,790.	-	1,790.	nc		1.14			0.0006	
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.	7.2				
Barium	7440-39-3	15,300.	-	15,300.	nc	364.	95.5				
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.	0.15				
Chromium, Total	7440-47-3	-	-	-	-	44.	20.6				
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat		0.05			0.0032	
Lead and Compounds	7439-92-1	400.	-	400.	-	52.	18				
Selenium	7782-49-2	391.	-	391.	nc		1.5			0.0038	
Bromobenzene	108-86-1	342.	-	342.	nc		0.025			0.0001	
Bromochloromethane	74-97-5	216.	-	216.	nc		0.025			0.0001	
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca		0.025			0.	6.0E-08
Bromoform	75-25-2	1,560.	25.4	25.4	ca		0.025			0.	9.8E-10
Bromomethane	74-83-9	9.6	-	9.6	nc		0.0699			0.0073	
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat		0.025			0.	
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat		0.025			0.	
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat		0.025			0.	
Chlorobenzene	108-90-7	370.	-	370.	nc		0.025			0.0001	
Chloroform	67-66-3	259.	0.454	0.454	ca		0.0464			0.0002	1.0E-07
Chloromethane	74-87-3	159.	-	159.	nc		0.025			0.0002	
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat		0.025			0.	
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat		0.025			0.	
Cumene	98-82-8	2,530.	-	268.	Csat		0.025			0.	
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca		0.0912		E	0.0153	1.2E-05
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca		0.025			0.	3.0E-09
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc		0.025			0.0007	
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat		0.025			0.	
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat		0.025			0.	
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca		0.025			0.	6.7E-09
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc		0.025			0.0002	
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca		0.025			0.	4.9E-09
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca		0.025			0.0011	6.2E-08
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat		0.025			0.	
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat		0.025				

BRRTS # : Type BRRTS No. Here (If Known)	# of Soil-Concentration Entries: 84	Please do not enter anything in this summar y!	(Cumulative) cPAH Cancer Risk  5.1E-06	Number of Individual Exceedance  2	(Cumulative) Hazard Index  0.0812	(Cumulative) Cancer Risk  2.3E-05
Bottom-Line: <b>NO! This NON-INDUSTRIAL site sampling location will need either further cleanup to lower contaminant levels or the construction of a capcover to address the direct-contact pathway.</b>						

Date of Entry: 11/8/2018  
 Date of Worksheet Used: 03/14/2017  
 List below only has contaminants with data.

Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	BTV (mg/kg)	INPUTTED Site Data (mg/kg)	cPAH Cancer Risk from Data	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat		0.025				
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat		0.025				
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat		0.025			0.	
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat		0.067			0.	
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca		0.025			0.0003	1.5E-08
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat		0.025				
Methylene Chloride	75-09-2	379.	61.8	61.8	ca		0.025			0.0001	4.0E-10
Propyl benzene	103-65-1	4,490.	-	264.	Csat		0.025			0.	
Silver	7440-22-4	391.	-	391.	nc		0.4			0.001	
Styrene	100-42-5	7,410.	-	867.	Csat		0.025			0.	
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca		0.025			0.	9.0E-09
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca		0.025			0.	3.1E-08
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc		0.025			0.0004	
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca		0.0476			0.0006	2.0E-09
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca		0.025			0.0116	1.6E-08
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat		0.025			0.	
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca		0.025		E	0.0036	4.9E-06

## Appendix B

### Boring Logs and Abandonment Forms



Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name Voit Property		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number GP-1					
Boring Drilled By: Name of crew chief (first, last) and Firm Gage Kapugi On-Site Environmental Services				Date Drilling Started 3/28/2022		Date Drilling Completed 3/28/2022		Drilling Method Geoprobe			
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level 7.5 Feet bgs		Surface Elevation 851.5 Feet		Borehole Diameter 2.0 in.	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N 1/4 of NE 1/4 of Section 5, T 7 N, R 10 E				Lat _____ ' _____ '' Long _____ ' _____ ''		Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W					
Facility ID		County Dane		County Code 13		Civil Town/City/ or Village City of Madison					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1	35		1	SILTY SAND, dark brown, dense	SM			0.4		M				
			2	LEAN CLAY with SAND, brownish grey, stiff	CL			0.4		M				
S2			3	POORLY GRADED SAND with SILT, fine to medium, dense				0.4		M				
			4											
S3	44		5	fine to coarse				0.3		M				
			6											
S4			7	EOB @ 10' bgs. Grab groundwater sample collected and then borehole abandoned with bentonite chips.				0.3		W				
			8											
			9											
			10											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm SCS Engineers	Tel: Fax:
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This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number <b>GP-2</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>				Date Drilling Started <b>3/28/2022</b>		Date Drilling Completed <b>3/28/2022</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level <b>18.5 Feet bgs</b>	
						Surface Elevation <b>863 Feet</b>	
						Borehole Diameter <b>2.0 in.</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>				Lat _____ " _____ "		Local Grid Location	
1/4 of <b>NE</b> 1/4 of Section <b>5,</b> T <b>7</b> N, R <b>10</b> E				Long _____ " _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Dane</b>		County Code <b>13</b>		Civil Town/City/ or Village <b>City of Madison</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1	52		2	WEATHERED ASPHALT and SILT (Fill) ORGANIC SOIL, dark brown	OL			0.5		M				
S2			4	LEAN CLAY, brown, stiff	CL			0.5		M				
S3	44		6	SILTY SAND, brown	SM			0.3		M				
S4			8	POORLY GRADED SAND with SILT, pale yellowish brown, fine to medium, dense, trace gravel				0.4		M				
S5			12			SP-SM			0.4		M			
S6			14						0.4		M			
S7	49		16					0.5		M				
S8			18						0.6		W			
			20	EOB @ 20' bgs. Grab groundwater sample collected before borehole abandoned with bentonite chips.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Jacob Rame* Firm **SCS Engineers** Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number <b>GP-3</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>				Date Drilling Started <b>3/28/2022</b>		Date Drilling Completed <b>3/28/2022</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level <b>19.5 Feet bgs</b>	
						Surface Elevation <b>863 Feet</b>	
						Borehole Diameter <b>2.0 in.</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>				Lat _____ " _____ "		Local Grid Location	
1/4 of NE 1/4 of Section 5, T 7 N, R 10 E				Long _____ " _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Dane</b>		County Code <b>13</b>		Civil Town/City/ or Village <b>City of Madison</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200		
S1	35		2.5	CONCRETE											
					SILTY SAND, dark brown, fine to medium, medium dense (Fill)	SM			0.3		M				
S2	39		5.0	POORLY GRADED SAND with SILT, brown, fine to coarse, dense	SP-SM			0.3		M					
					LEAN CLAY, brown, stiff	CL			0.3		M				
S3	48		7.5	POORLY GRADED SAND with SILT, brown, fine to medium, dense	SP-SM			0.2		M				Lab Sample 5-6' for VOCs	
S4								pale yellowish brown		0.2		M			
S5					0.2		M								
S6					0.3		M								
S7					0.3		M								
S8					0.4		M/W								
S9					0.4		W								
S10					0.5		W								
				EOB @ 25' bgs. Grab groundwater sample collected before borehole abandoned with bentonite chips.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Jared Rame</i>	Firm <b>SCS Engineers</b>	Tel: Fax:
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This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name Voit Property		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number GP-4	
Boring Drilled By: Name of crew chief (first, last) and Firm Gage Kapugi On-Site Environmental Services				Date Drilling Started 3/28/2022		Date Drilling Completed 3/28/2022	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level 5 Feet bgs	
						Surface Elevation 848 Feet	
						Borehole Diameter 2.0 in.	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane 1/4 of NE 1/4 of Section 5, T 7 N, R 10 E				Lat _____ ' _____ "		Local Grid Location	
				Long _____ ' _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> S	
Facility ID		County Dane		County Code 13		Civil Town/City/ or Village City of Madison	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1	52		1	ORGANIC SOIL				0.3	M					
			2	LEAN CLAY, brown, stiff	CL									
S2			3	ORGANIC SOIL with CLAY, black, medium stiff	OL		0.1	M						
			4	ORGANICS, black (Peat)	OL									
S3	41		5	POORLY GRADED SAND with SILT, dark grey, fine to medium, dense			0.2	W						
			6		SP-SM									
S4			7	fine to coarse, trace gravel			0.2	W						
			8											
			9	LEAN CLAY, greenish grey, soft	CL									
			10	EOB @ 10' bgs. Grab groundwater collected before borehole abandoned with bentonite chips.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Jacob [unclear]</i>	Firm SCS Engineers	Tel: Fax:
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This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number <b>GP-5</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>				Date Drilling Started <b>3/28/2022</b>		Date Drilling Completed <b>3/28/2022</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level <b>19 Feet bgs</b>	
						Surface Elevation <b>864 Feet</b>	
						Borehole Diameter <b>2.0 in.</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>				Lat _____ "		Local Grid Location	
<b>1/4 of NE 1/4 of Section 5, T 7 N, R 10 E</b>				Long _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> S	
Facility ID		County <b>Dane</b>		County Code <b>13</b>		Civil Town/City/ or Village <b>City of Madison</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments				
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200					
S1	35		2.5	SILTY GRAVEL, grey, dense (Fill) SILT, dark brown, medium stiff LEAN CLAY, brown, stiff	GM ML CL			0.6		M								
S2			3.0					0.3		M								
S3			5.0						0.5		M							
S4	39		7.5	POORLY GRADED SAND with GRAVEL, pale brown, fine to coarse, dense  fine to medium, yellowish brown	SP			0.6		M								
S5			10.0									0.5		M				
S6			12.5										0.4		M			
S7			15.0										0.3		M			
S8	48		17.5	fine to coarse, trace gravel				0.4		M/W								
S9			20.0									0.3		W				
S10			22.5					0.4		W								
			25.0	EOB @ 25' bgs. Grab groundwater sample collected before borehole abandoned with bentonite chips.														

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>SCS Engineers</b>	Tel: Fax:
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number <b>GP-6</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>				Date Drilling Started <b>3/28/2022</b>		Date Drilling Completed <b>3/28/2022</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level <b>20 Feet bgs</b>	
						Surface Elevation <b>866 Feet</b>	
						Borehole Diameter <b>2.0 in.</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>				Lat _____ " _____ "		Local Grid Location	
1/4 of NE 1/4 of Section 5, T 7 N, R 10 E				Long _____ " _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Dane</b>		County Code <b>13</b>		Civil Town/City/ or Village <b>City of Madison</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1	39		2.5	SILTY GRAVEL, with broken concrete (Fill)	GM			0.4		M				
				SILTY SAND with CLAY, dark brown (Fill)	SM									
S2				LEAN CLAY, brown, stiff	CL			0.5		M				
S3	31		5.0	POORLY GRADED SAND with SILT and GRAVEL, brown, fine to coarse	SP-SM			0.3		M				
S4			7.5	POORLY GRADED SAND with SILT, pale yellowish brown, fine to medium, dense				0.4		M				
S5			10.0	with gravel, fine to coarse				0.4		M				
S6			12.5					0.4		M				
S7	37		15.0					0.4		M				
S8			17.5					0.3		M				
S9	51		20.0					0.5		M/W				
S10			22.5					0.5		W				
			25.0	EOB @ 25' bgs. Grab groundwater sample collected before borehole abandoned with bentonite chips.				0.4		W				

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm <b>SCS Engineers</b>	Tel: Fax:
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number <b>GP-7</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>				Date Drilling Started <b>3/28/2022</b>		Date Drilling Completed <b>3/28/2022</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level <b>Water Not Encountered</b>	
						Surface Elevation <b>874.5 Feet</b>	
						Borehole Diameter <b>2.0 in.</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>				Lat _____ "		Local Grid Location	
<b>1/4 of NE 1/4 of Section 5, T 7 N, R 10 E</b>				Long _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Dane</b>		County Code <b>13</b>		Civil Town/City/ or Village <b>City of Madison</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200		
S1	29		2.5	SILTY SAND with GRAVEL, brown to dark brown, fine to coarse (Fill)	SM			0.5		M					
S2			5.0	POORLY GRADED SAND with SILT, brown, fine to medium, dense (Fill)	SP-SM			0.3		M					
S3	33		7.5	SILTY GRAVEL, grey to dark brown, some asphalt fragments (Fill)	GM			0.4		W					perched water
S4			10.0	LEAN CLAY with SAND, grey, some organics (peat) mixed in (Fill)	CL			0.6		M					
S5	48		12.5	with cinders and gravel (no peat)				0.8		M					Lab sample 10-12.5' for PAHs and RCRA metals
S6			15.0	SILTY GRAVEL, pale brown, dense (Fill)	GM			0.4		M					
S7	51		17.5	SILTY SAND with GRAVEL, brown (Fill) crushed asphalt at 16-16.5'	SM			0.5		M					
S8			20.0	LEAN CLAY with GRAVEL, greenish grey to brown, soft (Fill)	CL			0.5		M					Lab sample 17.5-20' for PAHs and RCRA metals
S9	35		22.5	with sand, medium stiff				0.7		M					
S10			25.0	trace cinders at 24'				0.9		M					Lab sample 22.5-25' for PAHs and RCRA metals
S11	12			SILTY GRAVEL with SAND, dark grey to brown, dense (Fill)	GM			0.6		M					Refusal at 27' bgs
				EOB @ 27' - refusal. Borehole abandoned with bentonite chips.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>SCS Engineers</b>	Tel: Fax:
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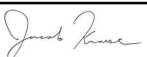
Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Note: Replacement for original GP-8,  
which had refusal at 10' bgs.

Facility/Project Name Voit Property		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number GP-8R					
Boring Drilled By: Name of crew chief (first, last) and Firm Gage Kapugi On-Site Environmental Services				Date Drilling Started 3/29/2022		Date Drilling Completed 3/29/2022		Drilling Method Geoprobe			
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level Water Not Encountered		Surface Elevation 873 Feet		Borehole Diameter 2.0 in.	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane 1/4 of NE 1/4 of Section 5, T 7 N, R 10 E				Lat _____ ' _____ "		Local Grid Location		Feet <input type="checkbox"/> N <input type="checkbox"/> S		Feet <input type="checkbox"/> E <input type="checkbox"/> W	
Facility ID		County Dane		County Code 13		Civil Town/City/ or Village City of Madison					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1	33		1.5	SANDY SILT, brown, stiff, trace gravel (Fill)				0.4		M				
S2			3.0	trace cinders 4-5'	ML			0.9					Lab Sample 4-5' for PAH and RCRA metals	
S3			4.5					0.6		M				
S4	41		7.5	SILTY GRAVEL with SAND, olive to brown, trace black cinders (Fill)	GM			0.8		M			Lab Sample 9-10' for PAH and RCRA metals	
S5			9.0	SILTY SAND, brown, dense (Fill)				0.7		M				
S6	37		10.5	color change to grey	SM			0.6		M				
			12.0											
			13.5											
			15.0	EOB @ 15.5' - refusal on concrete. Borehole abandoned with bentonite chips.									Refusal at 15.5' bgs	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm SCS Engineers	Tel: Fax:
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number	Boring Number <b>GP-9</b>
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>			Date Drilling Started <b>3/29/2022</b>	Date Drilling Completed <b>3/29/2022</b>	Drilling Method <b>Geoprobe</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Water Not Encountered</b>	Surface Elevation <b>874.50 Feet</b>	Borehole Diameter <b>2.0 in.</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ "	Local Grid Location	
1/4 of <b>NE</b> 1/4 of Section <b>5,</b> T <b>7</b> N, R <b>10 E</b>			Long _____ "	Feet <input type="checkbox"/> N      Feet <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Dane</b>	County Code <b>13</b>	Civil Town/City/ or Village <b>City of Madison</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1	37		2.5	SILTY SAND, brown, dense, trace gravel (Fill)				0.4		M				
S2			5.0		SM			0.5		M				
S3			7.5	trace brick fragments				0.7		M				
S4	38		10.0	SANDY SILT, brown, stiff (Fill)	ML			0.4		M		Lab Sample 7-8' for PAH and RCRA metals perched water		
S5			12.5	SILTY SAND, brown, dense, trace gravel (Fill)	SM			0.4		W				
S6	15.0	LEAN CLAY, dark grey, stiff, trace gravel (Fill)	CL			0.3		M						
S7	17.5	SANDY SILT, dark grey, stiff, trace gravel (Fill)	ML			0.2		M						
S8	20.0					0.4		M		Lab Sample 18-20' for PAH and RCRA metals				
S9	22.5	SILTY SAND, greyish brown, dense, trace gravel (Fill)	SM			0.7		M						
S10	25.0	SANDY SILT with CLAY, blueish grey to black, stiff, trace gravel (Fill)	ML			0.4		M		Lab Sample 23-25' for PAH and RCRA metals				
S11	27.5					0.3		M						
S12	30			POORLY GRADED SAND with SILT, brown (Possible re-worked native material) EOB @ 29' bgs - refusal. Grab groundwater sample collected and then borehole abandoned with bentonite chips.	SP-SM			0.4		M+			Refusal at 29' bgs	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Jack K...</i>	Firm <b>SCS Engineers</b>	Tel: Fax:
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number	Boring Number <b>GP-10</b>		
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>				Date Drilling Started <b>3/28/2022</b>	Date Drilling Completed <b>3/28/2022</b>	Drilling Method <b>Geoprobe</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name		Final Static Water Level <b>Water Not Encountered</b>	Surface Elevation <b>874.50 Feet</b>	Borehole Diameter <b>2.0 in.</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b> <b>1/4 of NE 1/4 of Section 5, T 7 N, R 10 E</b>				Local Grid Location Lat _____ " _____ " Long _____ " _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> S	Feet <input type="checkbox"/> E <input type="checkbox"/> W
Facility ID		County <b>Dane</b>	County Code <b>13</b>	Civil Town/City/ or Village <b>City of Madison</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200		
S1	39		2	ORGANIC SOIL with CLAY, dark brown (Topsoil)	OL										
				SILTY SAND, reddish brown (Fill)	SM			0.2		M					
S2			4	CLAYEY SAND with SILT, brown (Fill)	SC-SM			0.3		M					
S3			6	SILTY SAND with GRAVEL, brown, dense (Fill)				0.3		M					
S4			8	SILTY SAND with GRAVEL, brown, dense (Fill)	SM			0.7		M				Lab Sample 7.5-10' for PAH and RCRA metals	
S5			10	SILTY GRAVEL, grey to light brown, dense (Fill)	GM			0.6		M					
S6			12	SILTY SAND, dark brown, dense (Fill)	SM			0.8		M+				Lab Sample 12.5-15' for PAH and RCRA metals	
S7			14	LEAN CLAY with SAND, dark greyish brown (Fill)				0.6		M					
S8			16		CL			0.6		M					
			18					0.7		M					
			20	trace cinders at 20' EOB @ 20' bgs - refusal. Borehole abandoned with bentonite chips.										Refusal at 20' bgs	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>John Jones</i>	Firm <b>SCS Engineers</b>	Tel: Fax:
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number	Boring Number <b>GP-11</b>
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>			Date Drilling Started <b>3/29/2022</b>	Date Drilling Completed <b>3/29/2022</b>	Drilling Method <b>Geoprobe</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>22 Feet bgs</b>	Surface Elevation <b>865.5 Feet</b>	Borehole Diameter <b>2.0 in.</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ "	Local Grid Location	
1/4 of <b>NE</b> 1/4 of Section <b>5,</b> T <b>7</b> N, R <b>10</b> E			Long _____ "	Feet <input type="checkbox"/> N      Feet <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Dane</b>	County Code <b>13</b>	Civil Town/City/ or Village <b>City of Madison</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1	29		2.5	SILTY SAND, brown, fine to medium, dense (Fill)	SM			0.6		M				
S2			5.0	SILT, dark grey, stiff, trace sand and organics (Fill)	ML			0.8		M				Lab sample 4-5' for PAHs and RCRA metals
S3	33	7.5	SILTY SAND, grey, fine to medium, dense, trace gravel (Fill)	SM			0.6		W					
S4		10.0	LEAN CLAY, brown to light grey, soft, trace sand (Fill)	CL			0.5		M					
S5		12.5	SILT, grey to black, very stiff (Fill)	ML			0.4		M					
S6	48	15.0	SILTY SAND, grey, fine to medium, dense (Fill)	SM			0.6		M			Lab sample 13-15' for PAHs and RCRA metals		
S7		17.5	SANDY SILT, dark grey, medium stiff (Fill)	ML			0.4		M					
S8		20.0	SILTY SAND, brown, dense (Fill)	SM			0.7		M					
S9	35	22.5	POORLY GRADED SAND with SILT, brown to pale brown (Possibly native)	SP-SM			0.5		M/W			Lab sample 18-20' for PAHs and RCRA metals		
S10		25.0	EOB @ 25' bgs. Grab groundwater sample collected before borehole abandoned with bentonite chips.				0.3		W					

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>SCS Engineers</b>	Tel: Fax:
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number <b>GP-12</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>				Date Drilling Started <b>3/29/2022</b>		Date Drilling Completed <b>3/29/2022</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level <b>24 Feet bgs</b>	
						Surface Elevation <b>868 Feet</b>	
						Borehole Diameter <b>2.0 in.</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>				Lat _____ " _____ "		Local Grid Location	
1/4 of NE 1/4 of Section 5, T 7 N, R 10 E				Long _____ " _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Dane</b>		County Code <b>13</b>		Civil Town/City/ or Village <b>City of Madison</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200		
S1	34		2.5	SILT, dark brown, stiff (Fill)	ML			0.7		M					
S2			5.0	SILTY SAND with GRAVEL, brown, dense, some asphalt fragments (Fill)	SM			0.8		M					
S3	40		7.5	POORLY GRADED SAND with SILT and GRAVEL, pale brown, fine to medium, dense (Likely native)  fine to coarse				0.5		M					
S4			10.0					0.4		M					
S5	42		12.5					0.5		M					
S6			15.0					0.3		M					
S7	36		17.5					0.4		M					
S8			20.0	SP-SM				0.4		M					
S9			22.5					0.4		M					
S10	33		25.0					0.6		M/W					
S11			27.5					0.3		W					
S12	48		30.0	0.4		W									
				EOB @ 30' bgs. Grab groundwater sample collected before borehole abandoned with bentonite chips.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>James Jones</i>	Firm <b>SCS Engineers</b>	Tel: Fax:
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Voit Property</b>		SCS#: 25222051.00		License/Permit/Monitoring Number		Boring Number <b>GP-13</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Gage Kapugi On-Site Environmental Services</b>				Date Drilling Started <b>3/29/2022</b>		Date Drilling Completed <b>3/29/2022</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level <b>Water Not Encountered</b>	
						Surface Elevation <b>862 Feet</b>	
						Borehole Diameter <b>2.0 in.</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>				Lat _____ ' _____ "		Local Grid Location	
1/4 of <b>NE</b> 1/4 of Section <b>5,</b> T <b>7</b> N, R <b>10</b> E				Long _____ ' _____ "		Feet <input type="checkbox"/> N      Feet <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Dane</b>		County Code <b>13</b>		Civil Town/City/ or Village <b>City of Madison</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1	41		1.5	SILT with SAND, dark brown, medium stiff (Fill)				0.7		M				
S2			3.0	trace gravel	ML			0.8		M			Lab Sample 2.5-5' for PAHs and RCRA metals	
S3	30		4.5	LEAN CLAY with SAND, grey, soft (Fill)	CL			0.5		M				
S4			7.5					SILTY SAND with GRAVEL, grey, trace plastic debris and wood (Fill)	SM			0.4		M
S5	21		10.5	EOB @ 13' bgs - refusal. Borehole abandoned with bentonite chips				0.5		M			Lab sample 10-12.5' for PAHs and RCRA metals Refusal at 13' bgs.	
			12.0											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm <b>SCS Engineers</b>	Tel: Fax:
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This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

GP-1

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
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**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/28/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
	<b>N/A</b>

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
<b>2</b>	<b>N/A</b>

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	<b>7.5</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

Required Method of Placing Sealing Material

Conductor Pipe-Gravity       Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials

Neat Cement Grout       Concrete

Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips       Bentonite - Cement Grout

Granular Bentonite       Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>10</b>		

**6. Comments**

GP-1

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/28/2022</b>	<b>DNR Use Only</b>	
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Date Received	Noted By
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	
			Date Signed <b>04/08/2022</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

GP-2

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
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**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/28/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>N/A</b>
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Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
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Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?	Depth to Water (feet) <b>18.5</b>
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**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

**Required Method of Placing Sealing Material**

Conductor Pipe-Gravity       Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

**Sealing Materials**

Neat Cement Grout       Concrete  
 Sand-Cement (Concrete) Grout       Bentonite Chips

**For Monitoring Wells and Monitoring Well Boreholes Only:**

Bentonite Chips       Bentonite - Cement Grout  
 Granular Bentonite       Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>20</b>		

**6. Comments**

GP-2

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/28/2022</b>	<b>DNR Use Only</b>	
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Date Received	Noted By
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	
			Date Signed <b>04/08/2022</b>	

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GP-3

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
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**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/28/2022</b>	
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	
<input checked="" type="checkbox"/> Borehole / Drillhole		
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		
Total Well Depth From Ground Surface (ft.) <b>25</b>	Casing Diameter (in.) <b>N/A</b>	
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)?	Depth to Water (feet) <b>19.5</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>25</b>		

**6. Comments**

GP-3

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/28/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	Date Signed <b>04/08/2022</b>



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GP-4

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
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**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/28/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>N/A</b>
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Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
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Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?	Depth to Water (feet) <b>5</b>
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**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

**Required Method of Placing Sealing Material**

Conductor Pipe-Gravity       Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

**Sealing Materials**

Neat Cement Grout       Concrete  
 Sand-Cement (Concrete) Grout       Bentonite Chips

**For Monitoring Wells and Monitoring Well Boreholes Only:**

Bentonite Chips       Bentonite - Cement Grout  
 Granular Bentonite       Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>10</b>		

**6. Comments**

GP-4

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/28/2022</b>	<b>DNR Use Only</b>	
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Date Received	Noted By
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	
			Date Signed <b>04/08/2022</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

GP-5

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
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**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/28/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>25</b>	Casing Diameter (in.) <b>N/A</b>
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Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
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Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?	Depth to Water (feet) <b>19</b>
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**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

Required Method of Placing Sealing Material

Conductor Pipe-Gravity       Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials

Neat Cement Grout       Concrete

Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips       Bentonite - Cement Grout

Granular Bentonite       Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>25</b>		

<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>25</b>		
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**6. Comments**

GP-5

**7. Supervision of Work**

Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/28/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	Date Signed <b>04/08/2022</b>

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GP-6

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
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**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/28/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>25</b>	Casing Diameter (in.) <b>N/A</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>20</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If bentonite chips were used, were they hydrated with water from a known safe source?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Other (Explain): _____	
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	


**5. Material Used to Fill Well / Drillhole**

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>25</b>		

**6. Comments**

GP-6

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/28/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work 	Date Signed <b>04/08/2022</b>

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

GP-7

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
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**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/28/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>27</b>	Casing Diameter (in.) <b>N/A</b>
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Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
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Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?	Depth to Water (feet) <b>N/A</b>
-------------------------------	-------------------------------------

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

Required Method of Placing Sealing Material

Conductor Pipe-Gravity       Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials

Neat Cement Grout       Concrete

Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips       Bentonite - Cement Grout

Granular Bentonite       Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>27</b>		

**6. Comments**

GP-7

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/28/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	Date Signed <b>04/08/2022</b>

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

GP-8

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
--	--------------------------------------

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/29/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>N/A</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>N/A</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If bentonite chips were used, were they hydrated with water from a known safe source?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Other (Explain): _____	
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	10		

**6. Comments**

GP-8

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/29/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	Date Signed <b>04/08/2022</b>

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GP-8R

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
--	--------------------------------------

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/29/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>15.5</b>	Casing Diameter (in.) <b>N/A</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>N/A</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	15.5		

**6. Comments**

GP-8R

<b>7. Supervision of Work</b>			<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/29/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	Date Signed <b>04/08/2022</b>

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

GP-9

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
--	--------------------------------------

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/29/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>29</b>	Casing Diameter (in.) <b>N/A</b>
---	-------------------------------------

Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
--	----------------------------------

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?	Depth to Water (feet) <b>N/A</b>
-------------------------------	-------------------------------------

**5. Material Used to Fill Well / Drillhole**

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>29</b>		

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity       Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials

Neat Cement Grout       Concrete

Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips       Bentonite - Cement Grout

Granular Bentonite       Bentonite - Sand Slurry

**6. Comments**

GP-9

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/29/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	Date Signed <b>04/08/2022</b>

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

GP-10

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
--	--------------------------------------

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/28/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>N/A</b>
---	-------------------------------------

Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
--	----------------------------------

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?	Depth to Water (feet) <b>N/A</b>
-------------------------------	-------------------------------------

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>20</b>		

**6. Comments**

GP-10

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/28/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	Date Signed <b>04/08/2022</b>



**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

GP-11

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
--	--------------------------------------

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/29/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>25</b>	Casing Diameter (in.) <b>N/A</b>
---	-------------------------------------

Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
--	----------------------------------

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?	Depth to Water (feet) <b>22</b>
-------------------------------	------------------------------------

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity       Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials

Neat Cement Grout       Concrete

Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips       Bentonite - Cement Grout

Granular Bentonite       Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	25		

**6. Comments**

GP-11

<b>7. Supervision of Work</b>			<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/29/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	Date Signed <b>04/08/2022</b>



**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

GP-13

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>DANE</b>		WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ or Gov't Lot #	¼ NE	Section <b>5</b>	Township <b>7 N</b>
Well Street Address <b>3450 Milwaukee Street</b>		Range <b>10</b>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <b>Madison</b>		Well ZIP Code <b>53714</b>	
Subdivision Name		Lot #	

Facility Name <b>Voit Property</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner <b>Voit Land, LLC</b>		
Present Well Owner <b>Voit Land, LLC</b>		
Mailing Address of Present Owner <b>4526 Sandpiper Trail</b>		
City of Present Owner <b>Cottage Grove</b>	State <b>WI</b>	ZIP Code <b>53527</b>

Reason for Removal from Service <b>Investigative only</b>	WI Unique Well # of Replacement Well
--	--------------------------------------

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>03/29/2022</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>13</b>	Casing Diameter (in.) <b>N/A</b>
---	-------------------------------------

Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>N/A</b>
--	----------------------------------

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?	Depth to Water (feet) <b>N/A</b>
-------------------------------	-------------------------------------

**5. Material Used to Fill Well / Drillhole**


	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	<b>Surface</b>	<b>13</b>		

**6. Comments**

GP-13

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Jacob Krause SCS Engineers</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>03/29/2022</b>	Date Received	Noted By
Street or Route <b>2830 Dairy Drive</b>		Telephone Number <b>(608 ) 224-2830</b>	Comments	
City <b>Madison</b>	State <b>WI</b>	ZIP Code <b>53718</b>	Signature of Person Doing Work <i>Jacob Krause</i>	Date Signed <b>04/08/2022</b>



Appendix C  
Laboratory Analytical Report

April 07, 2022

Betty Socha  
SCS ENGINEERS  
2830 Dairy Drive  
Madison, WI 53718

RE: Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Dear Betty Socha:

Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## SAMPLE SUMMARY

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40242617001	GP-5	Water	03/28/22 09:45	03/30/22 08:05
40242617002	GP-3	Water	03/28/22 11:10	03/30/22 08:05
40242617003	GP-3 (5-6)	Solid	03/28/22 11:30	03/30/22 08:05
40242617004	GP-2	Water	03/28/22 12:05	03/30/22 08:05
40242617005	GP-4	Water	03/28/22 12:35	03/30/22 08:05
40242617006	GP-1	Water	03/28/22 13:00	03/30/22 08:05
40242617007	GP-6	Water	03/28/22 14:25	03/30/22 08:05
40242617008	GP-7 (10-12.5)	Solid	03/28/22 15:45	03/30/22 08:05
40242617009	GP-7 (22.5-25)	Solid	03/28/22 15:55	03/30/22 08:05
40242617010	GP-7 (17.5-20)	Solid	03/28/22 16:05	03/30/22 08:05
40242617011	GP-10 (7.5-10)	Solid	03/28/22 16:25	03/30/22 08:05
40242617012	GP-10 (12.5-15)	Solid	03/28/22 16:30	03/30/22 08:05
40242617013	GP-10 (19-20)	Solid	03/28/22 16:35	03/30/22 08:05
40242617014	GP-8R (4-5)	Solid	03/29/22 09:10	03/30/22 08:05
40242617015	GP-8R (9-10)	Solid	03/29/22 09:15	03/30/22 08:05
40242617016	GP-8R (13-14)	Solid	03/29/22 09:20	03/30/22 08:05
40242617017	GP-9 (7-8)	Solid	03/29/22 10:25	03/30/22 08:05
40242617018	GP-9 (18-20)	Solid	03/29/22 10:30	03/30/22 08:05
40242617019	GP-9 (23-25)	Solid	03/29/22 10:40	03/30/22 08:05
40242617020	GP-9	Water	03/29/22 10:55	03/30/22 08:05
40242617021	GP-11(4-5)	Solid	03/29/22 12:20	03/30/22 08:05
40242617022	GP-11(13-15)	Solid	03/29/22 12:25	03/30/22 08:05
40242617023	GP-11(18-20)	Solid	03/29/22 12:30	03/30/22 08:05
40242617024	GP-11	Water	03/29/22 12:10	03/30/22 08:05
40242617025	GP-12	Water	03/29/22 13:45	03/30/22 08:05
40242617026	GP-13(2.5-5)	Solid	03/29/22 14:10	03/30/22 08:05
40242617027	GP-13(7.5-10)	Solid	03/29/22 14:15	03/30/22 08:05
40242617028	GP-13(10-12.5)	Solid	03/29/22 14:25	03/30/22 08:05
40242617029	TRIP	Water	03/29/22 00:00	03/30/22 08:05

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40242617001	GP-5	EPA 8260	SMT	64	PASI-G
40242617002	GP-3	EPA 8260	SMT	64	PASI-G
40242617003	GP-3 (5-6)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40242617004	GP-2	EPA 8260	SMT	64	PASI-G
40242617005	GP-4	EPA 8260	SMT	64	PASI-G
40242617006	GP-1	EPA 8260	SMT	64	PASI-G
40242617007	GP-6	EPA 8260	SMT	64	PASI-G
40242617008	GP-7 (10-12.5)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40242617009	GP-7 (22.5-25)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40242617010	GP-7 (17.5-20)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40242617011	GP-10 (7.5-10)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40242617012	GP-10 (12.5-15)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40242617013	GP-10 (19-20)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40242617014	GP-8R (4-5)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40242617015	GP-8R (9-10)	EPA 6010D	TXW	7	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40242617016	GP-8R (13-14)	EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40242617017	GP-9 (7-8)	EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40242617018	GP-9 (18-20)	EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40242617019	GP-9 (23-25)	EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40242617020	GP-9	EPA 8260	SMT	64	PASI-G
40242617021	GP-11(4-5)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40242617022	GP-11(13-15)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40242617023	GP-11(18-20)	EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40242617024	GP-11	EPA 8260	SMT	64	PASI-G
40242617025	GP-12	EPA 8260	SMT	64	PASI-G
40242617026	GP-13(2.5-5)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40242617027	GP-13(7.5-10)	ASTM D2974-87	MRP	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
40242617028	GP-13(10-12.5)	ASTM D2974-87	MRP	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
40242617029	TRIP	ASTM D2974-87	MRP	1	PASI-G
		EPA 8260	SMT	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40242617001</b>	<b>GP-5</b>					
EPA 8260	Toluene	0.37J	ug/L	1.0	03/31/22 13:28	
<b>40242617002</b>	<b>GP-3</b>					
EPA 8260	Toluene	0.40J	ug/L	1.0	03/31/22 13:49	
<b>40242617003</b>	<b>GP-3 (5-6)</b>					
ASTM D2974-87	Percent Moisture	13.7	%	0.10	03/30/22 16:50	
<b>40242617004</b>	<b>GP-2</b>					
EPA 8260	Toluene	0.36J	ug/L	1.0	03/31/22 14:10	
<b>40242617007</b>	<b>GP-6</b>					
EPA 8260	Toluene	0.41J	ug/L	1.0	03/31/22 14:51	
<b>40242617008</b>	<b>GP-7 (10-12.5)</b>					
EPA 6010D	Arsenic	4.1	mg/kg	2.8	04/04/22 18:19	
EPA 6010D	Barium	58.7	mg/kg	0.56	04/04/22 18:19	
EPA 6010D	Cadmium	0.29J	mg/kg	0.56	04/04/22 18:19	
EPA 6010D	Chromium	16.2	mg/kg	1.1	04/04/22 18:19	
EPA 6010D	Lead	36.2	mg/kg	2.2	04/04/22 18:19	
EPA 7471	Mercury	0.061	mg/kg	0.039	04/05/22 09:16	
EPA 8270E by SIM	Acenaphthene	7.4J	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Acenaphthylene	9.9J	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Anthracene	25.5	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Benzo(a)anthracene	79.2	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Benzo(a)pyrene	118	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Benzo(b)fluoranthene	172	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Benzo(g,h,i)perylene	77.0	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Benzo(k)fluoranthene	69.9	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Chrysene	131	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Dibenz(a,h)anthracene	12.7J	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Fluoranthene	112	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Fluorene	8.8J	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	37.5	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	1-Methylnaphthalene	162	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	2-Methylnaphthalene	230	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Naphthalene	131	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Phenanthrene	103	ug/kg	18.9	03/31/22 16:42	
EPA 8270E by SIM	Pyrene	178	ug/kg	18.9	03/31/22 16:42	
ASTM D2974-87	Percent Moisture	11.6	%	0.10	03/30/22 16:51	
<b>40242617009</b>	<b>GP-7 (22.5-25)</b>					
EPA 6010D	Arsenic	9.2	mg/kg	2.8	04/04/22 18:21	
EPA 6010D	Barium	139	mg/kg	0.57	04/04/22 18:21	
EPA 6010D	Cadmium	0.43J	mg/kg	0.57	04/04/22 18:21	
EPA 6010D	Chromium	28.3	mg/kg	1.1	04/04/22 18:21	
EPA 6010D	Lead	57.0	mg/kg	2.3	04/04/22 18:21	
EPA 6010D	Silver	0.47J	mg/kg	1.1	04/04/22 18:21	
EPA 7471	Mercury	0.058	mg/kg	0.039	04/05/22 09:18	
EPA 8270E by SIM	Acenaphthene	470	ug/kg	394	03/31/22 16:59	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40242617009</b>	<b>GP-7 (22.5-25)</b>					
EPA 8270E by SIM	Acenaphthylene	209J	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Anthracene	1820	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Benzo(a)anthracene	3660	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Benzo(a)pyrene	3200	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Benzo(b)fluoranthene	4800	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Benzo(g,h,i)perylene	920	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Benzo(k)fluoranthene	1820	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Chrysene	3650	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Dibenz(a,h)anthracene	336J	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Fluoranthene	8550	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Fluorene	678	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	959	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	1-Methylnaphthalene	147J	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	2-Methylnaphthalene	207J	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Naphthalene	350J	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Phenanthrene	6060	ug/kg	394	03/31/22 16:59	
EPA 8270E by SIM	Pyrene	6570	ug/kg	394	03/31/22 16:59	
ASTM D2974-87	Percent Moisture	15.2	%	0.10	03/30/22 16:51	
<b>40242617010</b>	<b>GP-7 (17.5-20)</b>					
EPA 6010D	Arsenic	5.6	mg/kg	2.8	04/04/22 18:23	
EPA 6010D	Barium	130	mg/kg	0.56	04/04/22 18:23	
EPA 6010D	Cadmium	0.29J	mg/kg	0.56	04/04/22 18:23	
EPA 6010D	Chromium	20.9	mg/kg	1.1	04/04/22 18:23	
EPA 6010D	Lead	14.9	mg/kg	2.3	04/04/22 18:23	
EPA 7471	Mercury	0.033J	mg/kg	0.041	04/05/22 09:21	
EPA 8270E by SIM	Acenaphthylene	2.8J	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Anthracene	7.1J	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Benzo(a)anthracene	24.1	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Benzo(a)pyrene	24.7	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Benzo(b)fluoranthene	33.4	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Benzo(g,h,i)perylene	14.2J	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Benzo(k)fluoranthene	16.3J	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Chrysene	24.6	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Dibenz(a,h)anthracene	4.0J	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Fluoranthene	47.5	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Fluorene	2.6J	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	11.7J	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Naphthalene	3.3J	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Phenanthrene	19.5J	ug/kg	20.1	04/04/22 16:55	
EPA 8270E by SIM	Pyrene	43.5	ug/kg	20.1	04/04/22 16:55	
ASTM D2974-87	Percent Moisture	16.9	%	0.10	03/30/22 16:51	
<b>40242617011</b>	<b>GP-10 (7.5-10)</b>					
EPA 6010D	Arsenic	4.1	mg/kg	2.7	04/04/22 18:26	
EPA 6010D	Barium	58.6	mg/kg	0.53	04/04/22 18:26	
EPA 6010D	Cadmium	0.28J	mg/kg	0.53	04/04/22 18:26	
EPA 6010D	Chromium	16.0	mg/kg	1.1	04/04/22 18:26	

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40242617011</b>	<b>GP-10 (7.5-10)</b>					
EPA 6010D	Lead	13.9	mg/kg	2.1	04/04/22 18:26	
EPA 7471	Mercury	0.011J	mg/kg	0.039	04/05/22 09:23	
EPA 8270E by SIM	Acenaphthene	2.6J	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Acenaphthylene	2.5J	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Anthracene	13.6J	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Benzo(a)anthracene	37.6	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Benzo(a)pyrene	41.8	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Benzo(b)fluoranthene	54.8	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Benzo(g,h,i)perylene	29.0	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Benzo(k)fluoranthene	25.5	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Chrysene	40.8	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Dibenz(a,h)anthracene	8.0J	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Fluoranthene	90.9	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Fluorene	4.0J	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	24.7	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	1-Methylnaphthalene	3.1J	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	2-Methylnaphthalene	3.8J	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Naphthalene	3.9J	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Phenanthrene	42.2	ug/kg	18.6	04/01/22 14:41	
EPA 8270E by SIM	Pyrene	74.5	ug/kg	18.6	04/01/22 14:41	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	03/30/22 16:51	
<b>40242617012</b>	<b>GP-10 (12.5-15)</b>					
EPA 6010D	Arsenic	6.8	mg/kg	2.8	04/04/22 18:28	
EPA 6010D	Barium	92.5	mg/kg	0.56	04/04/22 18:28	
EPA 6010D	Cadmium	0.32J	mg/kg	0.56	04/04/22 18:28	
EPA 6010D	Chromium	16.3	mg/kg	1.1	04/04/22 18:28	
EPA 6010D	Lead	22.2	mg/kg	2.2	04/04/22 18:28	
EPA 7471	Mercury	0.032J	mg/kg	0.039	04/05/22 09:25	
EPA 8270E by SIM	Acenaphthene	15.5J	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Acenaphthylene	23.6J	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Anthracene	82.9	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Benzo(a)anthracene	266	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Benzo(a)pyrene	262	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Benzo(b)fluoranthene	358	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Benzo(g,h,i)perylene	150	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Benzo(k)fluoranthene	147	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Chrysene	273	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Dibenz(a,h)anthracene	38.2J	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Fluoranthene	599	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Fluorene	25.6J	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	134	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	2-Methylnaphthalene	11.0J	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Naphthalene	13.2J	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Phenanthrene	265	ug/kg	75.5	04/01/22 14:59	
EPA 8270E by SIM	Pyrene	535	ug/kg	75.5	04/01/22 14:59	
ASTM D2974-87	Percent Moisture	11.6	%	0.10	03/30/22 16:51	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40242617013</b>	<b>GP-10 (19-20)</b>					
EPA 6010D	Arsenic	5.4	mg/kg	2.8	04/04/22 18:35	
EPA 6010D	Barium	121	mg/kg	0.56	04/04/22 18:35	
EPA 6010D	Cadmium	0.30J	mg/kg	0.56	04/04/22 18:35	
EPA 6010D	Chromium	18.6	mg/kg	1.1	04/04/22 18:35	
EPA 6010D	Lead	13.2	mg/kg	2.2	04/04/22 18:35	
EPA 7471	Mercury	0.018J	mg/kg	0.037	04/05/22 09:27	
EPA 8270E by SIM	Acenaphthene	13.1J	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Acenaphthylene	42.6J	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Anthracene	41.2J	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Benzo(a)anthracene	109	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Benzo(a)pyrene	174	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Benzo(b)fluoranthene	172	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Benzo(g,h,i)perylene	179	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Benzo(k)fluoranthene	68.7J	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Chrysene	191	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Dibenz(a,h)anthracene	25.3J	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Fluoranthene	144	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Fluorene	24.2J	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	64.0J	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	1-Methylnaphthalene	13.1J	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	2-Methylnaphthalene	15.3J	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Phenanthrene	122	ug/kg	77.9	04/01/22 15:16	
EPA 8270E by SIM	Pyrene	344	ug/kg	77.9	04/01/22 15:16	
ASTM D2974-87	Percent Moisture	14.3	%	0.10	03/30/22 16:51	
<b>40242617014</b>	<b>GP-8R (4-5)</b>					
EPA 6010D	Arsenic	5.9	mg/kg	2.9	04/04/22 18:38	
EPA 6010D	Barium	146	mg/kg	0.59	04/04/22 18:38	
EPA 6010D	Cadmium	0.22J	mg/kg	0.59	04/04/22 18:38	
EPA 6010D	Chromium	23.1	mg/kg	1.2	04/04/22 18:38	
EPA 6010D	Lead	12.9	mg/kg	2.4	04/04/22 18:38	
EPA 7471	Mercury	0.034J	mg/kg	0.039	04/05/22 09:30	
EPA 8270E by SIM	Acenaphthene	28.0J	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Acenaphthylene	11.6J	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Anthracene	126	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Benzo(a)anthracene	390	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Benzo(a)pyrene	387	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Benzo(b)fluoranthene	464	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Benzo(g,h,i)perylene	204	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Benzo(k)fluoranthene	220	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Chrysene	403	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Dibenz(a,h)anthracene	60.3J	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Fluoranthene	882	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Fluorene	30.8J	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	183	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Naphthalene	8.8J	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Phenanthrene	385	ug/kg	79.4	04/01/22 15:33	
EPA 8270E by SIM	Pyrene	752	ug/kg	79.4	04/01/22 15:33	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40242617014</b>	<b>GP-8R (4-5)</b>					
ASTM D2974-87	Percent Moisture	15.8	%	0.10	03/30/22 16:51	
<b>40242617015</b>	<b>GP-8R (9-10)</b>					
EPA 6010D	Arsenic	5.0	mg/kg	2.6	04/04/22 18:40	
EPA 6010D	Barium	70.3	mg/kg	0.51	04/04/22 18:40	
EPA 6010D	Cadmium	0.33J	mg/kg	0.51	04/04/22 18:40	
EPA 6010D	Chromium	17.3	mg/kg	1.0	04/04/22 18:40	
EPA 6010D	Lead	14.7	mg/kg	2.1	04/04/22 18:40	
EPA 7471	Mercury	0.022J	mg/kg	0.037	04/05/22 09:37	
EPA 8270E by SIM	Acenaphthene	199J	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Anthracene	788	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Benzo(a)anthracene	1580	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Benzo(a)pyrene	1790	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Benzo(b)fluoranthene	2110	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Benzo(g,h,i)perylene	926	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Benzo(k)fluoranthene	878	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Chrysene	1650	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Dibenz(a,h)anthracene	255J	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Fluoranthene	3660	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Fluorene	378	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	928	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	2-Methylnaphthalene	59.2J	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Naphthalene	139J	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Phenanthrene	2590	ug/kg	366	04/01/22 15:50	
EPA 8270E by SIM	Pyrene	2670	ug/kg	366	04/01/22 15:50	
ASTM D2974-87	Percent Moisture	8.6	%	0.10	03/30/22 16:51	
<b>40242617016</b>	<b>GP-8R (13-14)</b>					
EPA 6010D	Barium	14.2	mg/kg	0.55	04/04/22 18:43	
EPA 6010D	Cadmium	0.15J	mg/kg	0.55	04/04/22 18:43	
EPA 6010D	Chromium	3.9	mg/kg	1.1	04/04/22 18:43	
EPA 6010D	Lead	5.2	mg/kg	2.2	04/04/22 18:43	
EPA 7471	Mercury	0.018J	mg/kg	0.037	04/05/22 09:39	
EPA 8270E by SIM	Acenaphthene	1260	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Acenaphthylene	106J	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Anthracene	3180	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Benzo(a)anthracene	4810	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Benzo(a)pyrene	4300	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Benzo(b)fluoranthene	5800	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Benzo(g,h,i)perylene	2520	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Benzo(k)fluoranthene	2230	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Chrysene	4800	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Dibenz(a,h)anthracene	681	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Fluoranthene	13100	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Fluorene	1790	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	2270	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	1-Methylnaphthalene	168J	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	2-Methylnaphthalene	108J	ug/kg	379	04/01/22 13:15	M1

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40242617016</b>	<b>GP-8R (13-14)</b>					
EPA 8270E by SIM	Naphthalene	231J	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Phenanthrene	9390	ug/kg	379	04/01/22 13:15	M1
EPA 8270E by SIM	Pyrene	9810	ug/kg	379	04/01/22 13:15	M1
ASTM D2974-87	Percent Moisture	12.0	%	0.10	03/30/22 16:51	
<b>40242617017</b>	<b>GP-9 (7-8)</b>					
EPA 6010D	Arsenic	2.0J	mg/kg	2.7	04/04/22 18:45	
EPA 6010D	Barium	26.4	mg/kg	0.53	04/04/22 18:45	
EPA 6010D	Cadmium	0.18J	mg/kg	0.53	04/04/22 18:45	
EPA 6010D	Chromium	7.4	mg/kg	1.1	04/04/22 18:45	
EPA 6010D	Lead	4.4	mg/kg	2.1	04/04/22 18:45	
EPA 8270E by SIM	Benzo(a)anthracene	8.9J	ug/kg	18.2	04/01/22 12:06	
EPA 8270E by SIM	Benzo(a)pyrene	9.9J	ug/kg	18.2	04/01/22 12:06	
EPA 8270E by SIM	Benzo(b)fluoranthene	15.3J	ug/kg	18.2	04/01/22 12:06	
EPA 8270E by SIM	Benzo(g,h,i)perylene	9.9J	ug/kg	18.2	04/01/22 12:06	
EPA 8270E by SIM	Benzo(k)fluoranthene	6.7J	ug/kg	18.2	04/01/22 12:06	
EPA 8270E by SIM	Chrysene	10.7J	ug/kg	18.2	04/01/22 12:06	
EPA 8270E by SIM	Fluoranthene	17.0J	ug/kg	18.2	04/01/22 12:06	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	7.1J	ug/kg	18.2	04/01/22 12:06	
EPA 8270E by SIM	Phenanthrene	5.6J	ug/kg	18.2	04/01/22 12:06	
EPA 8270E by SIM	Pyrene	13.4J	ug/kg	18.2	04/01/22 12:06	
ASTM D2974-87	Percent Moisture	8.3	%	0.10	03/30/22 16:51	
<b>40242617018</b>	<b>GP-9 (18-20)</b>					
EPA 6010D	Barium	323	mg/kg	1.3	04/05/22 14:15	
EPA 6010D	Cadmium	0.88J	mg/kg	1.3	04/05/22 14:15	D3
EPA 6010D	Chromium	34.0	mg/kg	2.5	04/05/22 14:15	
EPA 6010D	Lead	17.5	mg/kg	5.0	04/05/22 14:15	
EPA 7471	Mercury	0.094	mg/kg	0.043	04/05/22 09:44	
EPA 8270E by SIM	Anthracene	7.5J	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Benzo(a)anthracene	41.5	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Benzo(a)pyrene	44.3	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Benzo(b)fluoranthene	63.9	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Benzo(g,h,i)perylene	33.6	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Benzo(k)fluoranthene	24.6	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Chrysene	47.4	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Dibenz(a,h)anthracene	9.0J	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Fluoranthene	92.8	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Fluorene	2.7J	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	27.4	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Naphthalene	2.9J	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Phenanthrene	29.4	ug/kg	22.7	04/01/22 12:23	
EPA 8270E by SIM	Pyrene	71.0	ug/kg	22.7	04/01/22 12:23	
ASTM D2974-87	Percent Moisture	26.7	%	0.10	03/30/22 16:52	
<b>40242617019</b>	<b>GP-9 (23-25)</b>					
EPA 6010D	Arsenic	10.3	mg/kg	3.3	04/04/22 18:50	
EPA 6010D	Barium	69.0	mg/kg	0.66	04/04/22 18:50	
EPA 6010D	Cadmium	0.53J	mg/kg	0.66	04/04/22 18:50	

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40242617019</b>	<b>GP-9 (23-25)</b>					
EPA 6010D	Chromium	14.2	mg/kg	1.3	04/04/22 18:50	
EPA 6010D	Lead	13.1	mg/kg	2.7	04/04/22 18:50	
EPA 7471	Mercury	0.038J	mg/kg	0.045	04/05/22 09:46	
EPA 8270E by SIM	Anthracene	202J	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Benzo(a)anthracene	887	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Benzo(a)pyrene	999	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Benzo(b)fluoranthene	1220	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Benzo(g,h,i)perylene	682	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Benzo(k)fluoranthene	475	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Chrysene	1130	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Dibenz(a,h)anthracene	154J	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Fluoranthene	2220	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Fluorene	69.5J	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	546	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Phenanthrene	877	ug/kg	461	04/04/22 14:37	
EPA 8270E by SIM	Pyrene	1720	ug/kg	461	04/04/22 14:37	
ASTM D2974-87	Percent Moisture	27.7	%	0.10	03/30/22 16:52	
<b>40242617020</b>	<b>GP-9</b>					
EPA 8260	Toluene	0.88J	ug/L	1.0	03/31/22 11:13	
<b>40242617021</b>	<b>GP-11(4-5)</b>					
EPA 6010D	Arsenic	4.4	mg/kg	3.2	04/04/22 18:52	
EPA 6010D	Barium	119	mg/kg	0.64	04/04/22 18:52	
EPA 6010D	Cadmium	0.47J	mg/kg	0.64	04/04/22 18:52	
EPA 6010D	Chromium	21.4	mg/kg	1.3	04/04/22 18:52	
EPA 6010D	Lead	38.0	mg/kg	2.6	04/04/22 18:52	
EPA 6010D	Silver	0.41J	mg/kg	1.3	04/04/22 18:52	
EPA 7471	Mercury	0.026J	mg/kg	0.044	04/05/22 09:48	
EPA 8270E by SIM	Acenaphthene	3.7J	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Acenaphthylene	7.8J	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Anthracene	18.6J	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Benzo(a)anthracene	78.2	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Benzo(a)pyrene	94.5	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Benzo(b)fluoranthene	136	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Benzo(g,h,i)perylene	77.6	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Benzo(k)fluoranthene	48.0	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Chrysene	105	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Dibenz(a,h)anthracene	18.8J	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Fluoranthene	184	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Fluorene	4.9J	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	51.0	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	2-Methylnaphthalene	3.1J	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Naphthalene	4.6J	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Phenanthrene	60.2	ug/kg	21.4	04/04/22 14:54	
EPA 8270E by SIM	Pyrene	150	ug/kg	21.4	04/04/22 14:54	
ASTM D2974-87	Percent Moisture	22.0	%	0.10	03/30/22 16:52	

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40242617022</b>	<b>GP-11(13-15)</b>					
EPA 6010D	Arsenic	3.5	mg/kg	2.7	04/04/22 18:55	
EPA 6010D	Barium	63.1	mg/kg	0.54	04/04/22 18:55	
EPA 6010D	Cadmium	0.26J	mg/kg	0.54	04/04/22 18:55	
EPA 6010D	Chromium	15.6	mg/kg	1.1	04/04/22 18:55	
EPA 6010D	Lead	8.3	mg/kg	2.2	04/04/22 18:55	
EPA 7471	Mercury	0.012J	mg/kg	0.035	04/05/22 09:51	
EPA 8270E by SIM	Acenaphthene	5.3J	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Acenaphthylene	6.4J	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Anthracene	25.0	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Benzo(a)anthracene	90.0	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Benzo(a)pyrene	105	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Benzo(b)fluoranthene	151	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Benzo(g,h,i)perylene	54.3	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Benzo(k)fluoranthene	56.8	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Chrysene	115	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Dibenz(a,h)anthracene	14.1J	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Fluoranthene	202	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Fluorene	6.9J	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	40.2	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	1-Methylnaphthalene	4.1J	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	2-Methylnaphthalene	5.8J	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Naphthalene	7.0J	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Phenanthrene	94.7	ug/kg	18.4	04/04/22 15:11	
EPA 8270E by SIM	Pyrene	169	ug/kg	18.4	04/04/22 15:11	
ASTM D2974-87	Percent Moisture	9.1	%	0.10	03/30/22 16:52	
<b>40242617023</b>	<b>GP-11(18-20)</b>					
EPA 6010D	Arsenic	5.9	mg/kg	3.1	04/04/22 18:57	
EPA 6010D	Barium	110	mg/kg	0.61	04/04/22 18:57	
EPA 6010D	Cadmium	0.44J	mg/kg	0.61	04/04/22 18:57	
EPA 6010D	Chromium	25.5	mg/kg	1.2	04/04/22 18:57	
EPA 6010D	Lead	26.5	mg/kg	2.4	04/04/22 18:57	
EPA 6010D	Silver	0.40J	mg/kg	1.2	04/04/22 18:57	
EPA 7471	Mercury	0.044	mg/kg	0.043	04/05/22 09:53	
EPA 8270E by SIM	Acenaphthene	3.8J	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Acenaphthylene	13.9J	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Anthracene	15.6J	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Benzo(a)anthracene	86.7	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Benzo(a)pyrene	97.2	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Benzo(b)fluoranthene	126	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Benzo(g,h,i)perylene	63.9	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Benzo(k)fluoranthene	67.6	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Chrysene	104	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Dibenz(a,h)anthracene	17.0J	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Fluoranthene	150	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Fluorene	7.7J	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	53.2	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	1-Methylnaphthalene	3.4J	ug/kg	20.7	04/06/22 15:46	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40242617023</b>	<b>GP-11(18-20)</b>					
EPA 8270E by SIM	2-Methylnaphthalene	3.7J	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Naphthalene	5.6J	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Phenanthrene	49.7	ug/kg	20.7	04/06/22 15:46	
EPA 8270E by SIM	Pyrene	132	ug/kg	20.7	04/06/22 15:46	
ASTM D2974-87	Percent Moisture	19.4	%	0.10	03/30/22 16:52	
<b>40242617024</b>	<b>GP-11</b>					
EPA 8260	Toluene	1.1	ug/L	1.0	03/31/22 11:43	
<b>40242617025</b>	<b>GP-12</b>					
EPA 8260	Toluene	0.42J	ug/L	1.0	03/31/22 18:20	
<b>40242617026</b>	<b>GP-13(2.5-5)</b>					
EPA 6010D	Arsenic	7.6	mg/kg	2.8	04/04/22 19:04	
EPA 6010D	Barium	100	mg/kg	0.56	04/04/22 19:04	
EPA 6010D	Cadmium	0.38J	mg/kg	0.56	04/04/22 19:04	
EPA 6010D	Chromium	25.8	mg/kg	1.1	04/04/22 19:04	
EPA 6010D	Lead	14.6	mg/kg	2.2	04/04/22 19:04	
EPA 7471	Mercury	0.046	mg/kg	0.038	04/05/22 10:28	
EPA 8270E by SIM	Anthracene	21.9J	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Benzo(a)anthracene	173	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Benzo(a)pyrene	274	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Benzo(b)fluoranthene	440	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Benzo(g,h,i)perylene	164	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Benzo(k)fluoranthene	172	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Chrysene	242	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Dibenz(a,h)anthracene	44.7	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Fluoranthene	421	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Fluorene	7.9J	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	155	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Naphthalene	4.7J	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Phenanthrene	111	ug/kg	38.4	04/04/22 15:46	
EPA 8270E by SIM	Pyrene	351	ug/kg	38.4	04/04/22 15:46	
ASTM D2974-87	Percent Moisture	13.0	%	0.10	03/30/22 16:52	
<b>40242617027</b>	<b>GP-13(7.5-10)</b>					
EPA 6010D	Arsenic	6.8	mg/kg	3.1	04/04/22 19:06	
EPA 6010D	Barium	136	mg/kg	0.63	04/04/22 19:06	
EPA 6010D	Cadmium	0.49J	mg/kg	0.63	04/04/22 19:06	
EPA 6010D	Chromium	27.5	mg/kg	1.3	04/04/22 19:06	
EPA 6010D	Lead	45.8	mg/kg	2.5	04/04/22 19:06	
EPA 6010D	Silver	0.47J	mg/kg	1.3	04/04/22 19:06	
EPA 7471	Mercury	0.067	mg/kg	0.043	04/05/22 10:35	
EPA 8270E by SIM	Acenaphthylene	3.4J	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Anthracene	8.2J	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Benzo(a)anthracene	44.7	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Benzo(a)pyrene	46.3	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Benzo(b)fluoranthene	69.7	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Benzo(g,h,i)perylene	37.8	ug/kg	21.5	04/01/22 12:41	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40242617027</b>	<b>GP-13(7.5-10)</b>					
EPA 8270E by SIM	Benzo(k)fluoranthene	24.6	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Chrysene	49.6	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Dibenz(a,h)anthracene	8.5J	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Fluoranthene	93.5	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Fluorene	3.0J	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	30.8	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Naphthalene	8.0J	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Phenanthrene	40.2	ug/kg	21.5	04/01/22 12:41	
EPA 8270E by SIM	Pyrene	80.2	ug/kg	21.5	04/01/22 12:41	
ASTM D2974-87	Percent Moisture	22.5	%	0.10	03/30/22 16:52	
<b>40242617028</b>	<b>GP-13(10-12.5)</b>					
EPA 6010D	Arsenic	1.6J	mg/kg	2.7	04/04/22 19:09	
EPA 6010D	Barium	9.7	mg/kg	0.54	04/04/22 19:09	
EPA 6010D	Cadmium	0.41J	mg/kg	0.54	04/04/22 19:09	
EPA 6010D	Chromium	4.5	mg/kg	1.1	04/04/22 19:09	
EPA 6010D	Lead	5.1	mg/kg	2.2	04/04/22 19:09	
EPA 7471	Mercury	0.012J	mg/kg	0.039	04/05/22 10:37	
EPA 8270E by SIM	Anthracene	3.2J	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Benzo(a)anthracene	17.9J	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Benzo(a)pyrene	19.7	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Benzo(b)fluoranthene	24.5	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Benzo(g,h,i)perylene	9.5J	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Benzo(k)fluoranthene	12.4J	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Chrysene	19.6	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Fluoranthene	21.5	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	7.6J	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Naphthalene	2.7J	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Phenanthrene	6.4J	ug/kg	18.8	04/04/22 16:03	
EPA 8270E by SIM	Pyrene	24.2	ug/kg	18.8	04/04/22 16:03	
ASTM D2974-87	Percent Moisture	11.1	%	0.10	03/30/22 16:52	

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-5**      **Lab ID: 40242617001**      Collected: 03/28/22 09:45      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 13:28	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 13:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 13:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 13:28	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 13:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 13:28	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 13:28	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 13:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 13:28	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 13:28	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 13:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 13:28	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 13:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 13:28	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 13:28	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 13:28	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 13:28	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 13:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 13:28	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 13:28	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 13:28	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 13:28	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 13:28	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 13:28	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 13:28	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 13:28	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 13:28	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 13:28	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 13:28	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 13:28	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 13:28	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 13:28	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 13:28	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 13:28	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 13:28	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 13:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 13:28	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 13:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 13:28	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 13:28	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 13:28	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 13:28	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 13:28	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 13:28	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 13:28	100-42-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

**Sample: GP-5**      **Lab ID: 40242617001**      Collected: 03/28/22 09:45      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 13:28	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 13:28	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 13:28	127-18-4	
Toluene	0.37J	ug/L	1.0	0.29	1		03/31/22 13:28	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 13:28	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 13:28	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 13:28	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 13:28	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 13:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 13:28	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 13:28	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 13:28	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 13:28	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 13:28	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 13:28	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 13:28	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		03/31/22 13:28	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		03/31/22 13:28	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/31/22 13:28	2037-26-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Sample: GP-3 Lab ID: 40242617002 Collected: 03/28/22 11:10 Received: 03/30/22 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 13:49	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 13:49	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 13:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 13:49	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 13:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 13:49	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 13:49	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 13:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 13:49	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 13:49	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 13:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 13:49	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 13:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 13:49	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 13:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 13:49	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 13:49	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 13:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 13:49	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 13:49	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 13:49	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 13:49	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 13:49	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 13:49	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 13:49	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 13:49	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 13:49	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 13:49	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 13:49	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 13:49	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 13:49	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 13:49	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 13:49	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 13:49	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 13:49	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 13:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 13:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 13:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 13:49	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 13:49	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 13:49	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 13:49	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 13:49	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 13:49	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 13:49	100-42-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-3**      **Lab ID: 40242617002**      Collected: 03/28/22 11:10      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 13:49	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 13:49	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 13:49	127-18-4	
Toluene	<b>0.40J</b>	ug/L	1.0	0.29	1		03/31/22 13:49	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 13:49	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 13:49	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 13:49	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 13:49	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 13:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 13:49	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 13:49	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 13:49	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 13:49	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 13:49	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 13:49	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 13:49	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/31/22 13:49	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		03/31/22 13:49	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		03/31/22 13:49	2037-26-5	

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-3 (5-6)**      **Lab ID: 40242617003**      Collected: 03/28/22 11:30      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<15.8	ug/kg	65.9	15.8	1	03/31/22 08:00	03/31/22 19:42	630-20-6	
1,1,1-Trichloroethane	<16.9	ug/kg	65.9	16.9	1	03/31/22 08:00	03/31/22 19:42	71-55-6	
1,1,2,2-Tetrachloroethane	<23.8	ug/kg	65.9	23.8	1	03/31/22 08:00	03/31/22 19:42	79-34-5	
1,1,2-Trichloroethane	<24.0	ug/kg	65.9	24.0	1	03/31/22 08:00	03/31/22 19:42	79-00-5	
1,1-Dichloroethane	<16.9	ug/kg	65.9	16.9	1	03/31/22 08:00	03/31/22 19:42	75-34-3	
1,1-Dichloroethene	<21.9	ug/kg	65.9	21.9	1	03/31/22 08:00	03/31/22 19:42	75-35-4	
1,1-Dichloropropene	<21.3	ug/kg	65.9	21.3	1	03/31/22 08:00	03/31/22 19:42	563-58-6	
1,2,3-Trichlorobenzene	<73.4	ug/kg	329	73.4	1	03/31/22 08:00	03/31/22 19:42	87-61-6	
1,2,3-Trichloropropane	<32.0	ug/kg	65.9	32.0	1	03/31/22 08:00	03/31/22 19:42	96-18-4	
1,2,4-Trichlorobenzene	<54.3	ug/kg	329	54.3	1	03/31/22 08:00	03/31/22 19:42	120-82-1	
1,2,4-Trimethylbenzene	<19.6	ug/kg	65.9	19.6	1	03/31/22 08:00	03/31/22 19:42	95-63-6	
1,2-Dibromo-3-chloropropane	<51.1	ug/kg	329	51.1	1	03/31/22 08:00	03/31/22 19:42	96-12-8	
1,2-Dibromoethane (EDB)	<18.1	ug/kg	65.9	18.1	1	03/31/22 08:00	03/31/22 19:42	106-93-4	
1,2-Dichlorobenzene	<20.4	ug/kg	65.9	20.4	1	03/31/22 08:00	03/31/22 19:42	95-50-1	
1,2-Dichloroethane	<15.2	ug/kg	65.9	15.2	1	03/31/22 08:00	03/31/22 19:42	107-06-2	
1,2-Dichloropropane	<15.7	ug/kg	65.9	15.7	1	03/31/22 08:00	03/31/22 19:42	78-87-5	
1,3,5-Trimethylbenzene	<21.2	ug/kg	65.9	21.2	1	03/31/22 08:00	03/31/22 19:42	108-67-8	
1,3-Dichlorobenzene	<18.1	ug/kg	65.9	18.1	1	03/31/22 08:00	03/31/22 19:42	541-73-1	
1,3-Dichloropropane	<14.4	ug/kg	65.9	14.4	1	03/31/22 08:00	03/31/22 19:42	142-28-9	
1,4-Dichlorobenzene	<18.1	ug/kg	65.9	18.1	1	03/31/22 08:00	03/31/22 19:42	106-46-7	
2,2-Dichloropropane	<17.8	ug/kg	65.9	17.8	1	03/31/22 08:00	03/31/22 19:42	594-20-7	
2-Chlorotoluene	<21.3	ug/kg	65.9	21.3	1	03/31/22 08:00	03/31/22 19:42	95-49-8	
4-Chlorotoluene	<25.0	ug/kg	65.9	25.0	1	03/31/22 08:00	03/31/22 19:42	106-43-4	
Benzene	<15.7	ug/kg	26.4	15.7	1	03/31/22 08:00	03/31/22 19:42	71-43-2	
Bromobenzene	<25.7	ug/kg	65.9	25.7	1	03/31/22 08:00	03/31/22 19:42	108-86-1	
Bromochloromethane	<18.1	ug/kg	65.9	18.1	1	03/31/22 08:00	03/31/22 19:42	74-97-5	
Bromodichloromethane	<15.7	ug/kg	65.9	15.7	1	03/31/22 08:00	03/31/22 19:42	75-27-4	
Bromoform	<290	ug/kg	329	290	1	03/31/22 08:00	03/31/22 19:42	75-25-2	
Bromomethane	<92.4	ug/kg	329	92.4	1	03/31/22 08:00	03/31/22 19:42	74-83-9	
Carbon tetrachloride	<14.5	ug/kg	65.9	14.5	1	03/31/22 08:00	03/31/22 19:42	56-23-5	
Chlorobenzene	<7.9	ug/kg	65.9	7.9	1	03/31/22 08:00	03/31/22 19:42	108-90-7	
Chloroethane	<27.8	ug/kg	329	27.8	1	03/31/22 08:00	03/31/22 19:42	75-00-3	
Chloroform	<47.2	ug/kg	329	47.2	1	03/31/22 08:00	03/31/22 19:42	67-66-3	
Chloromethane	<25.0	ug/kg	65.9	25.0	1	03/31/22 08:00	03/31/22 19:42	74-87-3	
Dibromochloromethane	<225	ug/kg	329	225	1	03/31/22 08:00	03/31/22 19:42	124-48-1	
Dibromomethane	<19.5	ug/kg	65.9	19.5	1	03/31/22 08:00	03/31/22 19:42	74-95-3	
Dichlorodifluoromethane	<28.3	ug/kg	65.9	28.3	1	03/31/22 08:00	03/31/22 19:42	75-71-8	
Diisopropyl ether	<16.3	ug/kg	65.9	16.3	1	03/31/22 08:00	03/31/22 19:42	108-20-3	
Ethylbenzene	<15.7	ug/kg	65.9	15.7	1	03/31/22 08:00	03/31/22 19:42	100-41-4	
Hexachloro-1,3-butadiene	<131	ug/kg	329	131	1	03/31/22 08:00	03/31/22 19:42	87-68-3	
Isopropylbenzene (Cumene)	<17.8	ug/kg	65.9	17.8	1	03/31/22 08:00	03/31/22 19:42	98-82-8	
Methyl-tert-butyl ether	<19.4	ug/kg	65.9	19.4	1	03/31/22 08:00	03/31/22 19:42	1634-04-4	
Methylene Chloride	<18.3	ug/kg	65.9	18.3	1	03/31/22 08:00	03/31/22 19:42	75-09-2	
Naphthalene	<20.6	ug/kg	329	20.6	1	03/31/22 08:00	03/31/22 19:42	91-20-3	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

**Sample: GP-3 (5-6)**      **Lab ID: 40242617003**      Collected: 03/28/22 11:30      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<16.9	ug/kg	65.9	16.9	1	03/31/22 08:00	03/31/22 19:42	100-42-5	
Tetrachloroethene	<25.6	ug/kg	65.9	25.6	1	03/31/22 08:00	03/31/22 19:42	127-18-4	
Toluene	<16.6	ug/kg	65.9	16.6	1	03/31/22 08:00	03/31/22 19:42	108-88-3	
Trichloroethene	<24.6	ug/kg	65.9	24.6	1	03/31/22 08:00	03/31/22 19:42	79-01-6	
Trichlorofluoromethane	<19.1	ug/kg	65.9	19.1	1	03/31/22 08:00	03/31/22 19:42	75-69-4	
Vinyl chloride	<13.3	ug/kg	65.9	13.3	1	03/31/22 08:00	03/31/22 19:42	75-01-4	
cis-1,2-Dichloroethene	<14.1	ug/kg	65.9	14.1	1	03/31/22 08:00	03/31/22 19:42	156-59-2	
cis-1,3-Dichloropropene	<43.5	ug/kg	329	43.5	1	03/31/22 08:00	03/31/22 19:42	10061-01-5	
m&p-Xylene	<27.8	ug/kg	132	27.8	1	03/31/22 08:00	03/31/22 19:42	179601-23-1	
n-Butylbenzene	<30.2	ug/kg	65.9	30.2	1	03/31/22 08:00	03/31/22 19:42	104-51-8	
n-Propylbenzene	<15.8	ug/kg	65.9	15.8	1	03/31/22 08:00	03/31/22 19:42	103-65-1	
o-Xylene	<19.8	ug/kg	65.9	19.8	1	03/31/22 08:00	03/31/22 19:42	95-47-6	
p-Isopropyltoluene	<20.0	ug/kg	65.9	20.0	1	03/31/22 08:00	03/31/22 19:42	99-87-6	
sec-Butylbenzene	<16.1	ug/kg	65.9	16.1	1	03/31/22 08:00	03/31/22 19:42	135-98-8	
tert-Butylbenzene	<20.7	ug/kg	65.9	20.7	1	03/31/22 08:00	03/31/22 19:42	98-06-6	
trans-1,2-Dichloroethene	<14.2	ug/kg	65.9	14.2	1	03/31/22 08:00	03/31/22 19:42	156-60-5	
trans-1,3-Dichloropropene	<188	ug/kg	329	188	1	03/31/22 08:00	03/31/22 19:42	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	116	%	67-159		1	03/31/22 08:00	03/31/22 19:42	2037-26-5	
4-Bromofluorobenzene (S)	124	%	66-153		1	03/31/22 08:00	03/31/22 19:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	112	%	82-158		1	03/31/22 08:00	03/31/22 19:42	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.7	%	0.10	0.10	1		03/30/22 16:50		

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

**Sample: GP-2**      **Lab ID: 40242617004**      Collected: 03/28/22 12:05      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 14:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:10	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 14:10	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 14:10	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 14:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 14:10	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 14:10	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 14:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 14:10	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 14:10	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 14:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 14:10	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 14:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 14:10	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 14:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 14:10	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 14:10	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 14:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 14:10	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 14:10	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 14:10	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 14:10	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 14:10	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 14:10	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 14:10	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 14:10	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 14:10	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 14:10	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 14:10	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 14:10	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 14:10	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 14:10	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 14:10	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:10	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 14:10	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 14:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 14:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 14:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 14:10	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 14:10	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 14:10	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 14:10	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 14:10	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 14:10	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:10	100-42-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Sample: GP-2 Lab ID: 40242617004 Collected: 03/28/22 12:05 Received: 03/30/22 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 14:10	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 14:10	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 14:10	127-18-4	
Toluene	0.36J	ug/L	1.0	0.29	1		03/31/22 14:10	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 14:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 14:10	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 14:10	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 14:10	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 14:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 14:10	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 14:10	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 14:10	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:10	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 14:10	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 14:10	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 14:10	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		03/31/22 14:10	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		03/31/22 14:10	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		03/31/22 14:10	2037-26-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Sample: GP-4 Lab ID: 40242617005 Collected: 03/28/22 12:35 Received: 03/30/22 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 18:41	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 18:41	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 18:41	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 18:41	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 18:41	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 18:41	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 18:41	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 18:41	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 18:41	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 18:41	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 18:41	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 18:41	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 18:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 18:41	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 18:41	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 18:41	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 18:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 18:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 18:41	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 18:41	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 18:41	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 18:41	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 18:41	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 18:41	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 18:41	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 18:41	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 18:41	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 18:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 18:41	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 18:41	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 18:41	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 18:41	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 18:41	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 18:41	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 18:41	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 18:41	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 18:41	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 18:41	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 18:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 18:41	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 18:41	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 18:41	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 18:41	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 18:41	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 18:41	100-42-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-4**      **Lab ID: 40242617005**      Collected: 03/28/22 12:35      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 18:41	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 18:41	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 18:41	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		03/31/22 18:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 18:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 18:41	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 18:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 18:41	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 18:41	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 18:41	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 18:41	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 18:41	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 18:41	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 18:41	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 18:41	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 18:41	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/31/22 18:41	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		03/31/22 18:41	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/31/22 18:41	2037-26-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Sample: GP-1 Lab ID: 40242617006 Collected: 03/28/22 13:00 Received: 03/30/22 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 14:30	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:30	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 14:30	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 14:30	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 14:30	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 14:30	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 14:30	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 14:30	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 14:30	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 14:30	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 14:30	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 14:30	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 14:30	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 14:30	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 14:30	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 14:30	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 14:30	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 14:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 14:30	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 14:30	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 14:30	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 14:30	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 14:30	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 14:30	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 14:30	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 14:30	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 14:30	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 14:30	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 14:30	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 14:30	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 14:30	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 14:30	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 14:30	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:30	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 14:30	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 14:30	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 14:30	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 14:30	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 14:30	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 14:30	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 14:30	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 14:30	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 14:30	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 14:30	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:30	100-42-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-1**      **Lab ID: 40242617006**      Collected: 03/28/22 13:00      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 14:30	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 14:30	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 14:30	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		03/31/22 14:30	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 14:30	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 14:30	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 14:30	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 14:30	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 14:30	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 14:30	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 14:30	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 14:30	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:30	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 14:30	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 14:30	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 14:30	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		03/31/22 14:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/31/22 14:30	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/31/22 14:30	2037-26-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Sample: GP-6 Lab ID: 40242617007 Collected: 03/28/22 14:25 Received: 03/30/22 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 14:51	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:51	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 14:51	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 14:51	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 14:51	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 14:51	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 14:51	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 14:51	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 14:51	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 14:51	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 14:51	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 14:51	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 14:51	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 14:51	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 14:51	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 14:51	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 14:51	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 14:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 14:51	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 14:51	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 14:51	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 14:51	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 14:51	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 14:51	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 14:51	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 14:51	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 14:51	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 14:51	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 14:51	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 14:51	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 14:51	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 14:51	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 14:51	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:51	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 14:51	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 14:51	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 14:51	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 14:51	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 14:51	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 14:51	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 14:51	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 14:51	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 14:51	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 14:51	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:51	100-42-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Sample: GP-6 Lab ID: 40242617007 Collected: 03/28/22 14:25 Received: 03/30/22 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 14:51	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 14:51	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 14:51	127-18-4	
Toluene	0.41J	ug/L	1.0	0.29	1		03/31/22 14:51	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 14:51	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 14:51	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 14:51	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 14:51	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 14:51	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 14:51	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 14:51	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 14:51	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 14:51	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 14:51	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 14:51	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 14:51	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		03/31/22 14:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		03/31/22 14:51	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/31/22 14:51	2037-26-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-7 (10-12.5)**      **Lab ID: 40242617008**      Collected: 03/28/22 15:45      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.1	mg/kg	2.8	1.6	1	04/04/22 07:01	04/04/22 18:19	7440-38-2	
Barium	58.7	mg/kg	0.56	0.17	1	04/04/22 07:01	04/04/22 18:19	7440-39-3	
Cadmium	0.29J	mg/kg	0.56	0.15	1	04/04/22 07:01	04/04/22 18:19	7440-43-9	
Chromium	16.2	mg/kg	1.1	0.31	1	04/04/22 07:01	04/04/22 18:19	7440-47-3	
Lead	36.2	mg/kg	2.2	0.67	1	04/04/22 07:01	04/04/22 18:19	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	04/04/22 07:01	04/04/22 18:19	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	04/04/22 07:01	04/04/22 18:19	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.061	mg/kg	0.039	0.011	1	04/04/22 11:41	04/05/22 09:16	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	7.4J	ug/kg	18.9	2.4	1	03/31/22 07:52	03/31/22 16:42	83-32-9	
Acenaphthylene	9.9J	ug/kg	18.9	2.4	1	03/31/22 07:52	03/31/22 16:42	208-96-8	
Anthracene	25.5	ug/kg	18.9	2.3	1	03/31/22 07:52	03/31/22 16:42	120-12-7	
Benzo(a)anthracene	79.2	ug/kg	18.9	2.4	1	03/31/22 07:52	03/31/22 16:42	56-55-3	
Benzo(a)pyrene	118	ug/kg	18.9	2.1	1	03/31/22 07:52	03/31/22 16:42	50-32-8	
Benzo(b)fluoranthene	172	ug/kg	18.9	2.6	1	03/31/22 07:52	03/31/22 16:42	205-99-2	
Benzo(g,h,i)perylene	77.0	ug/kg	18.9	3.3	1	03/31/22 07:52	03/31/22 16:42	191-24-2	
Benzo(k)fluoranthene	69.9	ug/kg	18.9	2.4	1	03/31/22 07:52	03/31/22 16:42	207-08-9	
Chrysene	131	ug/kg	18.9	3.6	1	03/31/22 07:52	03/31/22 16:42	218-01-9	
Dibenz(a,h)anthracene	12.7J	ug/kg	18.9	2.6	1	03/31/22 07:52	03/31/22 16:42	53-70-3	
Fluoranthene	112	ug/kg	18.9	2.2	1	03/31/22 07:52	03/31/22 16:42	206-44-0	
Fluorene	8.8J	ug/kg	18.9	2.3	1	03/31/22 07:52	03/31/22 16:42	86-73-7	
Indeno(1,2,3-cd)pyrene	37.5	ug/kg	18.9	3.9	1	03/31/22 07:52	03/31/22 16:42	193-39-5	
1-Methylnaphthalene	162	ug/kg	18.9	2.8	1	03/31/22 07:52	03/31/22 16:42	90-12-0	
2-Methylnaphthalene	230	ug/kg	18.9	2.8	1	03/31/22 07:52	03/31/22 16:42	91-57-6	
Naphthalene	131	ug/kg	18.9	1.8	1	03/31/22 07:52	03/31/22 16:42	91-20-3	
Phenanthrene	103	ug/kg	18.9	2.2	1	03/31/22 07:52	03/31/22 16:42	85-01-8	
Pyrene	178	ug/kg	18.9	2.8	1	03/31/22 07:52	03/31/22 16:42	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	36-86		1	03/31/22 07:52	03/31/22 16:42	321-60-8	
Terphenyl-d14 (S)	73	%	41-97		1	03/31/22 07:52	03/31/22 16:42	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.6	%	0.10	0.10	1		03/30/22 16:51		

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-7 (22.5-25)**      **Lab ID: 40242617009**      Collected: 03/28/22 15:55      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	9.2	mg/kg	2.8	1.7	1	04/04/22 07:01	04/04/22 18:21	7440-38-2	
Barium	139	mg/kg	0.57	0.17	1	04/04/22 07:01	04/04/22 18:21	7440-39-3	
Cadmium	0.43J	mg/kg	0.57	0.15	1	04/04/22 07:01	04/04/22 18:21	7440-43-9	
Chromium	28.3	mg/kg	1.1	0.32	1	04/04/22 07:01	04/04/22 18:21	7440-47-3	
Lead	57.0	mg/kg	2.3	0.68	1	04/04/22 07:01	04/04/22 18:21	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	04/04/22 07:01	04/04/22 18:21	7782-49-2	
Silver	0.47J	mg/kg	1.1	0.35	1	04/04/22 07:01	04/04/22 18:21	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.058	mg/kg	0.039	0.011	1	04/04/22 11:41	04/05/22 09:18	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	470	ug/kg	394	51.1	20	03/31/22 07:52	03/31/22 16:59	83-32-9	
Acenaphthylene	209J	ug/kg	394	49.7	20	03/31/22 07:52	03/31/22 16:59	208-96-8	
Anthracene	1820	ug/kg	394	48.9	20	03/31/22 07:52	03/31/22 16:59	120-12-7	
Benzo(a)anthracene	3660	ug/kg	394	50.9	20	03/31/22 07:52	03/31/22 16:59	56-55-3	
Benzo(a)pyrene	3200	ug/kg	394	44.8	20	03/31/22 07:52	03/31/22 16:59	50-32-8	
Benzo(b)fluoranthene	4800	ug/kg	394	54.7	20	03/31/22 07:52	03/31/22 16:59	205-99-2	
Benzo(g,h,i)perylene	920	ug/kg	394	69.2	20	03/31/22 07:52	03/31/22 16:59	191-24-2	
Benzo(k)fluoranthene	1820	ug/kg	394	50.4	20	03/31/22 07:52	03/31/22 16:59	207-08-9	
Chrysene	3650	ug/kg	394	74.3	20	03/31/22 07:52	03/31/22 16:59	218-01-9	
Dibenz(a,h)anthracene	336J	ug/kg	394	54.6	20	03/31/22 07:52	03/31/22 16:59	53-70-3	
Fluoranthene	8550	ug/kg	394	46.6	20	03/31/22 07:52	03/31/22 16:59	206-44-0	
Fluorene	678	ug/kg	394	47.3	20	03/31/22 07:52	03/31/22 16:59	86-73-7	
Indeno(1,2,3-cd)pyrene	959	ug/kg	394	82.1	20	03/31/22 07:52	03/31/22 16:59	193-39-5	
1-Methylnaphthalene	147J	ug/kg	394	57.6	20	03/31/22 07:52	03/31/22 16:59	90-12-0	
2-Methylnaphthalene	207J	ug/kg	394	57.6	20	03/31/22 07:52	03/31/22 16:59	91-57-6	
Naphthalene	350J	ug/kg	394	38.4	20	03/31/22 07:52	03/31/22 16:59	91-20-3	
Phenanthrene	6060	ug/kg	394	45.1	20	03/31/22 07:52	03/31/22 16:59	85-01-8	
Pyrene	6570	ug/kg	394	57.9	20	03/31/22 07:52	03/31/22 16:59	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	60	%	36-86		20	03/31/22 07:52	03/31/22 16:59	321-60-8	
Terphenyl-d14 (S)	67	%	41-97		20	03/31/22 07:52	03/31/22 16:59	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.2	%	0.10	0.10	1		03/30/22 16:51		

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-7 (17.5-20)**      **Lab ID: 40242617010**      Collected: 03/28/22 16:05      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.6	mg/kg	2.8	1.7	1	04/04/22 07:01	04/04/22 18:23	7440-38-2	
Barium	130	mg/kg	0.56	0.17	1	04/04/22 07:01	04/04/22 18:23	7440-39-3	
Cadmium	0.29J	mg/kg	0.56	0.15	1	04/04/22 07:01	04/04/22 18:23	7440-43-9	
Chromium	20.9	mg/kg	1.1	0.31	1	04/04/22 07:01	04/04/22 18:23	7440-47-3	
Lead	14.9	mg/kg	2.3	0.68	1	04/04/22 07:01	04/04/22 18:23	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	04/04/22 07:01	04/04/22 18:23	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	04/04/22 07:01	04/04/22 18:23	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.033J	mg/kg	0.041	0.012	1	04/04/22 11:41	04/05/22 09:21	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<2.6	ug/kg	20.1	2.6	1	04/04/22 07:47	04/04/22 16:55	83-32-9	
Acenaphthylene	2.8J	ug/kg	20.1	2.5	1	04/04/22 07:47	04/04/22 16:55	208-96-8	
Anthracene	7.1J	ug/kg	20.1	2.5	1	04/04/22 07:47	04/04/22 16:55	120-12-7	
Benzo(a)anthracene	24.1	ug/kg	20.1	2.6	1	04/04/22 07:47	04/04/22 16:55	56-55-3	
Benzo(a)pyrene	24.7	ug/kg	20.1	2.3	1	04/04/22 07:47	04/04/22 16:55	50-32-8	
Benzo(b)fluoranthene	33.4	ug/kg	20.1	2.8	1	04/04/22 07:47	04/04/22 16:55	205-99-2	
Benzo(g,h,i)perylene	14.2J	ug/kg	20.1	3.5	1	04/04/22 07:47	04/04/22 16:55	191-24-2	
Benzo(k)fluoranthene	16.3J	ug/kg	20.1	2.6	1	04/04/22 07:47	04/04/22 16:55	207-08-9	
Chrysene	24.6	ug/kg	20.1	3.8	1	04/04/22 07:47	04/04/22 16:55	218-01-9	
Dibenz(a,h)anthracene	4.0J	ug/kg	20.1	2.8	1	04/04/22 07:47	04/04/22 16:55	53-70-3	
Fluoranthene	47.5	ug/kg	20.1	2.4	1	04/04/22 07:47	04/04/22 16:55	206-44-0	
Fluorene	2.6J	ug/kg	20.1	2.4	1	04/04/22 07:47	04/04/22 16:55	86-73-7	
Indeno(1,2,3-cd)pyrene	11.7J	ug/kg	20.1	4.2	1	04/04/22 07:47	04/04/22 16:55	193-39-5	
1-Methylnaphthalene	<2.9	ug/kg	20.1	2.9	1	04/04/22 07:47	04/04/22 16:55	90-12-0	
2-Methylnaphthalene	<2.9	ug/kg	20.1	2.9	1	04/04/22 07:47	04/04/22 16:55	91-57-6	
Naphthalene	3.3J	ug/kg	20.1	2.0	1	04/04/22 07:47	04/04/22 16:55	91-20-3	
Phenanthrene	19.5J	ug/kg	20.1	2.3	1	04/04/22 07:47	04/04/22 16:55	85-01-8	
Pyrene	43.5	ug/kg	20.1	3.0	1	04/04/22 07:47	04/04/22 16:55	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	75	%	36-86		1	04/04/22 07:47	04/04/22 16:55	321-60-8	
Terphenyl-d14 (S)	87	%	41-97		1	04/04/22 07:47	04/04/22 16:55	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.9	%	0.10	0.10	1		03/30/22 16:51		

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-10 (7.5-10)**      **Lab ID: 40242617011**      Collected: 03/28/22 16:25      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.1	mg/kg	2.7	1.6	1	04/04/22 07:01	04/04/22 18:26	7440-38-2	
Barium	58.6	mg/kg	0.53	0.16	1	04/04/22 07:01	04/04/22 18:26	7440-39-3	
Cadmium	0.28J	mg/kg	0.53	0.14	1	04/04/22 07:01	04/04/22 18:26	7440-43-9	
Chromium	16.0	mg/kg	1.1	0.29	1	04/04/22 07:01	04/04/22 18:26	7440-47-3	
Lead	13.9	mg/kg	2.1	0.64	1	04/04/22 07:01	04/04/22 18:26	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	04/04/22 07:01	04/04/22 18:26	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	04/04/22 07:01	04/04/22 18:26	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.011J	mg/kg	0.039	0.011	1	04/04/22 11:41	04/05/22 09:23	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	2.6J	ug/kg	18.6	2.4	1	04/01/22 08:05	04/01/22 14:41	83-32-9	
Acenaphthylene	2.5J	ug/kg	18.6	2.3	1	04/01/22 08:05	04/01/22 14:41	208-96-8	
Anthracene	13.6J	ug/kg	18.6	2.3	1	04/01/22 08:05	04/01/22 14:41	120-12-7	
Benzo(a)anthracene	37.6	ug/kg	18.6	2.4	1	04/01/22 08:05	04/01/22 14:41	56-55-3	
Benzo(a)pyrene	41.8	ug/kg	18.6	2.1	1	04/01/22 08:05	04/01/22 14:41	50-32-8	
Benzo(b)fluoranthene	54.8	ug/kg	18.6	2.6	1	04/01/22 08:05	04/01/22 14:41	205-99-2	
Benzo(g,h,i)perylene	29.0	ug/kg	18.6	3.3	1	04/01/22 08:05	04/01/22 14:41	191-24-2	
Benzo(k)fluoranthene	25.5	ug/kg	18.6	2.4	1	04/01/22 08:05	04/01/22 14:41	207-08-9	
Chrysene	40.8	ug/kg	18.6	3.5	1	04/01/22 08:05	04/01/22 14:41	218-01-9	
Dibenz(a,h)anthracene	8.0J	ug/kg	18.6	2.6	1	04/01/22 08:05	04/01/22 14:41	53-70-3	
Fluoranthene	90.9	ug/kg	18.6	2.2	1	04/01/22 08:05	04/01/22 14:41	206-44-0	
Fluorene	4.0J	ug/kg	18.6	2.2	1	04/01/22 08:05	04/01/22 14:41	86-73-7	
Indeno(1,2,3-cd)pyrene	24.7	ug/kg	18.6	3.9	1	04/01/22 08:05	04/01/22 14:41	193-39-5	
1-Methylnaphthalene	3.1J	ug/kg	18.6	2.7	1	04/01/22 08:05	04/01/22 14:41	90-12-0	
2-Methylnaphthalene	3.8J	ug/kg	18.6	2.7	1	04/01/22 08:05	04/01/22 14:41	91-57-6	
Naphthalene	3.9J	ug/kg	18.6	1.8	1	04/01/22 08:05	04/01/22 14:41	91-20-3	
Phenanthrene	42.2	ug/kg	18.6	2.1	1	04/01/22 08:05	04/01/22 14:41	85-01-8	
Pyrene	74.5	ug/kg	18.6	2.7	1	04/01/22 08:05	04/01/22 14:41	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	72	%	36-86		1	04/01/22 08:05	04/01/22 14:41	321-60-8	
Terphenyl-d14 (S)	73	%	41-97		1	04/01/22 08:05	04/01/22 14:41	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.3	%	0.10	0.10	1		03/30/22 16:51		

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-10 (12.5-15)**      **Lab ID: 40242617012**      Collected: 03/28/22 16:30      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	6.8	mg/kg	2.8	1.6	1	04/04/22 07:01	04/04/22 18:28	7440-38-2	
Barium	92.5	mg/kg	0.56	0.17	1	04/04/22 07:01	04/04/22 18:28	7440-39-3	
Cadmium	0.32J	mg/kg	0.56	0.15	1	04/04/22 07:01	04/04/22 18:28	7440-43-9	
Chromium	16.3	mg/kg	1.1	0.31	1	04/04/22 07:01	04/04/22 18:28	7440-47-3	
Lead	22.2	mg/kg	2.2	0.67	1	04/04/22 07:01	04/04/22 18:28	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	04/04/22 07:01	04/04/22 18:28	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	04/04/22 07:01	04/04/22 18:28	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.032J	mg/kg	0.039	0.011	1	04/04/22 11:41	04/05/22 09:25	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	15.5J	ug/kg	75.5	9.8	4	04/01/22 08:05	04/01/22 14:59	83-32-9	
Acenaphthylene	23.6J	ug/kg	75.5	9.5	4	04/01/22 08:05	04/01/22 14:59	208-96-8	
Anthracene	82.9	ug/kg	75.5	9.4	4	04/01/22 08:05	04/01/22 14:59	120-12-7	
Benzo(a)anthracene	266	ug/kg	75.5	9.8	4	04/01/22 08:05	04/01/22 14:59	56-55-3	
Benzo(a)pyrene	262	ug/kg	75.5	8.6	4	04/01/22 08:05	04/01/22 14:59	50-32-8	
Benzo(b)fluoranthene	358	ug/kg	75.5	10.5	4	04/01/22 08:05	04/01/22 14:59	205-99-2	
Benzo(g,h,i)perylene	150	ug/kg	75.5	13.2	4	04/01/22 08:05	04/01/22 14:59	191-24-2	
Benzo(k)fluoranthene	147	ug/kg	75.5	9.6	4	04/01/22 08:05	04/01/22 14:59	207-08-9	
Chrysene	273	ug/kg	75.5	14.2	4	04/01/22 08:05	04/01/22 14:59	218-01-9	
Dibenz(a,h)anthracene	38.2J	ug/kg	75.5	10.4	4	04/01/22 08:05	04/01/22 14:59	53-70-3	
Fluoranthene	599	ug/kg	75.5	8.9	4	04/01/22 08:05	04/01/22 14:59	206-44-0	
Fluorene	25.6J	ug/kg	75.5	9.0	4	04/01/22 08:05	04/01/22 14:59	86-73-7	
Indeno(1,2,3-cd)pyrene	134	ug/kg	75.5	15.7	4	04/01/22 08:05	04/01/22 14:59	193-39-5	
1-Methylnaphthalene	<11.0	ug/kg	75.5	11.0	4	04/01/22 08:05	04/01/22 14:59	90-12-0	
2-Methylnaphthalene	11.0J	ug/kg	75.5	11.0	4	04/01/22 08:05	04/01/22 14:59	91-57-6	
Naphthalene	13.2J	ug/kg	75.5	7.4	4	04/01/22 08:05	04/01/22 14:59	91-20-3	
Phenanthrene	265	ug/kg	75.5	8.6	4	04/01/22 08:05	04/01/22 14:59	85-01-8	
Pyrene	535	ug/kg	75.5	11.1	4	04/01/22 08:05	04/01/22 14:59	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	73	%	36-86		4	04/01/22 08:05	04/01/22 14:59	321-60-8	
Terphenyl-d14 (S)	80	%	41-97		4	04/01/22 08:05	04/01/22 14:59	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.6	%	0.10	0.10	1		03/30/22 16:51		

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-10 (19-20)**      **Lab ID: 40242617013**      Collected: 03/28/22 16:35      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.4	mg/kg	2.8	1.6	1	04/04/22 07:01	04/04/22 18:35	7440-38-2	
Barium	121	mg/kg	0.56	0.17	1	04/04/22 07:01	04/04/22 18:35	7440-39-3	
Cadmium	0.30J	mg/kg	0.56	0.15	1	04/04/22 07:01	04/04/22 18:35	7440-43-9	
Chromium	18.6	mg/kg	1.1	0.31	1	04/04/22 07:01	04/04/22 18:35	7440-47-3	
Lead	13.2	mg/kg	2.2	0.67	1	04/04/22 07:01	04/04/22 18:35	7439-92-1	
Selenium	<1.5	mg/kg	4.4	1.5	1	04/04/22 07:01	04/04/22 18:35	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	04/04/22 07:01	04/04/22 18:35	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.018J	mg/kg	0.037	0.011	1	04/04/22 11:41	04/05/22 09:27	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	13.1J	ug/kg	77.9	10.1	4	04/01/22 08:05	04/01/22 15:16	83-32-9	
Acenaphthylene	42.6J	ug/kg	77.9	9.8	4	04/01/22 08:05	04/01/22 15:16	208-96-8	
Anthracene	41.2J	ug/kg	77.9	9.7	4	04/01/22 08:05	04/01/22 15:16	120-12-7	
Benzo(a)anthracene	109	ug/kg	77.9	10.1	4	04/01/22 08:05	04/01/22 15:16	56-55-3	
Benzo(a)pyrene	174	ug/kg	77.9	8.9	4	04/01/22 08:05	04/01/22 15:16	50-32-8	
Benzo(b)fluoranthene	172	ug/kg	77.9	10.8	4	04/01/22 08:05	04/01/22 15:16	205-99-2	
Benzo(g,h,i)perylene	179	ug/kg	77.9	13.7	4	04/01/22 08:05	04/01/22 15:16	191-24-2	
Benzo(k)fluoranthene	68.7J	ug/kg	77.9	10	4	04/01/22 08:05	04/01/22 15:16	207-08-9	
Chrysene	191	ug/kg	77.9	14.7	4	04/01/22 08:05	04/01/22 15:16	218-01-9	
Dibenz(a,h)anthracene	25.3J	ug/kg	77.9	10.8	4	04/01/22 08:05	04/01/22 15:16	53-70-3	
Fluoranthene	144	ug/kg	77.9	9.2	4	04/01/22 08:05	04/01/22 15:16	206-44-0	
Fluorene	24.2J	ug/kg	77.9	9.3	4	04/01/22 08:05	04/01/22 15:16	86-73-7	
Indeno(1,2,3-cd)pyrene	64.0J	ug/kg	77.9	16.2	4	04/01/22 08:05	04/01/22 15:16	193-39-5	
1-Methylnaphthalene	13.1J	ug/kg	77.9	11.4	4	04/01/22 08:05	04/01/22 15:16	90-12-0	
2-Methylnaphthalene	15.3J	ug/kg	77.9	11.4	4	04/01/22 08:05	04/01/22 15:16	91-57-6	
Naphthalene	<7.6	ug/kg	77.9	7.6	4	04/01/22 08:05	04/01/22 15:16	91-20-3	
Phenanthrene	122	ug/kg	77.9	8.9	4	04/01/22 08:05	04/01/22 15:16	85-01-8	
Pyrene	344	ug/kg	77.9	11.4	4	04/01/22 08:05	04/01/22 15:16	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	48	%	36-86		4	04/01/22 08:05	04/01/22 15:16	321-60-8	
Terphenyl-d14 (S)	48	%	41-97		4	04/01/22 08:05	04/01/22 15:16	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.3	%	0.10	0.10	1		03/30/22 16:51		

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

**Sample: GP-8R (4-5)**      **Lab ID: 40242617014**      Collected: 03/29/22 09:10      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.9	mg/kg	2.9	1.7	1	04/04/22 07:01	04/04/22 18:38	7440-38-2	
Barium	146	mg/kg	0.59	0.18	1	04/04/22 07:01	04/04/22 18:38	7440-39-3	
Cadmium	0.22J	mg/kg	0.59	0.16	1	04/04/22 07:01	04/04/22 18:38	7440-43-9	
Chromium	23.1	mg/kg	1.2	0.33	1	04/04/22 07:01	04/04/22 18:38	7440-47-3	
Lead	12.9	mg/kg	2.4	0.71	1	04/04/22 07:01	04/04/22 18:38	7439-92-1	
Selenium	<1.5	mg/kg	4.7	1.5	1	04/04/22 07:01	04/04/22 18:38	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	04/04/22 07:01	04/04/22 18:38	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.034J	mg/kg	0.039	0.011	1	04/04/22 11:41	04/05/22 09:30	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	28.0J	ug/kg	79.4	10.3	4	04/01/22 08:05	04/01/22 15:33	83-32-9	
Acenaphthylene	11.6J	ug/kg	79.4	10.0	4	04/01/22 08:05	04/01/22 15:33	208-96-8	
Anthracene	126	ug/kg	79.4	9.9	4	04/01/22 08:05	04/01/22 15:33	120-12-7	
Benzo(a)anthracene	390	ug/kg	79.4	10.3	4	04/01/22 08:05	04/01/22 15:33	56-55-3	
Benzo(a)pyrene	387	ug/kg	79.4	9.0	4	04/01/22 08:05	04/01/22 15:33	50-32-8	
Benzo(b)fluoranthene	464	ug/kg	79.4	11.0	4	04/01/22 08:05	04/01/22 15:33	205-99-2	
Benzo(g,h,i)perylene	204	ug/kg	79.4	13.9	4	04/01/22 08:05	04/01/22 15:33	191-24-2	
Benzo(k)fluoranthene	220	ug/kg	79.4	10.1	4	04/01/22 08:05	04/01/22 15:33	207-08-9	
Chrysene	403	ug/kg	79.4	15.0	4	04/01/22 08:05	04/01/22 15:33	218-01-9	
Dibenz(a,h)anthracene	60.3J	ug/kg	79.4	11.0	4	04/01/22 08:05	04/01/22 15:33	53-70-3	
Fluoranthene	882	ug/kg	79.4	9.4	4	04/01/22 08:05	04/01/22 15:33	206-44-0	
Fluorene	30.8J	ug/kg	79.4	9.5	4	04/01/22 08:05	04/01/22 15:33	86-73-7	
Indeno(1,2,3-cd)pyrene	183	ug/kg	79.4	16.5	4	04/01/22 08:05	04/01/22 15:33	193-39-5	
1-Methylnaphthalene	<11.6	ug/kg	79.4	11.6	4	04/01/22 08:05	04/01/22 15:33	90-12-0	
2-Methylnaphthalene	<11.6	ug/kg	79.4	11.6	4	04/01/22 08:05	04/01/22 15:33	91-57-6	
Naphthalene	8.8J	ug/kg	79.4	7.7	4	04/01/22 08:05	04/01/22 15:33	91-20-3	
Phenanthrene	385	ug/kg	79.4	9.1	4	04/01/22 08:05	04/01/22 15:33	85-01-8	
Pyrene	752	ug/kg	79.4	11.7	4	04/01/22 08:05	04/01/22 15:33	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	36-86		4	04/01/22 08:05	04/01/22 15:33	321-60-8	
Terphenyl-d14 (S)	54	%	41-97		4	04/01/22 08:05	04/01/22 15:33	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.8	%	0.10	0.10	1		03/30/22 16:51		

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

**Sample: GP-8R (9-10)**      **Lab ID: 40242617015**      Collected: 03/29/22 09:15      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.0	mg/kg	2.6	1.5	1	04/04/22 07:01	04/04/22 18:40	7440-38-2	
Barium	70.3	mg/kg	0.51	0.15	1	04/04/22 07:01	04/04/22 18:40	7440-39-3	
Cadmium	0.33J	mg/kg	0.51	0.14	1	04/04/22 07:01	04/04/22 18:40	7440-43-9	
Chromium	17.3	mg/kg	1.0	0.29	1	04/04/22 07:01	04/04/22 18:40	7440-47-3	
Lead	14.7	mg/kg	2.1	0.62	1	04/04/22 07:01	04/04/22 18:40	7439-92-1	
Selenium	<1.3	mg/kg	4.1	1.3	1	04/04/22 07:01	04/04/22 18:40	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	04/04/22 07:01	04/04/22 18:40	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.022J	mg/kg	0.037	0.011	1	04/04/22 11:41	04/05/22 09:37	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	199J	ug/kg	366	47.5	20	04/01/22 08:05	04/01/22 15:50	83-32-9	
Acenaphthylene	<46.1	ug/kg	366	46.1	20	04/01/22 08:05	04/01/22 15:50	208-96-8	
Anthracene	788	ug/kg	366	45.4	20	04/01/22 08:05	04/01/22 15:50	120-12-7	
Benzo(a)anthracene	1580	ug/kg	366	47.3	20	04/01/22 08:05	04/01/22 15:50	56-55-3	
Benzo(a)pyrene	1790	ug/kg	366	41.6	20	04/01/22 08:05	04/01/22 15:50	50-32-8	
Benzo(b)fluoranthene	2110	ug/kg	366	50.8	20	04/01/22 08:05	04/01/22 15:50	205-99-2	
Benzo(g,h,i)perylene	926	ug/kg	366	64.2	20	04/01/22 08:05	04/01/22 15:50	191-24-2	
Benzo(k)fluoranthene	878	ug/kg	366	46.8	20	04/01/22 08:05	04/01/22 15:50	207-08-9	
Chrysene	1650	ug/kg	366	69.0	20	04/01/22 08:05	04/01/22 15:50	218-01-9	
Dibenz(a,h)anthracene	255J	ug/kg	366	50.7	20	04/01/22 08:05	04/01/22 15:50	53-70-3	
Fluoranthene	3660	ug/kg	366	43.3	20	04/01/22 08:05	04/01/22 15:50	206-44-0	
Fluorene	378	ug/kg	366	43.9	20	04/01/22 08:05	04/01/22 15:50	86-73-7	
Indeno(1,2,3-cd)pyrene	928	ug/kg	366	76.3	20	04/01/22 08:05	04/01/22 15:50	193-39-5	
1-Methylnaphthalene	<53.5	ug/kg	366	53.5	20	04/01/22 08:05	04/01/22 15:50	90-12-0	
2-Methylnaphthalene	59.2J	ug/kg	366	53.5	20	04/01/22 08:05	04/01/22 15:50	91-57-6	
Naphthalene	139J	ug/kg	366	35.7	20	04/01/22 08:05	04/01/22 15:50	91-20-3	
Phenanthrene	2590	ug/kg	366	41.9	20	04/01/22 08:05	04/01/22 15:50	85-01-8	
Pyrene	2670	ug/kg	366	53.8	20	04/01/22 08:05	04/01/22 15:50	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	79	%	36-86		20	04/01/22 08:05	04/01/22 15:50	321-60-8	
Terphenyl-d14 (S)	70	%	41-97		20	04/01/22 08:05	04/01/22 15:50	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	8.6	%	0.10	0.10	1		03/30/22 16:51		

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-8R (13-14)      Lab ID: 40242617016      Collected: 03/29/22 09:20      Received: 03/30/22 08:05      Matrix: Solid**

**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<1.6	mg/kg	2.8	1.6	1	04/04/22 07:01	04/04/22 18:43	7440-38-2	
Barium	14.2	mg/kg	0.55	0.17	1	04/04/22 07:01	04/04/22 18:43	7440-39-3	
Cadmium	0.15J	mg/kg	0.55	0.15	1	04/04/22 07:01	04/04/22 18:43	7440-43-9	
Chromium	3.9	mg/kg	1.1	0.31	1	04/04/22 07:01	04/04/22 18:43	7440-47-3	
Lead	5.2	mg/kg	2.2	0.66	1	04/04/22 07:01	04/04/22 18:43	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	04/04/22 07:01	04/04/22 18:43	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	04/04/22 07:01	04/04/22 18:43	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.018J	mg/kg	0.037	0.011	1	04/04/22 11:41	04/05/22 09:39	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	1260	ug/kg	379	49.2	20	04/01/22 08:05	04/01/22 13:15	83-32-9	M1
Acenaphthylene	106J	ug/kg	379	47.8	20	04/01/22 08:05	04/01/22 13:15	208-96-8	M1
Anthracene	3180	ug/kg	379	47.1	20	04/01/22 08:05	04/01/22 13:15	120-12-7	M1
Benzo(a)anthracene	4810	ug/kg	379	49.0	20	04/01/22 08:05	04/01/22 13:15	56-55-3	M1
Benzo(a)pyrene	4300	ug/kg	379	43.1	20	04/01/22 08:05	04/01/22 13:15	50-32-8	M1
Benzo(b)fluoranthene	5800	ug/kg	379	52.7	20	04/01/22 08:05	04/01/22 13:15	205-99-2	M1
Benzo(g,h,i)perylene	2520	ug/kg	379	66.6	20	04/01/22 08:05	04/01/22 13:15	191-24-2	M1
Benzo(k)fluoranthene	2230	ug/kg	379	48.5	20	04/01/22 08:05	04/01/22 13:15	207-08-9	M1
Chrysene	4800	ug/kg	379	71.6	20	04/01/22 08:05	04/01/22 13:15	218-01-9	M1
Dibenz(a,h)anthracene	681	ug/kg	379	52.5	20	04/01/22 08:05	04/01/22 13:15	53-70-3	M1
Fluoranthene	13100	ug/kg	379	44.9	20	04/01/22 08:05	04/01/22 13:15	206-44-0	M1
Fluorene	1790	ug/kg	379	45.5	20	04/01/22 08:05	04/01/22 13:15	86-73-7	M1
Indeno(1,2,3-cd)pyrene	2270	ug/kg	379	79.1	20	04/01/22 08:05	04/01/22 13:15	193-39-5	M1
1-Methylnaphthalene	168J	ug/kg	379	55.4	20	04/01/22 08:05	04/01/22 13:15	90-12-0	M1
2-Methylnaphthalene	108J	ug/kg	379	55.5	20	04/01/22 08:05	04/01/22 13:15	91-57-6	M1
Naphthalene	231J	ug/kg	379	37.0	20	04/01/22 08:05	04/01/22 13:15	91-20-3	M1
Phenanthrene	9390	ug/kg	379	43.4	20	04/01/22 08:05	04/01/22 13:15	85-01-8	M1
Pyrene	9810	ug/kg	379	55.8	20	04/01/22 08:05	04/01/22 13:15	129-00-0	M1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	75	%	36-86		20	04/01/22 08:05	04/01/22 13:15	321-60-8	
Terphenyl-d14 (S)	74	%	41-97		20	04/01/22 08:05	04/01/22 13:15	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.0	%	0.10	0.10	1		03/30/22 16:51		

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-9 (7-8)**      **Lab ID: 40242617017**      Collected: 03/29/22 10:25      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>2.0J</b>	mg/kg	2.7	1.6	1	04/04/22 07:01	04/04/22 18:45	7440-38-2	
Barium	<b>26.4</b>	mg/kg	0.53	0.16	1	04/04/22 07:01	04/04/22 18:45	7440-39-3	
Cadmium	<b>0.18J</b>	mg/kg	0.53	0.14	1	04/04/22 07:01	04/04/22 18:45	7440-43-9	
Chromium	<b>7.4</b>	mg/kg	1.1	0.30	1	04/04/22 07:01	04/04/22 18:45	7440-47-3	
Lead	<b>4.4</b>	mg/kg	2.1	0.64	1	04/04/22 07:01	04/04/22 18:45	7439-92-1	
Selenium	<b>&lt;1.4</b>	mg/kg	4.3	1.4	1	04/04/22 07:01	04/04/22 18:45	7782-49-2	
Silver	<b>&lt;0.33</b>	mg/kg	1.1	0.33	1	04/04/22 07:01	04/04/22 18:45	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>&lt;0.010</b>	mg/kg	0.036	0.010	1	04/04/22 11:41	04/05/22 09:41	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<b>&lt;2.4</b>	ug/kg	18.2	2.4	1	04/01/22 08:05	04/01/22 12:06	83-32-9	
Acenaphthylene	<b>&lt;2.3</b>	ug/kg	18.2	2.3	1	04/01/22 08:05	04/01/22 12:06	208-96-8	
Anthracene	<b>&lt;2.3</b>	ug/kg	18.2	2.3	1	04/01/22 08:05	04/01/22 12:06	120-12-7	
Benzo(a)anthracene	<b>8.9J</b>	ug/kg	18.2	2.4	1	04/01/22 08:05	04/01/22 12:06	56-55-3	
Benzo(a)pyrene	<b>9.9J</b>	ug/kg	18.2	2.1	1	04/01/22 08:05	04/01/22 12:06	50-32-8	
Benzo(b)fluoranthene	<b>15.3J</b>	ug/kg	18.2	2.5	1	04/01/22 08:05	04/01/22 12:06	205-99-2	
Benzo(g,h,i)perylene	<b>9.9J</b>	ug/kg	18.2	3.2	1	04/01/22 08:05	04/01/22 12:06	191-24-2	
Benzo(k)fluoranthene	<b>6.7J</b>	ug/kg	18.2	2.3	1	04/01/22 08:05	04/01/22 12:06	207-08-9	
Chrysene	<b>10.7J</b>	ug/kg	18.2	3.4	1	04/01/22 08:05	04/01/22 12:06	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.5</b>	ug/kg	18.2	2.5	1	04/01/22 08:05	04/01/22 12:06	53-70-3	
Fluoranthene	<b>17.0J</b>	ug/kg	18.2	2.2	1	04/01/22 08:05	04/01/22 12:06	206-44-0	
Fluorene	<b>&lt;2.2</b>	ug/kg	18.2	2.2	1	04/01/22 08:05	04/01/22 12:06	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>7.1J</b>	ug/kg	18.2	3.8	1	04/01/22 08:05	04/01/22 12:06	193-39-5	
1-Methylnaphthalene	<b>&lt;2.7</b>	ug/kg	18.2	2.7	1	04/01/22 08:05	04/01/22 12:06	90-12-0	
2-Methylnaphthalene	<b>&lt;2.7</b>	ug/kg	18.2	2.7	1	04/01/22 08:05	04/01/22 12:06	91-57-6	
Naphthalene	<b>&lt;1.8</b>	ug/kg	18.2	1.8	1	04/01/22 08:05	04/01/22 12:06	91-20-3	
Phenanthrene	<b>5.6J</b>	ug/kg	18.2	2.1	1	04/01/22 08:05	04/01/22 12:06	85-01-8	
Pyrene	<b>13.4J</b>	ug/kg	18.2	2.7	1	04/01/22 08:05	04/01/22 12:06	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	75	%	36-86		1	04/01/22 08:05	04/01/22 12:06	321-60-8	
Terphenyl-d14 (S)	83	%	41-97		1	04/01/22 08:05	04/01/22 12:06	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	<b>8.3</b>	%	0.10	0.10	1		03/30/22 16:51		

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-9 (18-20)**      **Lab ID: 40242617018**      Collected: 03/29/22 10:30      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<3.7	mg/kg	6.3	3.7	2	04/04/22 07:01	04/05/22 14:15	7440-38-2	D3
Barium	323	mg/kg	1.3	0.38	2	04/04/22 07:01	04/05/22 14:15	7440-39-3	
Cadmium	0.88J	mg/kg	1.3	0.33	2	04/04/22 07:01	04/05/22 14:15	7440-43-9	D3
Chromium	34.0	mg/kg	2.5	0.70	2	04/04/22 07:01	04/05/22 14:15	7440-47-3	
Lead	17.5	mg/kg	5.0	1.5	2	04/04/22 07:01	04/05/22 14:15	7439-92-1	
Selenium	<3.3	mg/kg	10.0	3.3	2	04/04/22 07:01	04/05/22 14:15	7782-49-2	D3
Silver	<0.77	mg/kg	2.5	0.77	2	04/04/22 07:01	04/05/22 14:15	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.094	mg/kg	0.043	0.012	1	04/04/22 11:41	04/05/22 09:44	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<3.0	ug/kg	22.7	3.0	1	04/01/22 08:05	04/01/22 12:23	83-32-9	
Acenaphthylene	<2.9	ug/kg	22.7	2.9	1	04/01/22 08:05	04/01/22 12:23	208-96-8	
Anthracene	7.5J	ug/kg	22.7	2.8	1	04/01/22 08:05	04/01/22 12:23	120-12-7	
Benzo(a)anthracene	41.5	ug/kg	22.7	2.9	1	04/01/22 08:05	04/01/22 12:23	56-55-3	
Benzo(a)pyrene	44.3	ug/kg	22.7	2.6	1	04/01/22 08:05	04/01/22 12:23	50-32-8	
Benzo(b)fluoranthene	63.9	ug/kg	22.7	3.2	1	04/01/22 08:05	04/01/22 12:23	205-99-2	
Benzo(g,h,i)perylene	33.6	ug/kg	22.7	4.0	1	04/01/22 08:05	04/01/22 12:23	191-24-2	
Benzo(k)fluoranthene	24.6	ug/kg	22.7	2.9	1	04/01/22 08:05	04/01/22 12:23	207-08-9	
Chrysene	47.4	ug/kg	22.7	4.3	1	04/01/22 08:05	04/01/22 12:23	218-01-9	
Dibenz(a,h)anthracene	9.0J	ug/kg	22.7	3.1	1	04/01/22 08:05	04/01/22 12:23	53-70-3	
Fluoranthene	92.8	ug/kg	22.7	2.7	1	04/01/22 08:05	04/01/22 12:23	206-44-0	
Fluorene	2.7J	ug/kg	22.7	2.7	1	04/01/22 08:05	04/01/22 12:23	86-73-7	
Indeno(1,2,3-cd)pyrene	27.4	ug/kg	22.7	4.7	1	04/01/22 08:05	04/01/22 12:23	193-39-5	
1-Methylnaphthalene	<3.3	ug/kg	22.7	3.3	1	04/01/22 08:05	04/01/22 12:23	90-12-0	
2-Methylnaphthalene	<3.3	ug/kg	22.7	3.3	1	04/01/22 08:05	04/01/22 12:23	91-57-6	
Naphthalene	2.9J	ug/kg	22.7	2.2	1	04/01/22 08:05	04/01/22 12:23	91-20-3	
Phenanthrene	29.4	ug/kg	22.7	2.6	1	04/01/22 08:05	04/01/22 12:23	85-01-8	
Pyrene	71.0	ug/kg	22.7	3.3	1	04/01/22 08:05	04/01/22 12:23	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	64	%	36-86		1	04/01/22 08:05	04/01/22 12:23	321-60-8	
Terphenyl-d14 (S)	66	%	41-97		1	04/01/22 08:05	04/01/22 12:23	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	26.7	%	0.10	0.10	1		03/30/22 16:52		

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-9 (23-25)**      **Lab ID: 40242617019**      Collected: 03/29/22 10:40      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>10.3</b>	mg/kg	3.3	1.9	1	04/04/22 07:01	04/04/22 18:50	7440-38-2	
Barium	<b>69.0</b>	mg/kg	0.66	0.20	1	04/04/22 07:01	04/04/22 18:50	7440-39-3	
Cadmium	<b>0.53J</b>	mg/kg	0.66	0.18	1	04/04/22 07:01	04/04/22 18:50	7440-43-9	
Chromium	<b>14.2</b>	mg/kg	1.3	0.37	1	04/04/22 07:01	04/04/22 18:50	7440-47-3	
Lead	<b>13.1</b>	mg/kg	2.7	0.79	1	04/04/22 07:01	04/04/22 18:50	7439-92-1	
Selenium	<b>&lt;1.7</b>	mg/kg	5.3	1.7	1	04/04/22 07:01	04/04/22 18:50	7782-49-2	
Silver	<b>&lt;0.41</b>	mg/kg	1.3	0.41	1	04/04/22 07:01	04/04/22 18:50	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.038J</b>	mg/kg	0.045	0.013	1	04/04/22 11:41	04/05/22 09:46	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<b>&lt;59.9</b>	ug/kg	461	59.9	20	04/01/22 08:05	04/04/22 14:37	83-32-9	
Acenaphthylene	<b>&lt;58.2</b>	ug/kg	461	58.2	20	04/01/22 08:05	04/04/22 14:37	208-96-8	
Anthracene	<b>202J</b>	ug/kg	461	57.3	20	04/01/22 08:05	04/04/22 14:37	120-12-7	
Benzo(a)anthracene	<b>887</b>	ug/kg	461	59.6	20	04/01/22 08:05	04/04/22 14:37	56-55-3	
Benzo(a)pyrene	<b>999</b>	ug/kg	461	52.4	20	04/01/22 08:05	04/04/22 14:37	50-32-8	
Benzo(b)fluoranthene	<b>1220</b>	ug/kg	461	64.1	20	04/01/22 08:05	04/04/22 14:37	205-99-2	
Benzo(g,h,i)perylene	<b>682</b>	ug/kg	461	81.0	20	04/01/22 08:05	04/04/22 14:37	191-24-2	
Benzo(k)fluoranthene	<b>475</b>	ug/kg	461	59.0	20	04/01/22 08:05	04/04/22 14:37	207-08-9	
Chrysene	<b>1130</b>	ug/kg	461	87.0	20	04/01/22 08:05	04/04/22 14:37	218-01-9	
Dibenz(a,h)anthracene	<b>154J</b>	ug/kg	461	63.9	20	04/01/22 08:05	04/04/22 14:37	53-70-3	
Fluoranthene	<b>2220</b>	ug/kg	461	54.6	20	04/01/22 08:05	04/04/22 14:37	206-44-0	
Fluorene	<b>69.5J</b>	ug/kg	461	55.3	20	04/01/22 08:05	04/04/22 14:37	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>546</b>	ug/kg	461	96.1	20	04/01/22 08:05	04/04/22 14:37	193-39-5	
1-Methylnaphthalene	<b>&lt;67.4</b>	ug/kg	461	67.4	20	04/01/22 08:05	04/04/22 14:37	90-12-0	
2-Methylnaphthalene	<b>&lt;67.5</b>	ug/kg	461	67.5	20	04/01/22 08:05	04/04/22 14:37	91-57-6	
Naphthalene	<b>&lt;45.0</b>	ug/kg	461	45.0	20	04/01/22 08:05	04/04/22 14:37	91-20-3	
Phenanthrene	<b>877</b>	ug/kg	461	52.8	20	04/01/22 08:05	04/04/22 14:37	85-01-8	
Pyrene	<b>1720</b>	ug/kg	461	67.8	20	04/01/22 08:05	04/04/22 14:37	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	74	%	36-86		20	04/01/22 08:05	04/04/22 14:37	321-60-8	
Terphenyl-d14 (S)	73	%	41-97		20	04/01/22 08:05	04/04/22 14:37	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	<b>27.7</b>	%	0.10	0.10	1		03/30/22 16:52		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

**Sample: GP-9**      **Lab ID: 40242617020**      Collected: 03/29/22 10:55      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 11:13	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 11:13	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 11:13	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 11:13	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 11:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 11:13	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 11:13	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 11:13	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 11:13	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 11:13	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 11:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 11:13	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 11:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 11:13	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 11:13	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 11:13	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 11:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 11:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 11:13	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 11:13	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 11:13	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 11:13	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 11:13	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 11:13	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 11:13	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 11:13	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 11:13	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 11:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 11:13	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 11:13	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 11:13	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 11:13	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 11:13	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 11:13	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 11:13	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 11:13	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 11:13	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 11:13	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 11:13	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 11:13	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 11:13	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 11:13	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 11:13	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 11:13	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 11:13	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-9**      **Lab ID: 40242617020**      Collected: 03/29/22 10:55      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 11:13	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 11:13	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 11:13	127-18-4	
Toluene	<b>0.88J</b>	ug/L	1.0	0.29	1		03/31/22 11:13	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 11:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 11:13	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 11:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 11:13	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 11:13	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 11:13	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 11:13	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 11:13	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 11:13	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 11:13	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 11:13	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 11:13	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		03/31/22 11:13	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		03/31/22 11:13	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/31/22 11:13	2037-26-5	

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-11(4-5)**      **Lab ID: 40242617021**      Collected: 03/29/22 12:20      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.4	mg/kg	3.2	1.9	1	04/04/22 07:01	04/04/22 18:52	7440-38-2	
Barium	119	mg/kg	0.64	0.19	1	04/04/22 07:01	04/04/22 18:52	7440-39-3	
Cadmium	0.47J	mg/kg	0.64	0.17	1	04/04/22 07:01	04/04/22 18:52	7440-43-9	
Chromium	21.4	mg/kg	1.3	0.36	1	04/04/22 07:01	04/04/22 18:52	7440-47-3	
Lead	38.0	mg/kg	2.6	0.77	1	04/04/22 07:01	04/04/22 18:52	7439-92-1	
Selenium	<1.7	mg/kg	5.1	1.7	1	04/04/22 07:01	04/04/22 18:52	7782-49-2	
Silver	0.41J	mg/kg	1.3	0.39	1	04/04/22 07:01	04/04/22 18:52	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.026J	mg/kg	0.044	0.013	1	04/04/22 11:41	04/05/22 09:48	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	3.7J	ug/kg	21.4	2.8	1	04/01/22 08:05	04/04/22 14:54	83-32-9	
Acenaphthylene	7.8J	ug/kg	21.4	2.7	1	04/01/22 08:05	04/04/22 14:54	208-96-8	
Anthracene	18.6J	ug/kg	21.4	2.7	1	04/01/22 08:05	04/04/22 14:54	120-12-7	
Benzo(a)anthracene	78.2	ug/kg	21.4	2.8	1	04/01/22 08:05	04/04/22 14:54	56-55-3	
Benzo(a)pyrene	94.5	ug/kg	21.4	2.4	1	04/01/22 08:05	04/04/22 14:54	50-32-8	
Benzo(b)fluoranthene	136	ug/kg	21.4	3.0	1	04/01/22 08:05	04/04/22 14:54	205-99-2	
Benzo(g,h,i)perylene	77.6	ug/kg	21.4	3.8	1	04/01/22 08:05	04/04/22 14:54	191-24-2	
Benzo(k)fluoranthene	48.0	ug/kg	21.4	2.7	1	04/01/22 08:05	04/04/22 14:54	207-08-9	
Chrysene	105	ug/kg	21.4	4.0	1	04/01/22 08:05	04/04/22 14:54	218-01-9	
Dibenz(a,h)anthracene	18.8J	ug/kg	21.4	3.0	1	04/01/22 08:05	04/04/22 14:54	53-70-3	
Fluoranthene	184	ug/kg	21.4	2.5	1	04/01/22 08:05	04/04/22 14:54	206-44-0	
Fluorene	4.9J	ug/kg	21.4	2.6	1	04/01/22 08:05	04/04/22 14:54	86-73-7	
Indeno(1,2,3-cd)pyrene	51.0	ug/kg	21.4	4.5	1	04/01/22 08:05	04/04/22 14:54	193-39-5	
1-Methylnaphthalene	<3.1	ug/kg	21.4	3.1	1	04/01/22 08:05	04/04/22 14:54	90-12-0	
2-Methylnaphthalene	3.1J	ug/kg	21.4	3.1	1	04/01/22 08:05	04/04/22 14:54	91-57-6	
Naphthalene	4.6J	ug/kg	21.4	2.1	1	04/01/22 08:05	04/04/22 14:54	91-20-3	
Phenanthrene	60.2	ug/kg	21.4	2.5	1	04/01/22 08:05	04/04/22 14:54	85-01-8	
Pyrene	150	ug/kg	21.4	3.2	1	04/01/22 08:05	04/04/22 14:54	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	77	%	36-86		1	04/01/22 08:05	04/04/22 14:54	321-60-8	
Terphenyl-d14 (S)	79	%	41-97		1	04/01/22 08:05	04/04/22 14:54	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	22.0	%	0.10	0.10	1		03/30/22 16:52		

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Sample: GP-11(13-15) Lab ID: 40242617022 Collected: 03/29/22 12:25 Received: 03/30/22 08:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.5	mg/kg	2.7	1.6	1	04/04/22 07:01	04/04/22 18:55	7440-38-2	
Barium	63.1	mg/kg	0.54	0.16	1	04/04/22 07:01	04/04/22 18:55	7440-39-3	
Cadmium	0.26J	mg/kg	0.54	0.14	1	04/04/22 07:01	04/04/22 18:55	7440-43-9	
Chromium	15.6	mg/kg	1.1	0.30	1	04/04/22 07:01	04/04/22 18:55	7440-47-3	
Lead	8.3	mg/kg	2.2	0.64	1	04/04/22 07:01	04/04/22 18:55	7439-92-1	
Selenium	<1.4	mg/kg	4.3	1.4	1	04/04/22 07:01	04/04/22 18:55	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	04/04/22 07:01	04/04/22 18:55	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.012J	mg/kg	0.035	0.010	1	04/04/22 11:41	04/05/22 09:51	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	5.3J	ug/kg	18.4	2.4	1	04/01/22 08:05	04/04/22 15:11	83-32-9	
Acenaphthylene	6.4J	ug/kg	18.4	2.3	1	04/01/22 08:05	04/04/22 15:11	208-96-8	
Anthracene	25.0	ug/kg	18.4	2.3	1	04/01/22 08:05	04/04/22 15:11	120-12-7	
Benzo(a)anthracene	90.0	ug/kg	18.4	2.4	1	04/01/22 08:05	04/04/22 15:11	56-55-3	
Benzo(a)pyrene	105	ug/kg	18.4	2.1	1	04/01/22 08:05	04/04/22 15:11	50-32-8	
Benzo(b)fluoranthene	151	ug/kg	18.4	2.6	1	04/01/22 08:05	04/04/22 15:11	205-99-2	
Benzo(g,h,i)perylene	54.3	ug/kg	18.4	3.2	1	04/01/22 08:05	04/04/22 15:11	191-24-2	
Benzo(k)fluoranthene	56.8	ug/kg	18.4	2.3	1	04/01/22 08:05	04/04/22 15:11	207-08-9	
Chrysene	115	ug/kg	18.4	3.5	1	04/01/22 08:05	04/04/22 15:11	218-01-9	
Dibenz(a,h)anthracene	14.1J	ug/kg	18.4	2.5	1	04/01/22 08:05	04/04/22 15:11	53-70-3	
Fluoranthene	202	ug/kg	18.4	2.2	1	04/01/22 08:05	04/04/22 15:11	206-44-0	
Fluorene	6.9J	ug/kg	18.4	2.2	1	04/01/22 08:05	04/04/22 15:11	86-73-7	
Indeno(1,2,3-cd)pyrene	40.2	ug/kg	18.4	3.8	1	04/01/22 08:05	04/04/22 15:11	193-39-5	
1-Methylnaphthalene	4.1J	ug/kg	18.4	2.7	1	04/01/22 08:05	04/04/22 15:11	90-12-0	
2-Methylnaphthalene	5.8J	ug/kg	18.4	2.7	1	04/01/22 08:05	04/04/22 15:11	91-57-6	
Naphthalene	7.0J	ug/kg	18.4	1.8	1	04/01/22 08:05	04/04/22 15:11	91-20-3	
Phenanthrene	94.7	ug/kg	18.4	2.1	1	04/01/22 08:05	04/04/22 15:11	85-01-8	
Pyrene	169	ug/kg	18.4	2.7	1	04/01/22 08:05	04/04/22 15:11	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	83	%	36-86		1	04/01/22 08:05	04/04/22 15:11	321-60-8	
Terphenyl-d14 (S)	82	%	41-97		1	04/01/22 08:05	04/04/22 15:11	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	9.1	%	0.10	0.10	1		03/30/22 16:52		

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-11(18-20)      Lab ID: 40242617023      Collected: 03/29/22 12:30      Received: 03/30/22 08:05      Matrix: Solid**

**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>5.9</b>	mg/kg	3.1	1.8	1	04/04/22 07:01	04/04/22 18:57	7440-38-2	
Barium	<b>110</b>	mg/kg	0.61	0.18	1	04/04/22 07:01	04/04/22 18:57	7440-39-3	
Cadmium	<b>0.44J</b>	mg/kg	0.61	0.16	1	04/04/22 07:01	04/04/22 18:57	7440-43-9	
Chromium	<b>25.5</b>	mg/kg	1.2	0.34	1	04/04/22 07:01	04/04/22 18:57	7440-47-3	
Lead	<b>26.5</b>	mg/kg	2.4	0.73	1	04/04/22 07:01	04/04/22 18:57	7439-92-1	
Selenium	<b>&lt;1.6</b>	mg/kg	4.9	1.6	1	04/04/22 07:01	04/04/22 18:57	7782-49-2	
Silver	<b>0.40J</b>	mg/kg	1.2	0.38	1	04/04/22 07:01	04/04/22 18:57	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.044</b>	mg/kg	0.043	0.012	1	04/04/22 11:41	04/05/22 09:53	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<b>3.8J</b>	ug/kg	20.7	2.7	1	04/06/22 08:01	04/06/22 15:46	83-32-9	
Acenaphthylene	<b>13.9J</b>	ug/kg	20.7	2.6	1	04/06/22 08:01	04/06/22 15:46	208-96-8	
Anthracene	<b>15.6J</b>	ug/kg	20.7	2.6	1	04/06/22 08:01	04/06/22 15:46	120-12-7	
Benzo(a)anthracene	<b>86.7</b>	ug/kg	20.7	2.7	1	04/06/22 08:01	04/06/22 15:46	56-55-3	
Benzo(a)pyrene	<b>97.2</b>	ug/kg	20.7	2.4	1	04/06/22 08:01	04/06/22 15:46	50-32-8	
Benzo(b)fluoranthene	<b>126</b>	ug/kg	20.7	2.9	1	04/06/22 08:01	04/06/22 15:46	205-99-2	
Benzo(g,h,i)perylene	<b>63.9</b>	ug/kg	20.7	3.6	1	04/06/22 08:01	04/06/22 15:46	191-24-2	
Benzo(k)fluoranthene	<b>67.6</b>	ug/kg	20.7	2.6	1	04/06/22 08:01	04/06/22 15:46	207-08-9	
Chrysene	<b>104</b>	ug/kg	20.7	3.9	1	04/06/22 08:01	04/06/22 15:46	218-01-9	
Dibenz(a,h)anthracene	<b>17.0J</b>	ug/kg	20.7	2.9	1	04/06/22 08:01	04/06/22 15:46	53-70-3	
Fluoranthene	<b>150</b>	ug/kg	20.7	2.5	1	04/06/22 08:01	04/06/22 15:46	206-44-0	
Fluorene	<b>7.7J</b>	ug/kg	20.7	2.5	1	04/06/22 08:01	04/06/22 15:46	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>53.2</b>	ug/kg	20.7	4.3	1	04/06/22 08:01	04/06/22 15:46	193-39-5	
1-Methylnaphthalene	<b>3.4J</b>	ug/kg	20.7	3.0	1	04/06/22 08:01	04/06/22 15:46	90-12-0	
2-Methylnaphthalene	<b>3.7J</b>	ug/kg	20.7	3.0	1	04/06/22 08:01	04/06/22 15:46	91-57-6	
Naphthalene	<b>5.6J</b>	ug/kg	20.7	2.0	1	04/06/22 08:01	04/06/22 15:46	91-20-3	
Phenanthrene	<b>49.7</b>	ug/kg	20.7	2.4	1	04/06/22 08:01	04/06/22 15:46	85-01-8	
Pyrene	<b>132</b>	ug/kg	20.7	3.0	1	04/06/22 08:01	04/06/22 15:46	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	81	%	36-86		1	04/06/22 08:01	04/06/22 15:46	321-60-8	
Terphenyl-d14 (S)	79	%	41-97		1	04/06/22 08:01	04/06/22 15:46	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	<b>19.4</b>	%	0.10	0.10	1		03/30/22 16:52		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-11**      **Lab ID: 40242617024**      Collected: 03/29/22 12:10      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 11:43	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 11:43	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 11:43	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 11:43	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 11:43	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 11:43	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 11:43	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 11:43	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 11:43	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 11:43	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 11:43	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 11:43	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 11:43	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 11:43	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 11:43	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 11:43	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 11:43	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 11:43	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 11:43	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 11:43	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 11:43	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 11:43	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 11:43	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 11:43	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 11:43	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 11:43	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 11:43	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 11:43	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 11:43	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 11:43	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 11:43	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 11:43	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 11:43	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 11:43	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 11:43	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 11:43	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 11:43	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 11:43	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 11:43	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 11:43	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 11:43	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 11:43	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 11:43	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 11:43	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 11:43	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Sample: GP-11 Lab ID: 40242617024 Collected: 03/29/22 12:10 Received: 03/30/22 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 11:43	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 11:43	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 11:43	127-18-4	
Toluene	1.1	ug/L	1.0	0.29	1		03/31/22 11:43	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 11:43	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 11:43	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 11:43	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 11:43	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 11:43	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 11:43	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 11:43	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 11:43	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 11:43	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 11:43	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 11:43	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 11:43	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		03/31/22 11:43	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/31/22 11:43	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/31/22 11:43	2037-26-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Sample: GP-12 Lab ID: 40242617025 Collected: 03/29/22 13:45 Received: 03/30/22 08:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 18:20	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 18:20	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 18:20	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 18:20	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 18:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 18:20	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 18:20	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 18:20	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 18:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 18:20	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 18:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 18:20	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 18:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 18:20	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 18:20	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 18:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 18:20	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 18:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 18:20	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 18:20	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 18:20	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 18:20	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 18:20	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 18:20	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 18:20	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 18:20	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 18:20	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 18:20	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 18:20	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 18:20	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 18:20	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 18:20	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 18:20	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 18:20	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 18:20	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 18:20	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 18:20	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 18:20	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 18:20	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 18:20	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 18:20	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 18:20	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 18:20	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 18:20	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 18:20	100-42-5	

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

**Sample: GP-12**      **Lab ID: 40242617025**      Collected: 03/29/22 13:45      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 18:20	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 18:20	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 18:20	127-18-4	
Toluene	<b>0.42J</b>	ug/L	1.0	0.29	1		03/31/22 18:20	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 18:20	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 18:20	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 18:20	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 18:20	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 18:20	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 18:20	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 18:20	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 18:20	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 18:20	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 18:20	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 18:20	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 18:20	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/31/22 18:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		03/31/22 18:20	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/31/22 18:20	2037-26-5	

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-13(2.5-5)**      **Lab ID: 40242617026**      Collected: 03/29/22 14:10      Received: 03/30/22 08:05      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	7.6	mg/kg	2.8	1.6	1	04/04/22 07:01	04/04/22 19:04	7440-38-2	
Barium	100	mg/kg	0.56	0.17	1	04/04/22 07:01	04/04/22 19:04	7440-39-3	
Cadmium	0.38J	mg/kg	0.56	0.15	1	04/04/22 07:01	04/04/22 19:04	7440-43-9	
Chromium	25.8	mg/kg	1.1	0.31	1	04/04/22 07:01	04/04/22 19:04	7440-47-3	
Lead	14.6	mg/kg	2.2	0.67	1	04/04/22 07:01	04/04/22 19:04	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	04/04/22 07:01	04/04/22 19:04	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	04/04/22 07:01	04/04/22 19:04	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.046	mg/kg	0.038	0.011	1	04/04/22 11:49	04/05/22 10:28	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<5.0	ug/kg	38.4	5.0	2	04/01/22 08:05	04/04/22 15:46	83-32-9	
Acenaphthylene	<4.8	ug/kg	38.4	4.8	2	04/01/22 08:05	04/04/22 15:46	208-96-8	
Anthracene	21.9J	ug/kg	38.4	4.8	2	04/01/22 08:05	04/04/22 15:46	120-12-7	
Benzo(a)anthracene	173	ug/kg	38.4	5.0	2	04/01/22 08:05	04/04/22 15:46	56-55-3	
Benzo(a)pyrene	274	ug/kg	38.4	4.4	2	04/01/22 08:05	04/04/22 15:46	50-32-8	
Benzo(b)fluoranthene	440	ug/kg	38.4	5.3	2	04/01/22 08:05	04/04/22 15:46	205-99-2	
Benzo(g,h,i)perylene	164	ug/kg	38.4	6.7	2	04/01/22 08:05	04/04/22 15:46	191-24-2	
Benzo(k)fluoranthene	172	ug/kg	38.4	4.9	2	04/01/22 08:05	04/04/22 15:46	207-08-9	
Chrysene	242	ug/kg	38.4	7.2	2	04/01/22 08:05	04/04/22 15:46	218-01-9	
Dibenz(a,h)anthracene	44.7	ug/kg	38.4	5.3	2	04/01/22 08:05	04/04/22 15:46	53-70-3	
Fluoranthene	421	ug/kg	38.4	4.5	2	04/01/22 08:05	04/04/22 15:46	206-44-0	
Fluorene	7.9J	ug/kg	38.4	4.6	2	04/01/22 08:05	04/04/22 15:46	86-73-7	
Indeno(1,2,3-cd)pyrene	155	ug/kg	38.4	8.0	2	04/01/22 08:05	04/04/22 15:46	193-39-5	
1-Methylnaphthalene	<5.6	ug/kg	38.4	5.6	2	04/01/22 08:05	04/04/22 15:46	90-12-0	
2-Methylnaphthalene	<5.6	ug/kg	38.4	5.6	2	04/01/22 08:05	04/04/22 15:46	91-57-6	
Naphthalene	4.7J	ug/kg	38.4	3.7	2	04/01/22 08:05	04/04/22 15:46	91-20-3	
Phenanthrene	111	ug/kg	38.4	4.4	2	04/01/22 08:05	04/04/22 15:46	85-01-8	
Pyrene	351	ug/kg	38.4	5.6	2	04/01/22 08:05	04/04/22 15:46	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	36-86		2	04/01/22 08:05	04/04/22 15:46	321-60-8	
Terphenyl-d14 (S)	77	%	41-97		2	04/01/22 08:05	04/04/22 15:46	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.0	%	0.10	0.10	1		03/30/22 16:52		

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-13(7.5-10)      Lab ID: 40242617027      Collected: 03/29/22 14:15      Received: 03/30/22 08:05      Matrix: Solid**

**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	6.8	mg/kg	3.1	1.8	1	04/04/22 07:01	04/04/22 19:06	7440-38-2	
Barium	136	mg/kg	0.63	0.19	1	04/04/22 07:01	04/04/22 19:06	7440-39-3	
Cadmium	0.49J	mg/kg	0.63	0.17	1	04/04/22 07:01	04/04/22 19:06	7440-43-9	
Chromium	27.5	mg/kg	1.3	0.35	1	04/04/22 07:01	04/04/22 19:06	7440-47-3	
Lead	45.8	mg/kg	2.5	0.75	1	04/04/22 07:01	04/04/22 19:06	7439-92-1	
Selenium	<1.6	mg/kg	5.0	1.6	1	04/04/22 07:01	04/04/22 19:06	7782-49-2	
Silver	0.47J	mg/kg	1.3	0.38	1	04/04/22 07:01	04/04/22 19:06	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.067	mg/kg	0.043	0.012	1	04/04/22 11:49	04/05/22 10:35	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<2.8	ug/kg	21.5	2.8	1	04/01/22 08:05	04/01/22 12:41	83-32-9	
Acenaphthylene	3.4J	ug/kg	21.5	2.7	1	04/01/22 08:05	04/01/22 12:41	208-96-8	
Anthracene	8.2J	ug/kg	21.5	2.7	1	04/01/22 08:05	04/01/22 12:41	120-12-7	
Benzo(a)anthracene	44.7	ug/kg	21.5	2.8	1	04/01/22 08:05	04/01/22 12:41	56-55-3	
Benzo(a)pyrene	46.3	ug/kg	21.5	2.4	1	04/01/22 08:05	04/01/22 12:41	50-32-8	
Benzo(b)fluoranthene	69.7	ug/kg	21.5	3.0	1	04/01/22 08:05	04/01/22 12:41	205-99-2	
Benzo(g,h,i)perylene	37.8	ug/kg	21.5	3.8	1	04/01/22 08:05	04/01/22 12:41	191-24-2	
Benzo(k)fluoranthene	24.6	ug/kg	21.5	2.8	1	04/01/22 08:05	04/01/22 12:41	207-08-9	
Chrysene	49.6	ug/kg	21.5	4.1	1	04/01/22 08:05	04/01/22 12:41	218-01-9	
Dibenz(a,h)anthracene	8.5J	ug/kg	21.5	3.0	1	04/01/22 08:05	04/01/22 12:41	53-70-3	
Fluoranthene	93.5	ug/kg	21.5	2.5	1	04/01/22 08:05	04/01/22 12:41	206-44-0	
Fluorene	3.0J	ug/kg	21.5	2.6	1	04/01/22 08:05	04/01/22 12:41	86-73-7	
Indeno(1,2,3-cd)pyrene	30.8	ug/kg	21.5	4.5	1	04/01/22 08:05	04/01/22 12:41	193-39-5	
1-Methylnaphthalene	<3.1	ug/kg	21.5	3.1	1	04/01/22 08:05	04/01/22 12:41	90-12-0	
2-Methylnaphthalene	<3.1	ug/kg	21.5	3.1	1	04/01/22 08:05	04/01/22 12:41	91-57-6	
Naphthalene	8.0J	ug/kg	21.5	2.1	1	04/01/22 08:05	04/01/22 12:41	91-20-3	
Phenanthrene	40.2	ug/kg	21.5	2.5	1	04/01/22 08:05	04/01/22 12:41	85-01-8	
Pyrene	80.2	ug/kg	21.5	3.2	1	04/01/22 08:05	04/01/22 12:41	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	75	%	36-86		1	04/01/22 08:05	04/01/22 12:41	321-60-8	
Terphenyl-d14 (S)	76	%	41-97		1	04/01/22 08:05	04/01/22 12:41	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	22.5	%	0.10	0.10	1		03/30/22 16:52		

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

**Sample: GP-13(10-12.5)**      **Lab ID: 40242617028**      Collected: 03/29/22 14:25      Received: 03/30/22 08:05      Matrix: Solid  
*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B Pace Analytical Services - Green Bay									
Arsenic	<b>1.6J</b>	mg/kg	2.7	1.6	1	04/04/22 07:01	04/04/22 19:09	7440-38-2	
Barium	<b>9.7</b>	mg/kg	0.54	0.16	1	04/04/22 07:01	04/04/22 19:09	7440-39-3	
Cadmium	<b>0.41J</b>	mg/kg	0.54	0.14	1	04/04/22 07:01	04/04/22 19:09	7440-43-9	
Chromium	<b>4.5</b>	mg/kg	1.1	0.30	1	04/04/22 07:01	04/04/22 19:09	7440-47-3	
Lead	<b>5.1</b>	mg/kg	2.2	0.65	1	04/04/22 07:01	04/04/22 19:09	7439-92-1	
Selenium	<b>&lt;1.4</b>	mg/kg	4.4	1.4	1	04/04/22 07:01	04/04/22 19:09	7782-49-2	
Silver	<b>&lt;0.33</b>	mg/kg	1.1	0.33	1	04/04/22 07:01	04/04/22 19:09	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471 Pace Analytical Services - Green Bay									
Mercury	<b>0.012J</b>	mg/kg	0.039	0.011	1	04/04/22 11:49	04/05/22 10:37	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546 Pace Analytical Services - Green Bay									
Acenaphthene	<b>&lt;2.4</b>	ug/kg	18.8	2.4	1	04/01/22 08:05	04/04/22 16:03	83-32-9	
Acenaphthylene	<b>&lt;2.4</b>	ug/kg	18.8	2.4	1	04/01/22 08:05	04/04/22 16:03	208-96-8	
Anthracene	<b>3.2J</b>	ug/kg	18.8	2.3	1	04/01/22 08:05	04/04/22 16:03	120-12-7	
Benzo(a)anthracene	<b>17.9J</b>	ug/kg	18.8	2.4	1	04/01/22 08:05	04/04/22 16:03	56-55-3	
Benzo(a)pyrene	<b>19.7</b>	ug/kg	18.8	2.1	1	04/01/22 08:05	04/04/22 16:03	50-32-8	
Benzo(b)fluoranthene	<b>24.5</b>	ug/kg	18.8	2.6	1	04/01/22 08:05	04/04/22 16:03	205-99-2	
Benzo(g,h,i)perylene	<b>9.5J</b>	ug/kg	18.8	3.3	1	04/01/22 08:05	04/04/22 16:03	191-24-2	
Benzo(k)fluoranthene	<b>12.4J</b>	ug/kg	18.8	2.4	1	04/01/22 08:05	04/04/22 16:03	207-08-9	
Chrysene	<b>19.6</b>	ug/kg	18.8	3.5	1	04/01/22 08:05	04/04/22 16:03	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.6</b>	ug/kg	18.8	2.6	1	04/01/22 08:05	04/04/22 16:03	53-70-3	
Fluoranthene	<b>21.5</b>	ug/kg	18.8	2.2	1	04/01/22 08:05	04/04/22 16:03	206-44-0	
Fluorene	<b>&lt;2.3</b>	ug/kg	18.8	2.3	1	04/01/22 08:05	04/04/22 16:03	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>7.6J</b>	ug/kg	18.8	3.9	1	04/01/22 08:05	04/04/22 16:03	193-39-5	
1-Methylnaphthalene	<b>&lt;2.7</b>	ug/kg	18.8	2.7	1	04/01/22 08:05	04/04/22 16:03	90-12-0	
2-Methylnaphthalene	<b>&lt;2.7</b>	ug/kg	18.8	2.7	1	04/01/22 08:05	04/04/22 16:03	91-57-6	
Naphthalene	<b>2.7J</b>	ug/kg	18.8	1.8	1	04/01/22 08:05	04/04/22 16:03	91-20-3	
Phenanthrene	<b>6.4J</b>	ug/kg	18.8	2.2	1	04/01/22 08:05	04/04/22 16:03	85-01-8	
Pyrene	<b>24.2</b>	ug/kg	18.8	2.8	1	04/01/22 08:05	04/04/22 16:03	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	82	%	36-86		1	04/01/22 08:05	04/04/22 16:03	321-60-8	
Terphenyl-d14 (S)	85	%	41-97		1	04/01/22 08:05	04/04/22 16:03	1718-51-0	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	<b>11.1</b>	%	0.10	0.10	1		03/30/22 16:52		

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## ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

**Sample: TRIP**      **Lab ID: 40242617029**      Collected: 03/29/22 00:00      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		03/31/22 17:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 17:18	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		03/31/22 17:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 17:18	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		03/31/22 17:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/31/22 17:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 17:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/31/22 17:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/31/22 17:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/31/22 17:18	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/31/22 17:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/31/22 17:18	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		03/31/22 17:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/31/22 17:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 17:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/31/22 17:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/31/22 17:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/31/22 17:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/31/22 17:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/31/22 17:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 17:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 17:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/31/22 17:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/31/22 17:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 17:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/31/22 17:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/31/22 17:18	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/31/22 17:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/31/22 17:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/31/22 17:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/31/22 17:18	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		03/31/22 17:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/31/22 17:18	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		03/31/22 17:18	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		03/31/22 17:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 17:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/31/22 17:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/31/22 17:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/31/22 17:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/31/22 17:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/31/22 17:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/31/22 17:18	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		03/31/22 17:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/31/22 17:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		03/31/22 17:18	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

**Sample: TRIP**      **Lab ID: 40242617029**      Collected: 03/29/22 00:00      Received: 03/30/22 08:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/31/22 17:18	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/31/22 17:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/31/22 17:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		03/31/22 17:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/31/22 17:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/31/22 17:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/31/22 17:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		03/31/22 17:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/31/22 17:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/31/22 17:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		03/31/22 17:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/31/22 17:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/31/22 17:18	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/31/22 17:18	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/31/22 17:18	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/31/22 17:18	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/31/22 17:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		03/31/22 17:18	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/31/22 17:18	2037-26-5	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

QC Batch:	412099	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40242617008, 40242617009, 40242617010, 40242617011, 40242617012, 40242617013, 40242617014, 40242617015, 40242617016, 40242617017, 40242617018, 40242617019, 40242617021, 40242617022, 40242617023

METHOD BLANK: 2373393 Matrix: Solid  
Associated Lab Samples: 40242617008, 40242617009, 40242617010, 40242617011, 40242617012, 40242617013, 40242617014, 40242617015, 40242617016, 40242617017, 40242617018, 40242617019, 40242617021, 40242617022, 40242617023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	04/05/22 08:50	

LABORATORY CONTROL SAMPLE: 2373394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.82	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2373395 2373396

Parameter	Units	40242580001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	<0.011	0.91	0.89	0.83	0.84	92	93	85-115	1	20	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

QC Batch: 412100      Analysis Method: EPA 7471  
QC Batch Method: EPA 7471      Analysis Description: 7471 Mercury  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40242617026, 40242617027, 40242617028

METHOD BLANK: 2373397      Matrix: Solid

Associated Lab Samples: 40242617026, 40242617027, 40242617028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	04/05/22 09:55	

LABORATORY CONTROL SAMPLE: 2373398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.86	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2373399      2373400

Parameter	Units	40242351001		2373400		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	mg/kg	0.039J	1.6	1.6	1.6	95	95	85-115	0	20	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

QC Batch: 411837 Analysis Method: EPA 6010D  
QC Batch Method: EPA 3050B Analysis Description: 6010D MET  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40242617008, 40242617009, 40242617010, 40242617011, 40242617012, 40242617013, 40242617014, 40242617015, 40242617016, 40242617017, 40242617018, 40242617019, 40242617021, 40242617022, 40242617023, 40242617026, 40242617027, 40242617028

METHOD BLANK: 2371658 Matrix: Solid  
Associated Lab Samples: 40242617008, 40242617009, 40242617010, 40242617011, 40242617012, 40242617013, 40242617014, 40242617015, 40242617016, 40242617017, 40242617018, 40242617019, 40242617021, 40242617022, 40242617023, 40242617026, 40242617027, 40242617028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	04/04/22 17:55	
Barium	mg/kg	<0.15	0.50	04/04/22 17:55	
Cadmium	mg/kg	<0.13	0.50	04/04/22 17:55	
Chromium	mg/kg	<0.28	1.0	04/04/22 17:55	
Lead	mg/kg	<0.60	2.0	04/04/22 17:55	
Selenium	mg/kg	<1.3	4.0	04/04/22 17:55	
Silver	mg/kg	<0.31	1.0	04/04/22 17:55	

LABORATORY CONTROL SAMPLE: 2371659

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	27.5	110	80-120	
Barium	mg/kg	25	28.0	112	80-120	
Cadmium	mg/kg	25	28.2	113	80-120	
Chromium	mg/kg	25	27.6	110	80-120	
Lead	mg/kg	25	28.7	115	80-120	
Selenium	mg/kg	25	29.0	116	80-120	
Silver	mg/kg	12.5	13.5	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2371660 2371661

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40242580001 Result	Spike Conc.	Spike Conc.	Conc.								
Arsenic	mg/kg	<1.6	27.1	27.1	27.1	29.5	30.2	106	109	75-125	3	20	
Barium	mg/kg	10.7	27.1	27.1	27.1	50.3	43.7	146	122	75-125	14	20	M0
Cadmium	mg/kg	<0.14	27.1	27.1	27.1	30.2	30.4	111	112	75-125	1	20	
Chromium	mg/kg	2.5	27.1	27.1	27.1	31.0	30.2	105	102	75-125	3	20	
Lead	mg/kg	10.7	27.1	27.1	27.1	42.3	40.9	116	111	75-125	3	20	
Selenium	mg/kg	<1.4	27.1	27.1	27.1	29.4	30.2	109	111	75-125	3	20	
Silver	mg/kg	<0.33	13.5	13.5	13.5	13.5	13.6	100	101	75-125	1	20	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

QC Batch: 411872	Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B	Analysis Description: 8260 MSV Med Level Normal List
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40242617003

METHOD BLANK: 2371754 Matrix: Solid

Associated Lab Samples: 40242617003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	03/31/22 09:38	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	03/31/22 09:38	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	03/31/22 09:38	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	03/31/22 09:38	
1,1-Dichloroethane	ug/kg	<12.8	50.0	03/31/22 09:38	
1,1-Dichloroethene	ug/kg	<16.6	50.0	03/31/22 09:38	
1,1-Dichloropropene	ug/kg	<16.2	50.0	03/31/22 09:38	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	03/31/22 09:38	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	03/31/22 09:38	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	03/31/22 09:38	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/31/22 09:38	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	03/31/22 09:38	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	03/31/22 09:38	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	03/31/22 09:38	
1,2-Dichloroethane	ug/kg	<11.5	50.0	03/31/22 09:38	
1,2-Dichloropropane	ug/kg	<11.9	50.0	03/31/22 09:38	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/31/22 09:38	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	03/31/22 09:38	
1,3-Dichloropropane	ug/kg	<10.9	50.0	03/31/22 09:38	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	03/31/22 09:38	
2,2-Dichloropropane	ug/kg	<13.5	50.0	03/31/22 09:38	
2-Chlorotoluene	ug/kg	<16.2	50.0	03/31/22 09:38	
4-Chlorotoluene	ug/kg	<19.0	50.0	03/31/22 09:38	
Benzene	ug/kg	<11.9	20.0	03/31/22 09:38	
Bromobenzene	ug/kg	<19.5	50.0	03/31/22 09:38	
Bromochloromethane	ug/kg	<13.7	50.0	03/31/22 09:38	
Bromodichloromethane	ug/kg	<11.9	50.0	03/31/22 09:38	
Bromoform	ug/kg	<220	250	03/31/22 09:38	
Bromomethane	ug/kg	<70.1	250	03/31/22 09:38	
Carbon tetrachloride	ug/kg	<11.0	50.0	03/31/22 09:38	
Chlorobenzene	ug/kg	<6.0	50.0	03/31/22 09:38	
Chloroethane	ug/kg	<21.1	250	03/31/22 09:38	
Chloroform	ug/kg	<35.8	250	03/31/22 09:38	
Chloromethane	ug/kg	<19.0	50.0	03/31/22 09:38	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	03/31/22 09:38	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	03/31/22 09:38	
Dibromochloromethane	ug/kg	<171	250	03/31/22 09:38	
Dibromomethane	ug/kg	<14.8	50.0	03/31/22 09:38	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	03/31/22 09:38	
Diisopropyl ether	ug/kg	<12.4	50.0	03/31/22 09:38	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

METHOD BLANK: 2371754 Matrix: Solid  
Associated Lab Samples: 40242617003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	03/31/22 09:38	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	03/31/22 09:38	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	03/31/22 09:38	
m&p-Xylene	ug/kg	<21.1	100	03/31/22 09:38	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/31/22 09:38	
Methylene Chloride	ug/kg	<13.9	50.0	03/31/22 09:38	
n-Butylbenzene	ug/kg	<22.9	50.0	03/31/22 09:38	
n-Propylbenzene	ug/kg	<12.0	50.0	03/31/22 09:38	
Naphthalene	ug/kg	<15.6	250	03/31/22 09:38	
o-Xylene	ug/kg	<15.0	50.0	03/31/22 09:38	
p-Isopropyltoluene	ug/kg	<15.2	50.0	03/31/22 09:38	
sec-Butylbenzene	ug/kg	<12.2	50.0	03/31/22 09:38	
Styrene	ug/kg	<12.8	50.0	03/31/22 09:38	
tert-Butylbenzene	ug/kg	<15.7	50.0	03/31/22 09:38	
Tetrachloroethene	ug/kg	<19.4	50.0	03/31/22 09:38	
Toluene	ug/kg	<12.6	50.0	03/31/22 09:38	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	03/31/22 09:38	
trans-1,3-Dichloropropene	ug/kg	<143	250	03/31/22 09:38	
Trichloroethene	ug/kg	<18.7	50.0	03/31/22 09:38	
Trichlorofluoromethane	ug/kg	<14.5	50.0	03/31/22 09:38	
Vinyl chloride	ug/kg	<10.1	50.0	03/31/22 09:38	
1,2-Dichlorobenzene-d4 (S)	%	99	82-158	03/31/22 09:38	
4-Bromofluorobenzene (S)	%	109	66-153	03/31/22 09:38	
Toluene-d8 (S)	%	99	67-159	03/31/22 09:38	

LABORATORY CONTROL SAMPLE: 2371755

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2760	110	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2110	84	65-129	
1,1,2-Trichloroethane	ug/kg	2500	2190	87	70-130	
1,1-Dichloroethane	ug/kg	2500	2540	102	70-130	
1,1-Dichloroethene	ug/kg	2500	2500	100	67-120	
1,2,4-Trichlorobenzene	ug/kg	2500	1990	79	64-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2430	97	57-119	
1,2-Dibromoethane (EDB)	ug/kg	2500	2380	95	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2470	99	70-130	
1,2-Dichloroethane	ug/kg	2500	2690	108	70-130	
1,2-Dichloropropane	ug/kg	2500	2570	103	72-118	
1,3-Dichlorobenzene	ug/kg	2500	2400	96	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2470	99	70-130	
Benzene	ug/kg	2500	2370	95	70-130	
Bromodichloromethane	ug/kg	2500	2750	110	70-130	
Bromoform	ug/kg	2500	1960	79	66-130	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

LABORATORY CONTROL SAMPLE: 2371755

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	1660	66	13-153	
Carbon tetrachloride	ug/kg	2500	3050	122	73-134	
Chlorobenzene	ug/kg	2500	2420	97	70-130	
Chloroethane	ug/kg	2500	1950	78	19-170	
Chloroform	ug/kg	2500	2640	106	79-120	
Chloromethane	ug/kg	2500	1970	79	45-117	
cis-1,2-Dichloroethene	ug/kg	2500	2500	100	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2500	100	68-130	
Dibromochloromethane	ug/kg	2500	2450	98	70-130	
Dichlorodifluoromethane	ug/kg	2500	1510	60	15-135	
Ethylbenzene	ug/kg	2500	2410	97	78-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2500	100	70-130	
m&p-Xylene	ug/kg	5000	4660	93	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2400	96	65-130	
Methylene Chloride	ug/kg	2500	2540	101	70-130	
o-Xylene	ug/kg	2500	2330	93	70-130	
Styrene	ug/kg	2500	2570	103	70-130	
Tetrachloroethene	ug/kg	2500	2420	97	70-130	
Toluene	ug/kg	2500	2200	88	76-120	
trans-1,2-Dichloroethene	ug/kg	2500	2530	101	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2000	80	70-130	
Trichloroethene	ug/kg	2500	2540	102	70-130	
Trichlorofluoromethane	ug/kg	2500	1850	74	49-153	
Vinyl chloride	ug/kg	2500	2130	85	58-121	
1,2-Dichlorobenzene-d4 (S)	%			100	82-158	
4-Bromofluorobenzene (S)	%			106	66-153	
Toluene-d8 (S)	%			100	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2371756 2371757

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40242559005	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/kg	<15.9	1240	1240	1180	1230	95	99	70-130	4	20		
1,1,2,2-Tetrachloroethane	ug/kg	<22.5	1240	1240	1080	1130	87	91	65-129	4	20		
1,1,2-Trichloroethane	ug/kg	<22.6	1240	1240	1080	1190	87	96	70-130	10	20		
1,1-Dichloroethane	ug/kg	<15.9	1240	1240	1200	1300	97	105	70-130	8	20		
1,1-Dichloroethene	ug/kg	<20.6	1240	1240	1060	1180	85	95	64-120	11	20		
1,2,4-Trichlorobenzene	ug/kg	<51.1	1240	1240	1070	1070	86	86	64-130	0	20		
1,2-Dibromo-3-chloropropane	ug/kg	<48.1	1240	1240	1080	1240	87	100	57-130	13	21		
1,2-Dibromoethane (EDB)	ug/kg	<17.0	1240	1240	1210	1220	98	98	70-130	0	20		
1,2-Dichlorobenzene	ug/kg	<19.2	1240	1240	1350	1340	109	108	70-130	1	20		
1,2-Dichloroethane	ug/kg	<14.3	1240	1240	1310	1300	105	105	70-130	1	20		
1,2-Dichloropropane	ug/kg	<14.8	1240	1240	1240	1250	100	101	72-122	1	20		
1,3-Dichlorobenzene	ug/kg	<17.0	1240	1240	1290	1310	104	106	70-130	2	20		

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**QUALITY CONTROL DATA**

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Parameter	Units	40242559005		2371756		2371757		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,4-Dichlorobenzene	ug/kg	<17.0	1240	1240	1370	1310	111	106	70-130	4	20			
Benzene	ug/kg	<14.8	1240	1240	1140	1190	92	96	70-130	4	20			
Bromodichloromethane	ug/kg	<14.8	1240	1240	1270	1250	102	101	70-130	1	20			
Bromoform	ug/kg	<273	1240	1240	1140	1100	92	89	66-130	4	20			
Bromomethane	ug/kg	<87.0	1240	1240	875	913	71	74	13-153	4	20			
Carbon tetrachloride	ug/kg	<13.6	1240	1240	1190	1260	96	101	67-134	6	20			
Chlorobenzene	ug/kg	<7.4	1240	1240	1220	1280	98	103	70-130	5	20			
Chloroethane	ug/kg	<26.2	1240	1240	929	988	75	80	11-195	6	20			
Chloroform	ug/kg	<44.4	1240	1240	1280	1320	103	107	79-120	4	20			
Chloromethane	ug/kg	<23.6	1240	1240	1080	1170	87	94	30-136	8	20			
cis-1,2-Dichloroethene	ug/kg	<13.3	1240	1240	1210	1240	97	100	70-130	3	20			
cis-1,3-Dichloropropene	ug/kg	<40.9	1240	1240	1150	1070	92	86	68-130	7	20			
Dibromochloromethane	ug/kg	<212	1240	1240	1240	1130	100	91	70-130	9	20			
Dichlorodifluoromethane	ug/kg	<26.7	1240	1240	890	973	72	78	10-158	9	25			
Ethylbenzene	ug/kg	<14.8	1240	1240	1170	1220	94	99	78-120	5	20			
Isopropylbenzene (Cumene)	ug/kg	<16.7	1240	1240	1130	1230	91	99	70-130	9	20			
m&p-Xylene	ug/kg	<26.2	2480	2480	2260	2390	91	96	70-130	5	20			
Methyl-tert-butyl ether	ug/kg	<18.2	1240	1240	1130	1100	91	89	65-130	3	20			
Methylene Chloride	ug/kg	<17.2	1240	1240	1230	1230	99	100	70-130	0	20			
o-Xylene	ug/kg	<18.6	1240	1240	1180	1180	95	95	70-130	0	20			
Styrene	ug/kg	<15.9	1240	1240	1220	1300	98	105	70-130	6	20			
Tetrachloroethene	ug/kg	<24.1	1240	1240	1130	1250	91	101	70-130	10	20			
Toluene	ug/kg	<15.6	1240	1240	1120	1160	90	93	76-120	4	20			
trans-1,2-Dichloroethene	ug/kg	<13.4	1240	1240	1130	1270	91	102	70-130	11	20			
trans-1,3-Dichloropropene	ug/kg	<177	1240	1240	1090	1100	88	88	70-130	1	20			
Trichloroethene	ug/kg	<23.2	1240	1240	1200	1280	97	103	70-130	6	20			
Trichlorofluoromethane	ug/kg	<18.0	1240	1240	712	836	57	67	42-159	16	21			
Vinyl chloride	ug/kg	<12.5	1240	1240	1090	1200	88	97	43-137	10	20			
1,2-Dichlorobenzene-d4 (S)	%						109	117	82-158					
4-Bromofluorobenzene (S)	%						122	135	66-153					
Toluene-d8 (S)	%						112	123	67-159					

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

QC Batch: 411853 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40242617001, 40242617002, 40242617004, 40242617005, 40242617006, 40242617007, 40242617020, 40242617024, 40242617025, 40242617029

METHOD BLANK: 2371678 Matrix: Water  
Associated Lab Samples: 40242617001, 40242617002, 40242617004, 40242617005, 40242617006, 40242617007, 40242617020, 40242617024, 40242617025, 40242617029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	03/31/22 08:47	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/31/22 08:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	03/31/22 08:47	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	03/31/22 08:47	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/31/22 08:47	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/31/22 08:47	
1,1-Dichloropropene	ug/L	<0.41	1.0	03/31/22 08:47	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	03/31/22 08:47	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	03/31/22 08:47	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	03/31/22 08:47	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	03/31/22 08:47	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	03/31/22 08:47	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	03/31/22 08:47	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	03/31/22 08:47	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/31/22 08:47	
1,2-Dichloropropane	ug/L	<0.45	1.0	03/31/22 08:47	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	03/31/22 08:47	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	03/31/22 08:47	
1,3-Dichloropropane	ug/L	<0.30	1.0	03/31/22 08:47	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	03/31/22 08:47	
2,2-Dichloropropane	ug/L	<4.2	5.0	03/31/22 08:47	
2-Chlorotoluene	ug/L	<0.89	5.0	03/31/22 08:47	
4-Chlorotoluene	ug/L	<0.89	5.0	03/31/22 08:47	
Benzene	ug/L	<0.30	1.0	03/31/22 08:47	
Bromobenzene	ug/L	<0.36	1.0	03/31/22 08:47	
Bromochloromethane	ug/L	<0.36	5.0	03/31/22 08:47	
Bromodichloromethane	ug/L	<0.42	1.0	03/31/22 08:47	
Bromoform	ug/L	<3.8	5.0	03/31/22 08:47	
Bromomethane	ug/L	<1.2	5.0	03/31/22 08:47	
Carbon tetrachloride	ug/L	<0.37	1.0	03/31/22 08:47	
Chlorobenzene	ug/L	<0.86	1.0	03/31/22 08:47	
Chloroethane	ug/L	<1.4	5.0	03/31/22 08:47	
Chloroform	ug/L	<1.2	5.0	03/31/22 08:47	
Chloromethane	ug/L	<1.6	5.0	03/31/22 08:47	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/31/22 08:47	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	03/31/22 08:47	
Dibromochloromethane	ug/L	<2.6	5.0	03/31/22 08:47	
Dibromomethane	ug/L	<0.99	5.0	03/31/22 08:47	
Dichlorodifluoromethane	ug/L	<0.46	5.0	03/31/22 08:47	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

METHOD BLANK: 2371678

Matrix: Water

Associated Lab Samples: 40242617001, 40242617002, 40242617004, 40242617005, 40242617006, 40242617007, 40242617020, 40242617024, 40242617025, 40242617029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	03/31/22 08:47	
Ethylbenzene	ug/L	<0.33	1.0	03/31/22 08:47	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	03/31/22 08:47	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	03/31/22 08:47	
m&p-Xylene	ug/L	<0.70	2.0	03/31/22 08:47	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	03/31/22 08:47	
Methylene Chloride	ug/L	<0.32	5.0	03/31/22 08:47	
n-Butylbenzene	ug/L	<0.86	1.0	03/31/22 08:47	
n-Propylbenzene	ug/L	<0.35	1.0	03/31/22 08:47	
Naphthalene	ug/L	<1.1	5.0	03/31/22 08:47	
o-Xylene	ug/L	<0.35	1.0	03/31/22 08:47	
p-Isopropyltoluene	ug/L	<1.0	5.0	03/31/22 08:47	
sec-Butylbenzene	ug/L	<0.42	1.0	03/31/22 08:47	
Styrene	ug/L	<0.36	1.0	03/31/22 08:47	
tert-Butylbenzene	ug/L	<0.59	1.0	03/31/22 08:47	
Tetrachloroethene	ug/L	<0.41	1.0	03/31/22 08:47	
Toluene	ug/L	<0.29	1.0	03/31/22 08:47	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/31/22 08:47	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	03/31/22 08:47	
Trichloroethene	ug/L	<0.32	1.0	03/31/22 08:47	
Trichlorofluoromethane	ug/L	<0.42	1.0	03/31/22 08:47	
Vinyl chloride	ug/L	<0.17	1.0	03/31/22 08:47	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	03/31/22 08:47	
4-Bromofluorobenzene (S)	%	92	70-130	03/31/22 08:47	
Toluene-d8 (S)	%	102	70-130	03/31/22 08:47	

LABORATORY CONTROL SAMPLE: 2371679

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	61.1	122	70-130	
1,1,1,2-Tetrachloroethane	ug/L	50	35.9	72	66-130	
1,1,2-Trichloroethane	ug/L	50	43.0	86	70-130	
1,1-Dichloroethane	ug/L	50	54.1	108	68-132	
1,1-Dichloroethene	ug/L	50	52.7	105	85-126	
1,2,4-Trichlorobenzene	ug/L	50	48.8	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	39.6	79	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	41.4	83	70-130	
1,2-Dichlorobenzene	ug/L	50	51.2	102	70-130	
1,2-Dichloroethane	ug/L	50	53.3	107	70-130	
1,2-Dichloropropane	ug/L	50	49.3	99	78-125	
1,3-Dichlorobenzene	ug/L	50	51.7	103	70-130	
1,4-Dichlorobenzene	ug/L	50	53.2	106	70-130	
Benzene	ug/L	50	46.5	93	70-132	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM

Pace Project No.: 40242617

LABORATORY CONTROL SAMPLE: 2371679

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	51.0	102	70-130	
Bromoform	ug/L	50	44.0	88	65-130	
Bromomethane	ug/L	50	36.8	74	44-128	
Carbon tetrachloride	ug/L	50	65.5	131	70-130	L1
Chlorobenzene	ug/L	50	54.7	109	70-130	
Chloroethane	ug/L	50	51.1	102	73-137	
Chloroform	ug/L	50	58.2	116	80-122	
Chloromethane	ug/L	50	48.8	98	27-148	
cis-1,2-Dichloroethene	ug/L	50	47.6	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.4	87	70-130	
Dibromochloromethane	ug/L	50	45.8	92	70-130	
Dichlorodifluoromethane	ug/L	50	51.1	102	22-151	
Ethylbenzene	ug/L	50	58.2	116	80-123	
Isopropylbenzene (Cumene)	ug/L	50	60.8	122	70-130	
m&p-Xylene	ug/L	100	114	114	70-130	
Methyl-tert-butyl ether	ug/L	50	38.5	77	66-130	
Methylene Chloride	ug/L	50	49.9	100	70-130	
o-Xylene	ug/L	50	53.5	107	70-130	
Styrene	ug/L	50	56.3	113	70-130	
Tetrachloroethene	ug/L	50	59.1	118	70-130	
Toluene	ug/L	50	52.9	106	80-121	
trans-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.7	85	58-125	
Trichloroethene	ug/L	50	49.4	99	70-130	
Trichlorofluoromethane	ug/L	50	73.9	148	84-148	
Vinyl chloride	ug/L	50	53.1	106	63-142	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2371750 2371751

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40242585002	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	62.9	61.0	126	122	70-130	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	36.5	36.1	73	72	66-130	1	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	42.3	41.8	85	84	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	54.8	53.5	110	107	68-132	2	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	54.5	52.0	109	104	76-132	5	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	51.8	50.8	104	102	70-130	2	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	42.1	39.1	84	78	51-126	7	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	42.0	41.4	84	83	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.6	50.0	103	100	70-130	3	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	54.9	53.5	110	107	70-130	3	20		

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**QUALITY CONTROL DATA**

Project: 25222051VOIT FARM

Pace Project No.: 40242617

Parameter	Units	40242585002		2371750		2371751		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,2-Dichloropropane	ug/L	<0.45	50	50	50.0	48.3	100	97	77-125	3	20			
1,3-Dichlorobenzene	ug/L	<0.35	50	50	54.2	52.3	108	105	70-130	3	20			
1,4-Dichlorobenzene	ug/L	<0.89	50	50	54.6	52.8	109	106	70-130	3	20			
Benzene	ug/L	<0.30	50	50	47.0	46.3	94	93	70-132	2	20			
Bromodichloromethane	ug/L	<0.42	50	50	51.7	50.6	103	101	70-130	2	20			
Bromoform	ug/L	<3.8	50	50	44.8	43.9	90	88	65-130	2	20			
Bromomethane	ug/L	<1.2	50	50	39.3	40.0	79	80	44-128	2	21			
Carbon tetrachloride	ug/L	<0.37	50	50	66.9	65.0	134	130	70-132	3	20 MO			
Chlorobenzene	ug/L	<0.86	50	50	55.2	53.9	110	108	70-130	2	20			
Chloroethane	ug/L	<1.4	50	50	51.9	50.2	104	100	70-137	3	20			
Chloroform	ug/L	<1.2	50	50	59.5	56.9	119	114	80-122	4	20			
Chloromethane	ug/L	<1.6	50	50	49.4	47.1	99	94	17-149	5	20			
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	48.2	47.8	96	96	70-130	1	20			
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	44.9	44.1	90	88	70-130	2	20			
Dibromochloromethane	ug/L	<2.6	50	50	46.6	45.9	93	92	70-130	2	20			
Dichlorodifluoromethane	ug/L	<0.46	50	50	51.7	49.7	103	99	22-158	4	20			
Ethylbenzene	ug/L	<0.33	50	50	58.6	56.9	117	114	80-123	3	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	60.7	59.0	121	118	70-130	3	20			
m&p-Xylene	ug/L	0.86J	100	100	114	110	113	109	70-130	3	20			
Methyl-tert-butyl ether	ug/L	<1.1	50	50	39.8	39.1	80	78	66-130	2	20			
Methylene Chloride	ug/L	<0.32	50	50	51.8	49.6	104	99	70-130	4	20			
o-Xylene	ug/L	<0.35	50	50	54.3	52.5	109	105	70-130	3	20			
Styrene	ug/L	<0.36	50	50	56.8	54.0	114	108	70-130	5	20			
Tetrachloroethene	ug/L	<0.41	50	50	58.8	56.5	118	113	70-130	4	20			
Toluene	ug/L	0.52J	50	50	53.6	51.8	106	103	80-121	3	20			
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	51.1	50.3	102	101	70-134	2	20			
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	43.2	41.9	86	84	58-130	3	20			
Trichloroethene	ug/L	<0.32	50	50	51.6	50.2	103	100	70-130	3	20			
Trichlorofluoromethane	ug/L	<0.42	50	50	75.4	71.8	151	144	82-151	5	20			
Vinyl chloride	ug/L	<0.17	50	50	54.1	52.7	108	105	61-143	3	20			
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130					
4-Bromofluorobenzene (S)	%						95	95	70-130					
Toluene-d8 (S)	%						105	103	70-130					

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

QC Batch: 411857      Analysis Method: EPA 8270E by SIM  
QC Batch Method: EPA 3546      Analysis Description: 8270E/3546 MSSV PAH by SIM  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40242617008, 40242617009

METHOD BLANK: 2371692      Matrix: Solid

Associated Lab Samples: 40242617008, 40242617009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	03/31/22 10:22	
2-Methylnaphthalene	ug/kg	<2.4	16.7	03/31/22 10:22	
Acenaphthene	ug/kg	<2.2	16.7	03/31/22 10:22	
Acenaphthylene	ug/kg	<2.1	16.7	03/31/22 10:22	
Anthracene	ug/kg	<2.1	16.7	03/31/22 10:22	
Benzo(a)anthracene	ug/kg	<2.2	16.7	03/31/22 10:22	
Benzo(a)pyrene	ug/kg	<1.9	16.7	03/31/22 10:22	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	03/31/22 10:22	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	03/31/22 10:22	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	03/31/22 10:22	
Chrysene	ug/kg	<3.1	16.7	03/31/22 10:22	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	03/31/22 10:22	
Fluoranthene	ug/kg	<2.0	16.7	03/31/22 10:22	
Fluorene	ug/kg	<2.0	16.7	03/31/22 10:22	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	03/31/22 10:22	
Naphthalene	ug/kg	<1.6	16.7	03/31/22 10:22	
Phenanthrene	ug/kg	<1.9	16.7	03/31/22 10:22	
Pyrene	ug/kg	<2.5	16.7	03/31/22 10:22	
2-Fluorobiphenyl (S)	%	80	36-86	03/31/22 10:22	
Terphenyl-d14 (S)	%	82	41-97	03/31/22 10:22	

LABORATORY CONTROL SAMPLE: 2371693

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	304	91	53-100	
2-Methylnaphthalene	ug/kg	334	291	87	51-97	
Acenaphthene	ug/kg	334	265	79	62-120	
Acenaphthylene	ug/kg	334	270	81	61-120	
Anthracene	ug/kg	334	299	90	62-111	
Benzo(a)anthracene	ug/kg	334	267	80	61-120	
Benzo(a)pyrene	ug/kg	334	294	88	65-120	
Benzo(b)fluoranthene	ug/kg	334	290	87	64-108	
Benzo(g,h,i)perylene	ug/kg	334	275	82	71-120	
Benzo(k)fluoranthene	ug/kg	334	282	85	76-120	
Chrysene	ug/kg	334	278	83	74-120	
Dibenz(a,h)anthracene	ug/kg	334	281	84	71-120	
Fluoranthene	ug/kg	334	279	84	67-112	
Fluorene	ug/kg	334	275	82	65-120	
Indeno(1,2,3-cd)pyrene	ug/kg	334	285	85	74-120	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

LABORATORY CONTROL SAMPLE: 2371693

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	334	246	74	53-120	
Phenanthrene	ug/kg	334	277	83	67-120	
Pyrene	ug/kg	334	276	83	60-103	
2-Fluorobiphenyl (S)	%			74	36-86	
Terphenyl-d14 (S)	%			83	41-97	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2371694 2371695

Parameter	Units	MS 40242380011		MSD 2371695		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	ug/kg	<2.6	356	357	210	224	59	63	41-100	7	29	
2-Methylnaphthalene	ug/kg	<2.6	356	357	208	214	58	60	42-97	3	21	
Acenaphthene	ug/kg	<2.3	356	357	206	217	58	61	43-120	5	27	
Acenaphthylene	ug/kg	<2.2	356	357	209	227	59	64	51-120	8	26	
Anthracene	ug/kg	<2.2	356	357	211	253	59	71	46-111	18	29	
Benzo(a)anthracene	ug/kg	<2.3	356	357	201	231	56	65	48-120	14	23	
Benzo(a)pyrene	ug/kg	<2.0	356	357	216	247	61	69	46-108	13	30	
Benzo(b)fluoranthene	ug/kg	<2.5	356	357	205	253	57	71	45-108	21	30	
Benzo(g,h,i)perylene	ug/kg	<3.1	356	357	208	226	58	63	39-120	8	37	
Benzo(k)fluoranthene	ug/kg	<2.3	356	357	232	224	65	63	47-120	4	31	
Chrysene	ug/kg	<3.4	356	357	218	238	61	67	54-120	9	21	
Dibenz(a,h)anthracene	ug/kg	<2.5	356	357	213	225	60	63	46-120	5	34	
Fluoranthene	ug/kg	<2.1	356	357	218	270	61	76	53-112	21	27	
Fluorene	ug/kg	<2.1	356	357	214	241	60	68	48-120	12	29	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.7	356	357	220	229	62	64	40-120	4	34	
Naphthalene	ug/kg	<1.7	356	357	183	189	51	53	47-120	3	25	
Phenanthrene	ug/kg	<2.0	356	357	207	239	58	67	49-120	14	28	
Pyrene	ug/kg	<2.6	356	357	205	239	57	67	43-103	16	31	
2-Fluorobiphenyl (S)	%						53	57	36-86			
Terphenyl-d14 (S)	%						51	66	41-97			

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

QC Batch: 411966 Analysis Method: EPA 8270E by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270E/3546 MSSV PAH by SIM  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40242617011, 40242617012, 40242617013, 40242617014, 40242617015, 40242617016, 40242617017, 40242617018, 40242617019, 40242617021, 40242617022, 40242617026, 40242617027, 40242617028

METHOD BLANK: 2372409 Matrix: Solid  
Associated Lab Samples: 40242617011, 40242617012, 40242617013, 40242617014, 40242617015, 40242617016, 40242617017, 40242617018, 40242617019, 40242617021, 40242617022, 40242617026, 40242617027, 40242617028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	04/01/22 10:57	
2-Methylnaphthalene	ug/kg	<2.4	16.7	04/01/22 10:57	
Acenaphthene	ug/kg	<2.2	16.7	04/01/22 10:57	
Acenaphthylene	ug/kg	<2.1	16.7	04/01/22 10:57	
Anthracene	ug/kg	<2.1	16.7	04/01/22 10:57	
Benzo(a)anthracene	ug/kg	<2.2	16.7	04/01/22 10:57	
Benzo(a)pyrene	ug/kg	<1.9	16.7	04/01/22 10:57	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	04/01/22 10:57	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	04/01/22 10:57	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	04/01/22 10:57	
Chrysene	ug/kg	<3.1	16.7	04/01/22 10:57	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	04/01/22 10:57	
Fluoranthene	ug/kg	<2.0	16.7	04/01/22 10:57	
Fluorene	ug/kg	<2.0	16.7	04/01/22 10:57	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	04/01/22 10:57	
Naphthalene	ug/kg	<1.6	16.7	04/01/22 10:57	
Phenanthrene	ug/kg	<1.9	16.7	04/01/22 10:57	
Pyrene	ug/kg	<2.5	16.7	04/01/22 10:57	
2-Fluorobiphenyl (S)	%	77	36-86	04/01/22 10:57	
Terphenyl-d14 (S)	%	86	41-97	04/01/22 10:57	

LABORATORY CONTROL SAMPLE: 2372410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	280	84	53-100	
2-Methylnaphthalene	ug/kg	334	274	82	51-97	
Acenaphthene	ug/kg	334	292	87	62-120	
Acenaphthylene	ug/kg	334	297	89	61-120	
Anthracene	ug/kg	334	333	100	62-111	
Benzo(a)anthracene	ug/kg	334	301	90	61-120	
Benzo(a)pyrene	ug/kg	334	322	97	65-120	
Benzo(b)fluoranthene	ug/kg	334	307	92	64-108	
Benzo(g,h,i)perylene	ug/kg	334	336	101	71-120	
Benzo(k)fluoranthene	ug/kg	334	346	104	76-120	
Chrysene	ug/kg	334	306	92	74-120	
Dibenz(a,h)anthracene	ug/kg	334	335	100	71-120	
Fluoranthene	ug/kg	334	321	96	67-112	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM

Pace Project No.: 40242617

LABORATORY CONTROL SAMPLE: 2372410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	334	333	100	65-120	
Indeno(1,2,3-cd)pyrene	ug/kg	334	341	102	74-120	
Naphthalene	ug/kg	334	255	77	53-120	
Phenanthrene	ug/kg	334	305	92	67-120	
Pyrene	ug/kg	334	272	82	60-103	
2-Fluorobiphenyl (S)	%			79	36-86	
Terphenyl-d14 (S)	%			82	41-97	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2372411 2372412

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40242617016 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	ug/kg	168J	378	379	288J	254J	32	23	41-100	29	M1
2-Methylnaphthalene	ug/kg	108J	378	379	281J	248J	46	37	42-97	21	M1
Acenaphthene	ug/kg	1260	378	379	414	435	-222	-217	43-120	5	27 M1
Acenaphthylene	ug/kg	106J	378	379	273J	248J	44	37	51-120		26 M1
Anthracene	ug/kg	3180	378	379	654	577	-667	-685	46-111	12	29 M1
Benzo(a)anthracene	ug/kg	4810	378	379	877	773	-1040	-1070	48-120	13	23 M1
Benzo(a)pyrene	ug/kg	4300	378	379	772	719	-932	-944	46-108	7	30 M1
Benzo(b)fluoranthene	ug/kg	5800	378	379	839	845	-1310	-1300	45-108	1	30 M1
Benzo(g,h,i)perylene	ug/kg	2520	378	379	603	552	-507	-519	39-120	9	37 M1
Benzo(k)fluoranthene	ug/kg	2230	378	379	597	570	-431	-437	47-120	5	31 M1
Chrysene	ug/kg	4800	378	379	849	805	-1040	-1050	54-120	5	21 M1
Dibenz(a,h)anthracene	ug/kg	681	378	379	365J	297J	-84	-101	46-120		34 M1
Fluoranthene	ug/kg	13100	378	379	1880	1740	-2980	-3010	53-112	7	27 M1
Fluorene	ug/kg	1790	378	379	406	402	-366	-367	48-120	1	29 M1
Indeno(1,2,3-cd)pyrene	ug/kg	2270	378	379	586	515	-444	-462	40-120	13	34 M1
Naphthalene	ug/kg	231J	378	379	282J	256J	13	7	47-120		25 M1
Phenanthrene	ug/kg	9390	378	379	1090	1180	-2190	-2160	49-120	9	28 M1
Pyrene	ug/kg	9810	378	379	1330	1330	-2240	-2230	43-103	0	31 M1
2-Fluorobiphenyl (S)	%						63	52	36-86		
Terphenyl-d14 (S)	%						62	64	41-97		

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

QC Batch: 412078      Analysis Method: EPA 8270E by SIM  
QC Batch Method: EPA 3546      Analysis Description: 8270E/3546 MSSV PAH by SIM  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40242617010

METHOD BLANK: 2373325      Matrix: Solid  
Associated Lab Samples: 40242617010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	04/04/22 10:53	
2-Methylnaphthalene	ug/kg	<2.4	16.7	04/04/22 10:53	
Acenaphthene	ug/kg	<2.2	16.7	04/04/22 10:53	
Acenaphthylene	ug/kg	<2.1	16.7	04/04/22 10:53	
Anthracene	ug/kg	<2.1	16.7	04/04/22 10:53	
Benzo(a)anthracene	ug/kg	<2.2	16.7	04/04/22 10:53	
Benzo(a)pyrene	ug/kg	<1.9	16.7	04/04/22 10:53	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	04/04/22 10:53	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	04/04/22 10:53	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	04/04/22 10:53	
Chrysene	ug/kg	<3.2	16.7	04/04/22 10:53	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	04/04/22 10:53	
Fluoranthene	ug/kg	<2.0	16.7	04/04/22 10:53	
Fluorene	ug/kg	<2.0	16.7	04/04/22 10:53	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	04/04/22 10:53	
Naphthalene	ug/kg	<1.6	16.7	04/04/22 10:53	
Phenanthrene	ug/kg	<1.9	16.7	04/04/22 10:53	
Pyrene	ug/kg	<2.5	16.7	04/04/22 10:53	
2-Fluorobiphenyl (S)	%	85	36-86	04/04/22 10:53	
Terphenyl-d14 (S)	%	86	41-97	04/04/22 10:53	

LABORATORY CONTROL SAMPLE: 2373326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	315	94	53-100	
2-Methylnaphthalene	ug/kg	334	316	95	51-97	
Acenaphthene	ug/kg	334	285	85	62-120	
Acenaphthylene	ug/kg	334	296	89	61-120	
Anthracene	ug/kg	334	315	94	62-111	
Benzo(a)anthracene	ug/kg	334	298	89	61-120	
Benzo(a)pyrene	ug/kg	334	322	97	65-120	
Benzo(b)fluoranthene	ug/kg	334	335	100	64-108	
Benzo(g,h,i)perylene	ug/kg	334	327	98	71-120	
Benzo(k)fluoranthene	ug/kg	334	304	91	76-120	
Chrysene	ug/kg	334	300	90	74-120	
Dibenz(a,h)anthracene	ug/kg	334	333	100	71-120	
Fluoranthene	ug/kg	334	314	94	67-112	
Fluorene	ug/kg	334	321	96	65-120	
Indeno(1,2,3-cd)pyrene	ug/kg	334	334	100	74-120	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM

Pace Project No.: 40242617

LABORATORY CONTROL SAMPLE: 2373326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	334	269	80	53-120	
Phenanthrene	ug/kg	334	295	88	67-120	
Pyrene	ug/kg	334	327	98	60-103	
2-Fluorobiphenyl (S)	%			86	36-86	
Terphenyl-d14 (S)	%			89	41-97	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2373327 2373328

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40242632006 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	ug/kg	<2.7	370	370	320	296	86	80	41-100	8	29
2-Methylnaphthalene	ug/kg	<2.7	370	370	323	293	87	79	42-97	10	21
Acenaphthene	ug/kg	<2.4	370	370	332	283	90	76	43-120	16	27
Acenaphthylene	ug/kg	<2.3	370	370	344	291	93	79	51-120	17	26
Anthracene	ug/kg	<2.3	370	370	337	302	91	82	46-111	11	29
Benzo(a)anthracene	ug/kg	<2.4	370	370	313	269	84	73	48-120	15	23
Benzo(a)pyrene	ug/kg	<2.1	370	370	301	295	81	80	46-108	2	30
Benzo(b)fluoranthene	ug/kg	<2.6	370	370	295	288	80	78	45-108	2	30
Benzo(g,h,i)perylene	ug/kg	<3.2	370	370	314	312	85	84	39-120	1	37
Benzo(k)fluoranthene	ug/kg	<2.4	370	370	322	297	87	80	47-120	8	31
Chrysene	ug/kg	<3.5	370	370	323	275	87	74	54-120	16	21
Dibenz(a,h)anthracene	ug/kg	<2.6	370	370	321	326	87	88	46-120	1	34
Fluoranthene	ug/kg	<2.2	370	370	338	274	91	74	53-112	21	27
Fluorene	ug/kg	<2.2	370	370	353	335	95	91	48-120	5	29
Indeno(1,2,3-cd)pyrene	ug/kg	<3.9	370	370	319	323	86	87	40-120	1	34
Naphthalene	ug/kg	<1.8	370	370	297	262	80	71	47-120	13	25
Phenanthrene	ug/kg	<2.1	370	370	319	278	86	75	49-120	14	28
Pyrene	ug/kg	<2.7	370	370	319	244	86	66	43-103	27	31
2-Fluorobiphenyl (S)	%						82	68	36-86		
Terphenyl-d14 (S)	%						81	61	41-97		

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

QC Batch: 412325	Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3546	Analysis Description: 8270E/3546 MSSV PAH by SIM
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40242617023

METHOD BLANK: 2374370 Matrix: Solid

Associated Lab Samples: 40242617023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	04/06/22 10:51	
2-Methylnaphthalene	ug/kg	<2.4	16.7	04/06/22 10:51	
Acenaphthene	ug/kg	<2.2	16.7	04/06/22 10:51	
Acenaphthylene	ug/kg	<2.1	16.7	04/06/22 10:51	
Anthracene	ug/kg	<2.1	16.7	04/06/22 10:51	
Benzo(a)anthracene	ug/kg	<2.2	16.7	04/06/22 10:51	
Benzo(a)pyrene	ug/kg	<1.9	16.7	04/06/22 10:51	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	04/06/22 10:51	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	04/06/22 10:51	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	04/06/22 10:51	
Chrysene	ug/kg	<3.1	16.7	04/06/22 10:51	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	04/06/22 10:51	
Fluoranthene	ug/kg	<2.0	16.7	04/06/22 10:51	
Fluorene	ug/kg	<2.0	16.7	04/06/22 10:51	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	04/06/22 10:51	
Naphthalene	ug/kg	<1.6	16.7	04/06/22 10:51	
Phenanthrene	ug/kg	<1.9	16.7	04/06/22 10:51	
Pyrene	ug/kg	<2.5	16.7	04/06/22 10:51	
2-Fluorobiphenyl (S)	%	74	36-86	04/06/22 10:51	
Terphenyl-d14 (S)	%	85	41-97	04/06/22 10:51	

LABORATORY CONTROL SAMPLE: 2374371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	305	91	53-100	
2-Methylnaphthalene	ug/kg	333	304	91	51-97	
Acenaphthene	ug/kg	333	310	93	62-120	
Acenaphthylene	ug/kg	333	308	92	61-120	
Anthracene	ug/kg	333	315	94	62-111	
Benzo(a)anthracene	ug/kg	333	290	87	61-120	
Benzo(a)pyrene	ug/kg	333	324	97	65-120	
Benzo(b)fluoranthene	ug/kg	333	320	96	64-108	
Benzo(g,h,i)perylene	ug/kg	333	318	95	71-120	
Benzo(k)fluoranthene	ug/kg	333	310	93	76-120	
Chrysene	ug/kg	333	316	95	74-120	
Dibenz(a,h)anthracene	ug/kg	333	322	97	71-120	
Fluoranthene	ug/kg	333	310	93	67-112	
Fluorene	ug/kg	333	320	96	65-120	
Indeno(1,2,3-cd)pyrene	ug/kg	333	326	98	74-120	

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

LABORATORY CONTROL SAMPLE: 2374371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	333	283	85	53-120	
Phenanthrene	ug/kg	333	294	88	67-120	
Pyrene	ug/kg	333	338	101	60-103	
2-Fluorobiphenyl (S)	%			88	36-86	S0
Terphenyl-d14 (S)	%			94	41-97	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2374372 2374373

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40242786005 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	ug/kg	<2.8	380	381	375	316	99	83	41-100	17	29
2-Methylnaphthalene	ug/kg	<2.8	380	381	324	306	85	80	42-97	6	21
Acenaphthene	ug/kg	<2.5	380	381	309	298	81	78	43-120	4	27
Acenaphthylene	ug/kg	<2.4	380	381	317	304	83	80	51-120	4	26
Anthracene	ug/kg	<2.4	380	381	316	327	83	85	46-111	3	29
Benzo(a)anthracene	ug/kg	9.7J	380	381	291	315	74	80	48-120	8	23
Benzo(a)pyrene	ug/kg	8.8J	380	381	326	346	83	88	46-108	6	30
Benzo(b)fluoranthene	ug/kg	11.6J	380	381	319	341	81	87	45-108	7	30
Benzo(g,h,i)perylene	ug/kg	7.0J	380	381	297	287	76	74	39-120	3	37
Benzo(k)fluoranthene	ug/kg	5.0J	380	381	315	347	81	90	47-120	10	31
Chrysene	ug/kg	8.5J	380	381	298	324	76	83	54-120	8	21
Dibenz(a,h)anthracene	ug/kg	<2.6	380	381	311	306	81	80	46-120	2	34
Fluoranthene	ug/kg	13.3J	380	381	304	367	76	93	53-112	19	27
Fluorene	ug/kg	<2.3	380	381	318	327	84	86	48-120	3	29
Indeno(1,2,3-cd)pyrene	ug/kg	6.0J	380	381	316	311	81	80	40-120	2	34
Naphthalene	ug/kg	<1.9	380	381	286	266	75	70	47-120	7	25
Phenanthrene	ug/kg	4.6J	380	381	305	312	79	81	49-120	3	28
Pyrene	ug/kg	12.4J	380	381	342	328	87	83	43-103	4	31
2-Fluorobiphenyl (S)	%						83	67	36-86		
Terphenyl-d14 (S)	%						81	76	41-97		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 25222051VOIT FARM

Pace Project No.: 40242617

---

QC Batch:	411816	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40242617003, 40242617008, 40242617009, 40242617010, 40242617011, 40242617012, 40242617013, 40242617014, 40242617015, 40242617016, 40242617017, 40242617018, 40242617019, 40242617021, 40242617022, 40242617023, 40242617026, 40242617027, 40242617028

---

SAMPLE DUPLICATE: 2371592

Parameter	Units	40242617018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.7	26.7	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 25222051VOIT FARM

Pace Project No.: 40242617

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

- |    |   |
|----|---|
| D3 | Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.  |
| L1 | Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.    |
| M0 | Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.         |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| S0 | Surrogate recovery outside laboratory control limits.   |
| pH | Post-analysis pH measurement indicates insufficient VOA sample preservation.                                |

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40242617008	GP-7 (10-12.5)	EPA 3050B	411837	EPA 6010D	412156
40242617009	GP-7 (22.5-25)	EPA 3050B	411837	EPA 6010D	412156
40242617010	GP-7 (17.5-20)	EPA 3050B	411837	EPA 6010D	412156
40242617011	GP-10 (7.5-10)	EPA 3050B	411837	EPA 6010D	412156
40242617012	GP-10 (12.5-15)	EPA 3050B	411837	EPA 6010D	412156
40242617013	GP-10 (19-20)	EPA 3050B	411837	EPA 6010D	412156
40242617014	GP-8R (4-5)	EPA 3050B	411837	EPA 6010D	412156
40242617015	GP-8R (9-10)	EPA 3050B	411837	EPA 6010D	412156
40242617016	GP-8R (13-14)	EPA 3050B	411837	EPA 6010D	412156
40242617017	GP-9 (7-8)	EPA 3050B	411837	EPA 6010D	412156
40242617018	GP-9 (18-20)	EPA 3050B	411837	EPA 6010D	412156
40242617019	GP-9 (23-25)	EPA 3050B	411837	EPA 6010D	412156
40242617021	GP-11(4-5)	EPA 3050B	411837	EPA 6010D	412156
40242617022	GP-11(13-15)	EPA 3050B	411837	EPA 6010D	412156
40242617023	GP-11(18-20)	EPA 3050B	411837	EPA 6010D	412156
40242617026	GP-13(2.5-5)	EPA 3050B	411837	EPA 6010D	412156
40242617027	GP-13(7.5-10)	EPA 3050B	411837	EPA 6010D	412156
40242617028	GP-13(10-12.5)	EPA 3050B	411837	EPA 6010D	412156
40242617008	GP-7 (10-12.5)	EPA 7471	412099	EPA 7471	412152
40242617009	GP-7 (22.5-25)	EPA 7471	412099	EPA 7471	412152
40242617010	GP-7 (17.5-20)	EPA 7471	412099	EPA 7471	412152
40242617011	GP-10 (7.5-10)	EPA 7471	412099	EPA 7471	412152
40242617012	GP-10 (12.5-15)	EPA 7471	412099	EPA 7471	412152
40242617013	GP-10 (19-20)	EPA 7471	412099	EPA 7471	412152
40242617014	GP-8R (4-5)	EPA 7471	412099	EPA 7471	412152
40242617015	GP-8R (9-10)	EPA 7471	412099	EPA 7471	412152
40242617016	GP-8R (13-14)	EPA 7471	412099	EPA 7471	412152
40242617017	GP-9 (7-8)	EPA 7471	412099	EPA 7471	412152
40242617018	GP-9 (18-20)	EPA 7471	412099	EPA 7471	412152
40242617019	GP-9 (23-25)	EPA 7471	412099	EPA 7471	412152
40242617021	GP-11(4-5)	EPA 7471	412099	EPA 7471	412152
40242617022	GP-11(13-15)	EPA 7471	412099	EPA 7471	412152
40242617023	GP-11(18-20)	EPA 7471	412099	EPA 7471	412152
40242617026	GP-13(2.5-5)	EPA 7471	412100	EPA 7471	412154
40242617027	GP-13(7.5-10)	EPA 7471	412100	EPA 7471	412154
40242617028	GP-13(10-12.5)	EPA 7471	412100	EPA 7471	412154
40242617008	GP-7 (10-12.5)	EPA 3546	411857	EPA 8270E by SIM	411893
40242617009	GP-7 (22.5-25)	EPA 3546	411857	EPA 8270E by SIM	411893
40242617010	GP-7 (17.5-20)	EPA 3546	412078	EPA 8270E by SIM	412128
40242617011	GP-10 (7.5-10)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617012	GP-10 (12.5-15)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617013	GP-10 (19-20)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617014	GP-8R (4-5)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617015	GP-8R (9-10)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617016	GP-8R (13-14)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617017	GP-9 (7-8)	EPA 3546	411966	EPA 8270E by SIM	412001

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25222051VOIT FARM  
Pace Project No.: 40242617

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40242617018	GP-9 (18-20)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617019	GP-9 (23-25)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617021	GP-11(4-5)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617022	GP-11(13-15)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617023	GP-11(18-20)	EPA 3546	412325	EPA 8270E by SIM	412357
40242617026	GP-13(2.5-5)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617027	GP-13(7.5-10)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617028	GP-13(10-12.5)	EPA 3546	411966	EPA 8270E by SIM	412001
40242617003	GP-3 (5-6)	EPA 5035/5030B	411872	EPA 8260	411877
40242617001	GP-5	EPA 8260	411853		
40242617002	GP-3	EPA 8260	411853		
40242617004	GP-2	EPA 8260	411853		
40242617005	GP-4	EPA 8260	411853		
40242617006	GP-1	EPA 8260	411853		
40242617007	GP-6	EPA 8260	411853		
40242617020	GP-9	EPA 8260	411853		
40242617024	GP-11	EPA 8260	411853		
40242617025	GP-12	EPA 8260	411853		
40242617029	TRIP	EPA 8260	411853		
40242617003	GP-3 (5-6)	ASTM D2974-87	411816		
40242617008	GP-7 (10-12.5)	ASTM D2974-87	411816		
40242617009	GP-7 (22.5-25)	ASTM D2974-87	411816		
40242617010	GP-7 (17.5-20)	ASTM D2974-87	411816		
40242617011	GP-10 (7.5-10)	ASTM D2974-87	411816		
40242617012	GP-10 (12.5-15)	ASTM D2974-87	411816		
40242617013	GP-10 (19-20)	ASTM D2974-87	411816		
40242617014	GP-8R (4-5)	ASTM D2974-87	411816		
40242617015	GP-8R (9-10)	ASTM D2974-87	411816		
40242617016	GP-8R (13-14)	ASTM D2974-87	411816		
40242617017	GP-9 (7-8)	ASTM D2974-87	411816		
40242617018	GP-9 (18-20)	ASTM D2974-87	411816		
40242617019	GP-9 (23-25)	ASTM D2974-87	411816		
40242617021	GP-11(4-5)	ASTM D2974-87	411816		
40242617022	GP-11(13-15)	ASTM D2974-87	411816		
40242617023	GP-11(18-20)	ASTM D2974-87	411816		
40242617026	GP-13(2.5-5)	ASTM D2974-87	411816		
40242617027	GP-13(7.5-10)	ASTM D2974-87	411816		
40242617028	GP-13(10-12.5)	ASTM D2974-87	411816		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: **SCS Engineers** Billing Information: *same*

Address: **2830 Dairy Dr Madison WI** Email To: **bsocha@scsengineers.com**

Report To: **Betty Socha** Site Collection Info/Address: **VOIT Farm**

Copy To: **Jacob Krause** State: **WI** County/City: **Barle / Madison** Time Zone Collected: **[ ] PT [ ] MT [X] CT [ ] ET**

Customer Project Name/Number: **25222051** Compliance Monitoring? **[ ] Yes [ ] No**

Phone: **608 224 2030** Site/Facility ID #: **\_\_\_\_\_** DW PWS ID #: **\_\_\_\_\_**

Email: **bsocha@scsengineers.com** Purchase Order #: **\_\_\_\_\_** DW Location Code: **\_\_\_\_\_**

Collected By (print): **Jacob Krause** Quote #: **\_\_\_\_\_** DW PWS ID #: **\_\_\_\_\_**

Collected By (signature): *Jacob Krause* Turnaround Date Required: **\_\_\_\_\_** Immediately Packed on Ice: **[X] Yes [ ] No**

Sample Disposal: **[X] Dispose as appropriate [ ] Return [ ] Archive [ ] Hold:** Rush: **[ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)** Field Filtered (if applicable): **[ ] Yes [X] No / NA**

Analysis: **\_\_\_\_\_**

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
GP-5	GW	Grab	3-28-22	0945				3
GP-3	GW			1110				3
GP-3 (5-6)	SL			1130				2
GP-2	GW			1205				3
GP-4	GW			1235				3
GP-1	GW			1300				3
GP-6	GW			1425				3
GP-7 (10-12.5)	SL			1545				1
GP-7 (22.5-25)	SL			1555				1
GP-7 (17.5-20)	SL			1605				1

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTIL Log-in Number Here

4024267

ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type \*\*

3	U	U	6
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Lab Project Manager: **\_\_\_\_\_**

\*\* Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses				Lab Profile/Line:	
VOCs (groundwater)	PAMS	RCRA Metals	VOCs (soil)	Lab Sample Receipt Checklist:	
X				Custody Seals Present/Intact: <b>Y N NA</b>	
X				Custody Signatures Present: <b>Y N NA</b>	
X				Collector Signature Present: <b>Y N NA</b>	
X				Bottles Intact: <b>Y N NA</b>	
X				Correct Bottles: <b>Y N NA</b>	
X				Sufficient Volume: <b>Y N NA</b>	
X				Samples Received on Ice: <b>Y N NA</b>	
X				VDA - Headspace Acceptable: <b>Y N NA</b>	
X				USDA Regulated Soils: <b>Y N NA</b>	
X				Samples in Holding Time: <b>Y N NA</b>	
X				Residual Chlorine Present: <b>Y N NA</b>	
X				Cl Strips: <b>Y N NA</b>	
X				Sample pH Acceptable: <b>Y N NA</b>	
X				pH Strips: <b>Y N NA</b>	
X				Sulfide Present: <b>Y N NA</b>	
X				Lead Acetate Strips: <b>Y N NA</b>	
				LAB USE ONLY: Lab Sample # / Comments:	
				001	
				002	
				003	
				004	
				005	
				006	
				007	
				008	
				009	
				010	

Customer Remarks / Special Conditions / Possible Hazards: **\_\_\_\_\_**

Type of Ice Used: **Wet Blue Dry None** SHORT HOLDS PRESENT (<72 hours): **Y N N/A**

Packing Material Used: **\_\_\_\_\_** Lab Tracking #: **2763637**

Radchem sample(s) screened (<500 cpm): **Y N NA** Samples received via: **FEDEX UPS Client Courier Pace Courier**

Relinquished by/Company: (Signature) *Jacob Krause* Date/Time: **3-29-22** Received by/Company: (Signature) **\_\_\_\_\_** Date/Time: **\_\_\_\_\_**

Relinquished by/Company: (Signature) *G. Rogovskus* Date/Time: **3/30/22** Received by/Company: (Signature) *Susan K...* Date/Time: **3/30/22**

Relinquished by/Company: (Signature) **\_\_\_\_\_** Date/Time: **\_\_\_\_\_** Received by/Company: (Signature) **\_\_\_\_\_** Date/Time: **\_\_\_\_\_**

MTIL LAB USE ONLY

Table #: **\_\_\_\_\_** Acctnum: **\_\_\_\_\_** Template: **\_\_\_\_\_** Prelogin: **\_\_\_\_\_** PM: **\_\_\_\_\_** PB: **\_\_\_\_\_**

Temp Blank Received: **Y N NA** Therm ID#: **\_\_\_\_\_** Cooler 1 Temp Upon Receipt: **\_\_\_\_\_** °C Cooler 1 Therm Corr. Factor: **\_\_\_\_\_** °C Cooler 1 Corrected Temp: **\_\_\_\_\_** °C

Trip Blank Received: **Y N NA** HCL MeOH TSP Other: **\_\_\_\_\_**

Non Conformance(s): **YES / NO** Page: **Page 80 of 85** of: **3**



# CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here  
**40242617**

**ALL SHADED AREAS are for LAB USE ONLY**

Company: **SCS Engineers** Billing Information: **← same ↓**

Address: **2830 Dairy Drive Madison, WI 53718** Email To: **bsocha@scsengineers.com**

Report To: **Betty Socha** Site Collection Info/Address: **VOIP Farm**

Copy To: **Jacob Krause** State: **WI** County/City: **Dane/Madison** Time Zone Collected: **[ ] PT [ ] MT [ ] CT [ ] ET**

Customer Project Name/Number: **25222051**

Phone: **608 224 2830** Site/Facility ID #: **—** Compliance Monitoring? **[ ] Yes [ ] No**

Email: **bsocha@scsengineers.com** Collected By (print): **Jacob Krause** Purchase Order #: **—** Quote #: **—** DW PWS ID #: **—** DW Location Code: **—**

Collected By (signature): **Jacob Krause** Turnaround Date Required: **—** Immediately Packed on Ice: **[X] Yes [ ] No**

Sample Disposal: **[X] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:** Rush: **[ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)** Field Filtered (if applicable): **[ ] Yes [X] No [ ] NA** Analysis: **—**

Container Preservative Type \*\*  
**3 0 0**

Lab Project Manager: **—**

\*\* Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses										Lab Profile/Line:	
VOCs (groundwater)	PAMS	PES REA Metals	Lab Sample Receipt Checklist:							Custody Seals Present/Intact Y N NA	
										Custody Signatures Present Y N NA	
										Collector Signature Present Y N NA	
										Bottles Intact Y N NA	
										Correct Bottles Y N NA	
										Sufficient Volume Y N NA	
										Samples Received on Ice Y N NA	
										VQA - Headspace Acceptable Y N NA	
										USDA Regulated Status Y N NA	
										Samples in Holding Time Y N NA	
							Residual Chlorine Present Y N NA				
							Cl Strips: _____				
							Sample pH Acceptable Y N NA				
							pH Strips: _____				
							Sulfide Present Y N NA				
							Lead Acetate Strips: _____				

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
GP-10 (7.5-10)	SL	Grab	3-28-22	1620			1	
GP-10 (12.5-15)	SL			1630			1	
GP-10 (19-20)	SL			1635			1	
GP-8R (4-5)	SL		3-29-22	0910			1	
GP-8R (7-10)	SL			0915			1	
GP-8R (13-14)	SL			0920			1	
GP-9 (7-8)	SL			1025			1	
GP-9 (18-20)	SL			1030			1	
GP-9 (23-25)	SL			1040			1	
GP-9	GW			1055			3	

LAB USE ONLY:  
Lab Sample # / Comments:

**011**  
**012**  
**013**  
**014**  
**015**  
**016**  
**017**  
**018**  
**019**  
**020**

Customer Remarks / Special Conditions / Possible Hazards: **—**

Type of Ice Used: **Wet Blue Dry None**

Packing Material Used: **—**

Radchem sample(s) screened (<500 cpm): **Y N NA**

SHORT HOLDS PRESENT (<72 hours): **Y N N/A**

Lab Tracking #: **2763638**

Samples received via: **FEDEX UPS Client Courier Pace Courier**

Lab Sample Temperature Info:

Temp Blank Received: **Y N NA**

Therm ID#: **—**

Cooler Temp Upon Receipt: **—** °C

Cooler Therm Corr. Factor: **—** °C

Cooler Corrected Temp: **—** °C

Comments: **—**

Relinquished by/Company: (Signature) **Jacob Krause** Date/Time: **3-29-22 3pm**

Relinquished by/Company: (Signature) **C. Lopez** Date/Time: **3/30/22 0805**

Relinquished by/Company: (Signature) **—** Date/Time: **—**

Received by/Company: (Signature) **Susan Wilson** Date/Time: **3/30/22 0805**

Received by/Company: (Signature) **—** Date/Time: **—**

Received by/Company: (Signature) **—** Date/Time: **—**

MTJL LAB USE ONLY

Table #: **—**

Acctnum: **—**

Template: **—**

Prelogin: **—**

PM: **—**

PB: **—**

Trip Blank Received: **Y N NA**

HCL MeOH TSP Other

Non Conformance(s): **—** Page: **3** of: **81**

YES / NO of: **3**



# CHAIN-OF-CUSTODY Analytical Request Document

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40242617

ALL SHADED AREAS are for LAB USE ONLY

Company: **SCS Engineers**

Address: **2830 Dany Dr Madison WI 53718**

Report To: **Betty Socha**

Copy To: **Jacob Krause**

Customer Project Name/Number: **25222081**

Phone: **608 224 2830**

Collected By (print): **Jacob Krause**

Collected By (signature): *Jacob Krause*

Sample Disposal:  Dispose as appropriate  Return  Archive  Hold

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
GP-11 (4-5)	SL	grab	5-29-22	1220				1
GP-11 (13-15)	SL			1225				1
GP-11 (18-20)	SL			1230				1
GP-11	AW			1210		B		3
GP-12	AW			1245				3
GP-13 (2-5-5)	SL			1410				
GP-13 (7-5-10)	SL			1415				
GP-13 (10-12.5)	SL			1428				
TREP								2

Container Preservative Type \*\*

3 U U

\*\* Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses			Lab Profile/Line:		
VOCS	PAMS	PCRA-METALS			

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soil Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: \_\_\_\_\_

Sample pH Acceptable Y N NA

pH Strips: \_\_\_\_\_

Sulfide Present Y N NA

Lead Acetate Strips: \_\_\_\_\_

LAB USE ONLY: Lab Sample # / Comments:

021

022

023

024

025

026

027

028

029

030/031/032/033/034/035/036/037/038/039/040/041/042/043/044/045/046/047/048/049/050/051/052/053/054/055/056/057/058/059/060/061/062/063/064/065/066/067/068/069/070/071/072/073/074/075/076/077/078/079/080/081/082/083/084/085/086/087/088/089/090/091/092/093/094/095/096/097/098/099/100

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: **2763639**

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature info:

Temp Blank Received: Y N NA

Therm ID#: \_\_\_\_\_

Cooler 1 Temp Upon Receipt: \_\_\_\_\_ °C

Cooler 1 Therm Corr. Factor: \_\_\_\_\_ °C

Cooler 1 Corrected Temp: \_\_\_\_\_ °C

Comments:

Relinquished by/Company: (Signature) *Jacob Krause* Date/Time: **7-29-22 3pm**

Relinquished by/Company: (Signature) *C. Stogolus* Date/Time: **8/30/22**

Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by/Company: (Signature) *Susan Wheeler* Date/Time: **8/30/22**

Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

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of: **3**








Sample Condition Upon Receipt Form (SCUR)

Client Name: SCS Engineers

Project #: WO#: 40242617  
  
 40242617

Courier:  SCS Logistics  Fed Ex  Speedee  UPS  Waltco  
 Client  Pace Other: \_\_\_\_\_

Tracking #: \_\_\_\_\_  
 Custody Seal on Cooler/Box Present:  Yes  No Seals intact:  Yes  No  
 Custody Seal on Samples Present:  Yes  No Seals intact:  Yes  No  
 Packing Material:  Bubble Wrap  Bubble Bags  None  Other  
 Thermometer Used SR-105 Type of Ice:  Wet  Blue  Dry  None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2 JCorr: 2  
 Temp Blank Present:  Yes  No Biological Tissue is Frozen:  Yes  No

Person examining contents:  
 Date: 3/30/22 / Initials: SKW  
 Labeled By Initials: MP

Temp should be above freezing to 6°C.  
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>CC</u>
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>024-028 collect dates 3/31/22</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10. <u>020-1-VG9H received broken</u>
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>027 11 1420 3/30/22 MP</u> <u>024-028: "3/29/22" 3/31/22</u>
-Includes date/time/ID/Analysis Matrix: <u>W+S</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>477</u>		

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login  
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