



Limited Phase II Environmental Site Assessment Report

FOR

**3 North Castle Drive
Parcel ID #108.03-1-62
North Castle, Westchester County, New York**

Prepared For:

**MADDD EQUITIES
15 Verbena Ave
Floral Park, NY 11001**

Prepared By:

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TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	RECOGNIZED ENVIRONMENTAL CONCERNS	1
1.2	SITE SETTING	2
1.3	PROPOSED DEVELOPMENT.....	2
1.4	SITE GEOLOGY.....	2
2.0	SUBSURFACE INVESTIGATION.....	4
2.1	UTILITY CLEARANCE AND GEOPHYSICAL SURVEY	4
2.2	FIELD ACTIVITIES AND SAMPLING SUMMARY.....	4
3.0	SOIL INVESTIGATION ANALYTICAL RESULTS	5
4.0	CONCLUSIONS AND RECOMMENDATIONS	9

TABLES

TABLE 3.1	SUMMARY OF SOIL ANALYTICAL RESULTS (ATTACHED)
TABLE 3.2	SUMMARY OF SOIL EXCEEDANCES (EMBEDDED)

FIGURES

FIGURE 1.1	SITE LOCATION MAP
FIGURE 1.2	SITE PLAN
FIGURE 1.3	REC/AOC LOCATION PLAN
FIGURE 2.1	SOIL SAMPLE RESULTS PLAN

APPENDICES

APPENDIX A	LABORATORY ANALYTICAL REPORT
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1.0 INTRODUCTION

SESI Consulting Engineers (SESI) has completed this Limited Phase II Environmental Site Assessment (Phase II ESA) on behalf of the Requestor, MADDD Equities, for an approximate 32.55-acre irregular shaped parcel at 3 North Castle Drive, North Castle (Armonk), Westchester County, New York. The Site is identified on tax map records as parcel IDs 108.3-1-62.1

The Site was undeveloped land until 1971, when the asphalt roadway that borders the Site to the west, and an access road on the central and southern portions of the Site were constructed. A review of historic aerial images identified that the Site was historically utilized for agricultural purposes. The former IBM North Castle facility and associated parking areas are situated south of the Site and was constructed between 1960 and 1964. Undeveloped land and the North Castle Community Park are located east of the Site. Undeveloped land is located immediately north and west of the Site, beyond which lies Armonk Bedford Road and commercial properties beyond.

SESI previously completed a Phase I ESA, dated May 2022 for the Site which identified the historic agricultural use as a Recognized Environmental Condition (REC), which is further described in section 1.1 this report. The Phase I ESA was completed as part of a due diligence evaluation for the Site, which is proposed to be developed. The proposed development is described in Section 1.3 of this report. A Limited Phase II ESA was recommended in order to investigate the REC. The results of the Limited Phase II ESA completed by SESI are presented in this report.

The objective of this Limited Phase II ESA was to attempt to identify, characterize, and delineate the extent of suspected contamination from the historic agricultural use. This Phase II ESA report complies with the 2015/2019 American Society for Testing and Materials Standard (ASTM E1903), New York State Department of Environmental Conservations (NYSDEC) 6 NYCRR Part 375 Environmental Remediation Programs (Subparts 375-1 to 375-4 & 375-6) dated December 14, 2006, and 6 NYCRR Part 360.12 was referenced as the basis for analytical review and development for potential remediation options.

1.1 RECOGNIZED ENVIRONMENTAL CONCERNS

SESI previously completed a Phase I ESA, dated May 2022 for the Site. The following REC was identified and warranted additional investigation:

REC 1 – Historic Agricultural Use: A review of historic aerial images between 1934 and 1989 identified the presence of apparent agricultural operations. Historically Applied Pesticides (HAPs) were widely used during the time period and their use could have adversely affected soil conditions at the Site. Residues of several pesticides can be found in soils at levels that may pose a human health risk when the land use changes from farms to other uses. Based on these observations, SESI recommended further investigation at the Site for pesticides.

The REC location plan is presented on **Figure 1.3**.

1.2 SITE SETTING

A Site Location Map is presented as **Figure 1.1**. A Site Plan is presented as **Figure 1.2**. The subject property is bound to the south by the former IBM North Castle facility and associated parking areas; to the east by undeveloped land and the North Castle Community Park; to the north and west by undeveloped land, beyond which lies Armonk Bedford Road and commercial properties beyond.

1.3 PROPOSED DEVELOPMENT

The proposed Site development is anticipated to consist of the subdivision of the parcel into two (2) separate lots. The northern lot will be developed by MADD Equities and will consist of an estimated 10.66 acres. The northern lot is proposed to be developed with a hotel and associated access roads, parking areas, landscaped areas and concrete walkways. The southern portion of the Site is proposed to be developed by Toll Brothers and will consist of approximately 21.89-acres. The southern lot is proposed to be developed with seventy (70) duplex units and two (2) single-family units. A portion of the units are anticipated to be designated as affordable.

1.4 SITE GEOLOGY

Geologically, the Site soils are mapped as glacial soils overlying bedrock, consisting of varying amounts of sand, silt, gravel, cobbles and boulders. Between April 21 and 27, 2022, SESI performed a geotechnical investigation to support the proposed Site development. This investigation consisted of twenty-one (21) test pits and twenty-two (22) rock probes. Topsoil was encountered across the Site ranging in thickness from 4" to 12" inches in thickness. Occasional cobbles, boulders, and rock outcrops were observed at the ground surface. Natural soils were encountered beneath the topsoil and were classified as granular soils consisting of primarily coarse to fine sand, with highly variable amounts of silt and gravel, with isolated layers of fine-

grained soils consisting of primarily silt with varying amounts of silt and gravel. Natural soils extended to bedrock which was encountered between 1.5 to 12 feet below ground surface (ft-bgs). The site topography consists of gentle to moderate slopes throughout the Site with elevations ranging between 534 feet (ft) in the southern portion of the Site to approximately 396 ft in the northeastern portion of the Site.

Groundwater was not encountered during the investigation. However, water seepage was observed at separate locations as shallow as four (4) ft-bgs and seven (7) ft-bgs, correlating to approximate elevations of 506 and 475 ft. Although this water was not reported as groundwater, subsurface water may be encountered during future investigation, remediation, and/or redevelopment. Suspected groundwater was observed in rock probe borings at depths between 17 and 20 ft-bgs, which correlates to elevations of 460 and 472 ft., respectively.

2.0 SUBSURFACE INVESTIGATION

Based on the results of our Phase I ESA, SESI completed a subsurface investigation at the Site to evaluate the soil conditions for HAPs. The subsurface investigation activities at the Site consisted of two (2) events which were performed on May 24th and November 15th, 2022 at the Site. In total, thirty-three (33) soil borings were completed to a maximum depth of 1.5 feet below ground surface (ft-bgs). The soil sampling locations are shown on **Figure 2.1**. The soil investigation is further discussed in the following sections of this report.

2.1 UTILITY CLEARANCE AND GEOPHYSICAL SURVEY

Prior to conducting subsurface drilling for the investigation, SESI's drilling contractor, Coastal Drilling, contacted the New York One Call utility mark-out system.

2.2 FIELD ACTIVITIES AND SAMPLING SUMMARY

On May 24, 2022, SESI performed a subsurface investigation which included the advancement of five (5) soil borings to an approximate depth of six (6) inches. The borings were completed with hand tools including shovels and a hand auger. Five (5) samples were collected during the May 2022 investigation and the corresponding analytical results identified pesticide related contamination in three (3) of the borings, which warranted additional sampling. The results of the testing are discussed in section 3.0 of this report.

On November 15, 2022, SESI performed a supplemental investigation to delineate and further characterize the extent of pesticide related contamination. Samples were collected from 0 to 6" inches, 6" to 12" inches and 12" to 18" inches below grade. Samples from 0-6" inches were initially analyzed, while the deeper interval samples were held and subsequently activated following receipt of results in exceedance of their applicable NYSDEC Soil Cleanup Objectives.

The soil samples were delivered under chain of custody (COC) to Aqua Pro-Tech Laboratories, a NYSDEC-certified laboratory. The samples were analyzed for Target Compound List (TCL) pesticides, arsenic, and lead. Subsequent toxicity characteristic leaching procedure (TCLP) analysis was performed to assess whether hazardous levels of arsenic and lead are present.

3.0 SOIL INVESTIGATION ANALYTICAL RESULTS

Eighty-four (84) subsurface soil samples were collected during the supplemental investigation to characterize the pesticide contamination. The soil samples were sent to Aqua Pro-Tech Laboratories under a chain-of-custody (COC) and analyzed for TCL Pesticides, Arsenic and Lead. A total of fifty-five (55) soil samples were analyzed during the supplemental investigation.

A summary table of the analytical results compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (USCOs), Residential Use Soil Cleanup Objectives (RSCOs), Restricted Residential Use Soil Cleanup Objectives (RRSCOs), and Commercial Soil Cleanup Objectives (CSCOs) is presented in the attached **Table 3.1**. The laboratory analytical report is provided in **Appendix A**.

The following Table 3.2 presents a summary of pesticide exceedances.

Client ID:					SS-1	SS-2	SS-3	SS-4	SB-7 (0-6")		SB-7 (6"-12")	
Date Sampled:					05/24/2022	05/24/2022	05/24/2022	05/24/2022	11/08/2022		11/08/2022	
Compound	USCO	RSCO	RRSCO	CSCO								
Pesticides (mg/kg)					Result	Q	Result	Q	Result	Q	Result	Q
4,4'-DDD	0.0033	2.6	13	92	0.0238	P	0.0387	P			0.00561	0.0249
4,4'-DDD [2C]	0.0033	2.6	13	92					0.0641		0.0476	
4,4'-DDE	0.0033	1.8	8.9	62							0.0183	
4,4'-DDE [2C]	0.0033	1.8	8.9	62	6.57	D	2.52	D	0.77	D	0.317	D
4,4'-DDT	0.0033	1.7	7.9	47	3.39	D					0.0664	
4,4'-DDT [2C]	0.0033	1.7	7.9	47			0.939	D	0.148	D		0.00343
Dieldrin	0.005	0.039	0.2	1.4			0.0301		0.00	U	0.00	U
Dieldrin [2C]	0.005	0.039	0.2	1.4	0.167	JD			0.00	U	0.00	U
Total Metals (mg/kg)					Result	Q	Result	Q	Result	Q	Result	Q
Arsenic	13	16	16	16	52.3		33.9		36.2		14.5	2.71
Lead	63	400	400	1,000	190		116		95.7		51.2	29.9
Client ID:					SB-9 (0-6")	SB-9 (6-12")	SB-11 (0-6")	SB-11 (6"-12")	SB-12 (0"-6")		SB-12 (6"-12")	
Date Sampled:					11/08/2022	11/08/2022	11/08/2022	11/08/2022	11/08/2022		11/08/2022	
Compound	USCO	RSCO	RRSCO	CSCO								
Pesticides (mg/kg)					Result	Q	Result	Q	Result	Q	Result	Q
4,4'-DDD	0.0033	2.6	13	92					0.0077		0.0408	0.028
4,4'-DDD [2C]	0.0033	2.6	13	92	0.0099		0.002				0.0048	
4,4'-DDE	0.0033	1.8	8.9	62			0.007		0.0117		0.0088	
4,4'-DDE [2C]	0.0033	1.8	8.9	62	0.0393						0.187	D
4,4'-DDT	0.0033	1.7	7.9	47			0.0017		0.003		0.0049	
4,4'-DDT [2C]	0.0033	1.7	7.9	47	0.0071						0.0032	0.0528
Client ID:					SB-13 (0-6")	SB-13 (6-12")	SB-13 (12-18")	SB-14 (0-6")	SB-15 (0-6")		SB-15 (6"-12")	
Date Sampled:					11/15/222	11/15/222	11/15/222	11/15/222	11/08/2022		11/08/2022	
Compound	USCO	RSCO	RRSCO	CSCO								
Pesticides (mg/kg)					Result	Q	Result	Q	Result	Q	Result	Q
4,4'-DDD	0.0033	2.6	13	92			0.0276	JDH	0.0536	H	0.0016	0.00583
4,4'-DDD [2C]	0.0033	2.6	13	92	0.965	D						0.0157
4,4'-DDE	0.0033	1.8	8.9	62								0.0744
4,4'-DDE [2C]	0.0033	1.8	8.9	62	11.2	D	3.91	DH	4.01	DH	0.0046	0.0174
4,4'-DDT	0.0033	1.7	7.9	47			0.451	DH	2.46	DH	0.00	0.00152
4,4'-DDT [2C]	0.0033	1.7	7.9	47	4.96	D					0.00	0.0514
Dieldrin	0.005	0.039	0.2	1.4					0.0895	DH	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	0.197	D	0.124	DH			0.00	0.00
Total Metals (mg/kg)					Result	Q	Result	Q	Result	Q	Result	Q
Arsenic	13	16	16	16	74.5		59.1		35		20.1	4.75
Lead	63	400	400	1,000	212		139				67.7	37.5
Client ID:					SB-16 (0-6")	SB-18 (0-6")	SB-18 (6"-12")	SB-19 (0-6")	SB-19 (6"-12")		SB-20 (0-6")	
Date Sampled:					11/08/2022	11/08/2022	11/08/2022	11/08/2022	11/08/2022		11/15/2022	
Compound	USCO	RSCO	RRSCO	CSCO								
Pesticides (mg/kg)					Result	Q	Result	Q	Result			

Client ID:					SB-24 (0-6")	SB-24 (6"-12")	SB-24 (12"-18")	SB-25 (0-6")	SB-25 (6"-12")			
Date Sampled:					11/08/2022	11/08/2022	11/08/2022	11/08/2022	11/08/2022			
Compound	USCO	RSCO	RRSCO	CSCO								
Pesticides (mg/kg)					Result	Q	Result	Q	Result	Q		
4,4'-DDD	0.0033	2.6	13	92			0.159	D	0.005		0.0836	D
4,4'-DDD [2C]	0.0033	2.6	13	92	0.0136				0.0772			
4,4'-DDE	0.0033	1.8	8.9	62					0.0395			
4,4'-DDE [2C]	0.0033	1.8	8.9	62	0.134	D	0.223	D	0.461	D	0.483	D
4,4'-DDT	0.0033	1.7	7.9	47	0.0216				0.0175		0.0164	
4,4'-DDT [2C]	0.0033	1.7	7.9	47			0.124	D	0.0205			
Total Metals (mg/kg)					Result	Q			Result	Q	Result	Q
Arsenic	13	16	16	16	9.83				14		15.3	

Client ID:					SB-26 (0-6")	SB-26 (6-12")	SB-26 (12-18")	SB-27 (0-6")	SB - 28 (0-6")	SB-29 (0-6")						
Date Sampled:					11/15/2022	11/15/2022	11/15/2022	11/15/2022	11/08/2022	11/15/2022						
Compound	USCO	RSCO	RRSCO	CSCO												
Pesticides (mg/kg)					Result	Q	Result	Q	Result	Q	Result	Q				
4,4'-DDD	0.0033	2.6	13	92	1.01	D			0.067	JDH	0.0033		0.006		0.00799	
4,4'-DDD [2C]	0.0033	2.6	13	92			0.0672	JDH								
4,4'-DDE [2C]	0.0033	1.8	8.9	62	3.43	D	1.07	DH	1.59	DH	0.0309		0.41	D	0.0987	D
4,4'-DDT	0.0033	1.7	7.9	47			2.71	DH	2.62	DH	0.00	U	0.0366	D	0.00	U
4,4'-DDT [2C]	0.0033	1.7	7.9	47	3.69	D										
Dieldrin [2C]	0.005	0.039	0.2	1.4	1.35	D	0.98	DH	0.526	DH						
Total Metals (mg/kg)					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Arsenic	13	16	16	16	158		143		79.3		7.15		9.4		9.85	
Lead	63	400	400	1,000	861		268				68.3		31.6		75.4	

Client ID:					SB-30 (0-6")	SB-30 (6-12")	SB-30 (12-18")	SB-31 (0-6")	SB-31 (6-12")	SB-31 (12-18")						
Date Sampled:					11/15/2022	11/15/2022	11/15/2022	11/15/2022	11/15/2022	11/15/2022						
Compound	USCO	RSCO	RRSCO	CSCO												
Pesticides (mg/kg)					Result	Q			Result	Q						
4,4'-DDD	0.0033	2.6	13	92					0.034	D						
4,4'-DDD [2C]	0.0033	2.6	13	92	0.989	D										
4,4'-DDE [2C]	0.0033	1.8	8.9	62	4.15	D			0.236	D						
4,4'-DDT	0.0033	1.7	7.9	47	1.38	D										
4,4'-DDT [2C]	0.0033	1.7	7.9	47					0.0102							
Total Metals (mg/kg)					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Arsenic	13	16	16	16	42.6		28.2		26.1		20		19		13.2	
Lead	63	400	400	1,000	133		62.1				68.7		51.8			

Client ID:					SB-32 (0-6")	SB-33 (0-6")		
Date Sampled:					11/15/2022	11/15/2022		
Compound	USCO	RSCO	RRSCO	CSCO				
Pesticides (mg/kg)					Result	Q	Result	Q
4,4'-DDD	0.0033	2.6	13	92	0.0069		0.0511	
4,4'-DDE [2C]	0.0033	1.8	8.9	62	0.0501		0.149	D
4,4'-DDT	0.0033	1.7	7.9	47			0.0651	
4,4'-DDT [2C]	0.0033	1.7	7.9	47	0.0108			

Notes:

Mg/kg – Milligrams per Kilogram

Q – Laboratory Qualifier

D – Sample Required Laboratory Dilution

U – Analyte Was Not Detected

Exceeds USCO
Exceeds RSCO
Exceeds RRSCO
Exceeds CSCO

Exceedances of the pesticides related contaminants were identified and include the following:
4,4-DDD (41 USCO exceedances), 4,4-DDE (37 USCO / 6 RSCO / 1 RRSCO exceedances),
4,4-DDT (25 USCO / 6 RSCO exceedances), dieldrin (1 USCO / 4 RSCO / 3 RRSCO

Exceedances), arsenic (5 USCO, 15 RSCO / 15 RRSCO / 15CSCO exceedances) and lead (11 USCO / 1 RRSCO exceedance).

Pesticide related contamination appears to be centrally located in the southern portion of the Site and is consistent with the observation of historic agricultural use in this portion of the Site. The presence of soil exceedances to the RSCO, RRSCO, and CSCO will at a minimum require remediation within the residential portion of the Site, which is further discussed in our conclusions. Our conclusions and recommendations regarding soil remediation are provided in **Section 4.0**.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase II ESA investigation activities completed at the Site confirmed the presence of suspected pesticide use at the Site. It should be noted that the investigation focused on evaluating pesticide impacts to soil only. Additional soil contaminants, groundwater, and soil vapor were not evaluated as part of this investigation.

Generally, elevated pesticide detections appear to be centrally located in the southern portion of the Site, which is proposed for residential development. Many of the pesticide exceedances/detections were below the RSCOs; however, several areas were identified where pesticide related contamination exceeded the RSCOs, RRSCOs, and CSCOs. Supplemental investigation of the deeper intervals was completed to attempt to vertically delineate pesticide impacts. Vertical delineation was achieved at all the sample locations to below the RSCOs except for three (3) locations which included SB-13, SB-26 and SB-30. Therefore, additional vertical delineation is recommended at these locations to confirm final excavation depths. Additionally, horizontal delineation should be considered to reduce disposal volumes of pesticide impacts in exceedance of the RSCOs.

Based on the results and discussions with the development team, due to the future use on the southern portion of the Site, it has been determined that capping and development of an environmental easement would not be a feasible option on the residential portion of the Site. We estimate that up to approximately 486,200 square feet of the Site will require remediation in order to remove contamination exceeding the RSCOs. Based on an average thickness of 1.2 feet, we preliminarily estimate that approximately 21,000 cubic yards of in place soils (approximately 30,250 tons) will require remediation and off-Site disposal.

Based on the proposed end uses for the property, the following options are currently available to address the environmental conditions as part of the development:

- **Option #1 - Soil Excavation and Off-Site Disposal (Without NYSDEC Oversight):**
Where pesticide contamination was identified in soil exceeding the RSCOs, hot-spot excavation and offsite disposal of the contaminated soils can be performed to remediate pesticide impacted soil to levels that are compliant with the RSCOs. For this option, SESI recommends that a Remedial Action Work Plan (RAWP) be prepared to document the vertical and horizontal extents of the impacted soil requiring excavation, management of impacted soil disposal, management of groundwater/stormwater collected during excavation (if encountered), post-excavation sampling, and stormwater

management to prevent contaminant migration to prevent erosion. Post excavation sampling should be performed to document that adequate removal of contamination was completed. A Remedial Action Report (RAR) should be prepared to document the remediation activities, post excavation conditions, and whether additional remediation and/or long term monitoring is required. The RAR would be maintained for documentation for future transactions and regulatory review. It should be noted that additional remedial investigation could be further completed as part of the option to reduce the area requiring remediation, and thus the soil disposal volumes. Furthermore, it should be noted that this option does not provide regulatory liability release/protection, and may require review and approval by the local Department of Health (DOH). As such, this option should be further evaluated and discussed with your environmental legal counsel.

- **Option #2 - Soil Excavation and On-Site Consolidation (With NYSDEC and NYSDOH Approval):** Where pesticide contamination was identified in soil exceeding the CSCOs, similar to Option 1, hot spot removal could be performed to remediate and dispose of the soils only in the areas where pesticide concentrations exceeded the CSCOs. Soil remaining in exceedance of the RSCOs, but below the CSCOs could potentially be managed on-Site and consolidated in the northern portion of the Site proposed for hotel construction. Potential reuse of soil exceeding the RSCOs would require a Beneficial Use Determination (BUD) from the NYSDEC. It is recommended that a BUD application be prepared in conjunction with, and approved by the NYSDEC, NYSDOH, as well as county and local municipal health departments prior to implementation. SESI recommends that potential BUD operations be informally discussed with these agencies and your environmental legal counsel to confirm that this method of remediation/soil management is acceptable and conforms to the 6 NYCRR Parts 360-365 Solid Waste Management requirements and 6 NYCRR Part 360.12 BUD requirements. As with Option #1, additional remedial investigation could be further completed as part of the option to reduce the area requiring remediation and thus the soil disposal volumes. The same process for developing, implementing, and documenting the remediation through an RAWP and RAR should also be completed with this option for documentation for future transactions and regulatory review. Lastly, it should be noted that this option does not provide regulatory liability release/protection and may require review and approval by the local Department of Health (DOH). It is

likely that the BUD process would result in review by the DOH in addition to the NYSDEC. As such, this option should be further evaluated and discussed with your environmental legal counsel.

- **Option #3 - Brownfield Cleanup Program Remediation (With NYSDEC Oversight):**

This option would involve submittal of a Brownfield Cleanup Program (BCP) application and potential approval and entry into the BCP. Under this program, soils would be remediated and exported off-Site under NYSDEC oversight, or consolidated on the norther lot, if approved. This option provides liability protection and tax credits associated with remediation costs, which are not available with the other options. This option would require the preparation of a Remedial Investigation Work Plan (RIWP), a more extensive remedial investigation, preparation of a Remedial Investigation Report (RIR), preparation of a Remedial Action Work Plan, and Final Engineering Report. All of the work would need to be reviewed and approved by a NYSDEC case manager.

If the Site is approved into the BCP, additional remedial investigation would likely consist of soil sampling to better define the extent of pesticide contamination, and analysis of additional analytes including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) polychlorinated biphenyls (PCBs) and metals. In addition, groundwater sampling and soil vapor sampling would likely be required. Following receipt and evaluation of the analytical data, a preferred remedy would be chosen. It is likely that a Track 2 Remedy would be selected based on current results (Soils from 0-15 feet meet RSCO), which would allow for soil exceeding the USCOs and at or below RSCOs to remain on-Site.

SESI recommends that these options be evaluated to determine the potential risk and cost implications, and to determine which option best meets your specific project development schedule requirements and needs. As we have recommended throughout these conclusions, your environmental legal counsel should be consulted during your evaluation. SESI can provide additional information and evaluation, as needed.

TABLES

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SS-1				SS-2				SS-3				SS-4			
Date Sampled:					05/24/2022 12:10				05/24/2022 12:20				05/24/2022 12:30				05/24/2022 12:35			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					66.1	NA	NA	NA	68.6	NA	NA	NA	81.4	NA	NA	NA	79.4	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	0.0238	P	0.00	0.00	0.0387	P	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	0.0641	NA	0.00	0.00	0.0476	NA	0.00	0.00
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	6.57	D	NA	0.108	2.52	D	NA	0.104	0.77	D	NA	0.0437	0.317	D	NA	0.00896
4,4'-DDT	0.003	1.7	7.9	47	3.39	D	NA	0.139	NA	NA	NA	NA	NA	NA	NA	NA	0.0664	NA	0.00	0.00
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	0.939	D	NA	0.134	0.148	D	NA	0.0564	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	NA	NA	NA	NA	0.0301	NA	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	0.167	JD	NA	0.103	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.09	U	0.09	0.10	0.09	U	0.09	0.10	0.08	U	0.08	0.08	0.08	U	0.08	0.08
Total Metals (mg/kg)					Result	Qualifier	RL		Result	Qualifier	RL		Result	Qualifier	RL		Result	Qualifier	RL	
Arsenic	13	16	16	16	52.3	NA	NA	1.88	33.9	NA	NA	1.86	36.2	NA	NA	1.57	14.5	NA	NA	1.59
Lead	63	400	400	1,000	190	NA	NA	1.88	116	NA	NA	1.86	95.7	NA	NA	1.57	51.2	NA	NA	1.59

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SS-1				SS-2				SS-3				SS-4			
Date Sampled:					05/24/2022 12:10				05/24/2022 12:20				05/24/2022 12:30				05/24/2022 12:35			
Matrix:					Soil				Soil				Soil				Soil			
Compound																				
TCLP Metals (mg/L)					TCLP Limit															
Arsenic					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes:																				
U - Indicates compound analyzed for but not detected																				
J - Indicates estimated value for TICs and all results when detected below the RL																				
D - Indicates result is based on a dilution																				
H - Indicates a Hold Time violation																				
P - Indicates a Greater than 25% diff. between 2 GC columns.																				
mg/kg - milligrams per kilogram																				
NYSDEC - New York State Department of Environmental Conservation																				
USCO - Unrestricted Use Soil Cleanup Objectives																				
RSCO - Residential Use Soil Cleanup Objectives																				
RRSCO - Restricted Residential Use Soil Cleanup Objectives																				
CSCO - Commercial Use Soil Cleanup Objectives																				
NA - Not Analyzed / Not Applicable																				
Concentration Exceeds USCO																				
Concentration Exceeds RSCO																				
Concentration Exceeds RRSCO																				
Concentration Exceeds CSCO																				

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SS-5				SB-6 (0-6")				SB-7 (0-6")				SB-7 (6"-12")			
Date Sampled:					05/24/2022 12:45				11/15/2022 09:00				11/08/2022 08:35				11/08/2022 08:36			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					77.4	NA	NA	NA	81.3	NA	NA	NA	87.6	NA	NA	NA	88.2	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00561	NA	0.00	0.00	0.0249	NA	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	0.00	U	0.00	0.00	NA	NA	NA	NA	0.0183	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	NA	NA	NA	NA	0.00131	J	0.00	0.00	NA	NA	NA	NA	0.179	D	NA	0.00806
4,4'-DDT	0.003	1.7	7.9	47	0.00192	P	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00343	NA	0.00	0.00
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.08	U	0.08	0.09	0.08	U	0.08	0.08	0.07	U	0.07	0.08	0.07	U	0.07	0.07
Total Metals (mg/kg)					Result	Qualifier	RL		Result	Qualifier	RL		Result	Qualifier	RL					
Arsenic	13	16	16	16	3.75	NA	NA	1.58	5.68	NA	NA	1.47	2.71	NA	NA	1.38	NA	NA	NA	NA
Lead	63	400	400	1,000	37.5	NA	NA	1.58	28.6	NA	NA	1.47	29.9	NA	NA	1.38	NA	NA	NA	NA

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SS-5				SB-6 (0-6")				SB-7 (0-6")				SB-7 (6"-12")			
Date Sampled:					05/24/2022 12:45				11/15/2022 09:00				11/08/2022 08:35				11/08/2022 08:36			
Matrix:					Soil				Soil				Soil				Soil			
Compound																				
TCLP Metals (mg/L)					TCLP Lin															
Arsenic				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes:																				
U - Indicates compound analyzed for but not detected																				
J - Indicates estimated value for TICs and all results when detected below the RL																				
D - Indicates result is based on a dilution																				
H - Indicates a Hold Time violation																				
P - Indicates a Greater than 25% diff. between 2 GC columns.																				
mg/kg - milligrams per kilogram																				
NYSDEC - New York State Department of Environmental Conservation																				
USCO - Unrestricted Use Soil Cleanup Objectives																				
RSCO - Residential Use Soil Cleanup Objectives																				
RRSCO - Restricted Residential Use Soil Cleanup Objectives																				
CSCO - Commercial Use Soil Cleanup Objectives																				
NA - Not Analyzed / Not Applicable																				
Concentration Exceeds USCO																				
Concentration Exceeds RSCO																				
Concentration Exceeds RRSCO																				
Concentration Exceeds CSCO																				

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-8 (0-6")				SB-9 (0-6")				SB-9 (6-12")				SB-10 (0-6")			
Date Sampled:					11/15/2022 08:15				11/08/2022 08:30				11/08/2022 08:31				11/15/2022 08:00			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					78.6	NA	NA	NA	80.7	NA	NA	NA	88.8	NA	NA	NA	77	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	0.00991	NA	0.00	0.00	0.00199	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	0.00701	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	0.00119	J	0.00	0.00	0.0393	NA	0.00	0.00	NA	NA	NA	NA	0.00	U	0.00	0.00
4,4'-DDT	0.003	1.7	7.9	47	0.00	U	0.00	0.00	NA	NA	NA	NA	0.00172	NA	0.00	0.00	0.00	U	0.00	0.00
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	0.00714	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	NA	NA	NA	NA	0.0141	NA	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	0.0255	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	0.00	U	0.00	0.00	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	NA	NA	NA	NA	0.00236	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.08	U	0.08	0.08	0.08	U	0.08	0.08	0.07	U	0.07	0.07	0.08	U	0.08	0.09
Total Metals (mg/kg)					Result	Qualifier	RL		Result	Qualifier	RL						Result	Qualifier	RL	
Arsenic	13	16	16	16	4.64	NA	NA	1.57	5.44	NA	NA	1.5	NA	NA	NA	NA	4.56	NA	NA	1.64
Lead	63	400	400	1,000	20.6	NA	NA	1.57	44.8	NA	NA	1.5	NA	NA	NA	NA	25.6	NA	NA	1.64

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-8 (0-6")				SB-9 (0-6")				SB-9 (6-12")				SB-10 (0-6")				
Date Sampled:					11/15/2022 08:15				11/08/2022 08:30				11/08/2022 08:31				11/15/2022 08:00				
Matrix:					Soil				Soil				Soil				Soil				
Compound		USCO	RSCO	RRSCO	CSCO																
TCLP Metals (mg/L)		TCLP Lin																			
Arsenic					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Notes:																					
U - Indicates compound analyzed for but not detected																					
J - Indicates estimated value for TICs and all results when detected below the RL																					
D - Indicates result is based on a dilution																					
H - Indicates a Hold Time violation																					
P - Indicates a Greater than 25% diff. between 2 GC columns.																					
mg/kg - milligrams per kilogram																					
NYSDEC - New York State Department of Environmental Conservation																					
USCO - Unrestricted Use Soil Cleanup Objectives																					
RSCO - Residential Use Soil Cleanup Objectives																					
RRSCO - Restricted Residential Use Soil Cleanup Objectives																					
CSCO - Commercial Use Soil Cleanup Objectives																					
NA - Not Analyzed / Not Applicable																					
Concentration Exceeds USCO																					
Concentration Exceeds RSCO																					
Concentration Exceeds RRSCO																					
Concentration Exceeds CSCO																					

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-11 (0'-6")				SB-11 (6"-12")				SB-12 (0'-6")				SB-12 (6"-12")			
Date Sampled:					11/08/2022 08:25				11/08/2022 08:26				11/08/2022 09:00				11/08/2022 09:01			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					87.5	NA	NA	NA	88.6	NA	NA	NA	80.9	NA	NA	NA	88	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	0.00772	NA	0.00	0.00	NA	NA	NA	NA	0.0408	NA	0.00	0.00	0.028	NA	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	0.00482	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	0.0117	NA	0.00	0.00	0.00877	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	0.187	D	NA	0.00439	0.205	D	NA	0.00808
4,4'-DDT	0.003	1.7	7.9	47	0.00304	NA	0.00	0.00	0.00488	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	0.0032	NA	0.00	0.00	0.0528	NA	0.00	0.00
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	0.0144	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	0.000876	J	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.07	U	0.07	0.08	0.07	U	0.07	0.07	0.08	U	0.08	0.08	0.07	U	0.07	0.08
Total Metals (mg/kg)					Result	Qualifier	RL						Result	Qualifier	RL					
Arsenic	13	16	16	16	4.21	NA	NA	1.41	NA	NA	NA	NA	7.82	NA	NA	1.54	NA	NA	NA	NA
Lead	63	400	400	1,000	38.8	NA	NA	1.41	NA	NA	NA	NA	59.6	NA	NA	1.54	NA	NA	NA	NA

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-11 (0'-6")				SB-11 (6"-12")				SB-12 (0'-6")				SB-12 (6"-12")				
Date Sampled:					11/08/2022 08:25				11/08/2022 08:26				11/08/2022 09:00				11/08/2022 09:01				
Matrix:					Soil				Soil				Soil				Soil				
Compound		USCO	RSCO	RRSCO	CSCO																
TCLP Metals (mg/L)		TCLP Lin																			
Arsenic				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Lead				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Notes:																					
U - Indicates compound analyzed for but not detected																					
J - Indicates estimated value for TICs and all results when detected below the RL																					
D - Indicates result is based on a dilution																					
H - Indicates a Hold Time violation																					
P - Indicates a Greater than 25% diff. between 2 GC columns.																					
mg/kg - milligrams per kilogram																					
NYSDEC - New York State Department of Environmental Conservation																					
USCO - Unrestricted Use Soil Cleanup Objectives																					
RSCO - Residential Use Soil Cleanup Objectives																					
RRSCO - Restricted Residential Use Soil Cleanup Objectives																					
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NA - Not Analyzed / Not Applicable																					
Concentration Exceeds USCO																					
Concentration Exceeds RSCO																					
Concentration Exceeds RRSCO																					
Concentration Exceeds CSCO																					

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-13 (0-6")				SB-13 (6-12")				SB-13 (12-18")				SB-14 (0-6")			
Date Sampled:					11/15/2022 10:00				11/15/2022 10:01				11/15/2022 10:02				11/15/2022 11:00			
Matrix:					Soil				Soil				Soil				Soil			
Compound																				
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					76.3	NA	NA	NA	81.3	NA	NA	NA	81.2	NA	NA	NA	79.5	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	NA	NA	NA	NA	0.0276	JDH	NA	0.0146	0.0536	H	0.00	0.00	0.00164	NA	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	0.965	D	NA	0.0779	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	11.2	D	NA	0.466	3.91	DH	NA	0.175	4.01	DH	NA	0.0438	0.00463	NA	0.00	0.00
4,4'-DDT	0.003	1.7	7.9	47	NA	NA	NA	NA	0.451	DH	NA	0.226	2.46	DH	NA	0.0565	0.00	U	0.00	0.00
4,4'-DDT [2C]	0.003	1.7	7.9	47	4.96	D	NA	0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	NA	NA	NA	NA	0.000731	JH	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	0.00107	JH	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.0052	NA	0.00	0.00	0.0105	H	0.00	0.00	0.00397	H	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	0.0895	DH	NA	0.0419	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	0.197	D	NA	0.0891	0.124	DH	NA	0.0167	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	NA	NA	NA	NA	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.08	U	0.08	0.09	0.08	UH	0.08	0.08	0.08	UH	0.08	0.08	0.08	U	0.08	0.08
Total Metals (mg/kg)					Result	Qualifier	RL		Result	Qualifier	RL		Result	Qualifier	RL		Result	Qualifier	RL	
Arsenic	13	16	16	16	74.5	NA	NA	1.61	59.1	NA	NA	1.53	35	NA	NA	1.55	20.1	NA	NA	1.59
Lead	63	400	400	1,000	212	NA	NA	1.61	139	NA	NA	1.53	NA	NA	NA	NA	67.7	NA	NA	1.59

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-13 (0-6")				SB-13 (6-12")				SB-13 (12-18")				SB-14 (0-6")				
Date Sampled:					11/15/2022 10:00				11/15/2022 10:01				11/15/2022 10:02				11/15/2022 11:00				
Matrix:					Soil				Soil				Soil				Soil				
Compound		USCO	RSCO	RRSCO	CSCO																
TCLP Metals (mg/L)		TCLP Lin																			
Arsenic					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Lead					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Notes:																					
U - Indicates compound analyzed for but not detected																					
J - Indicates estimated value for TICs and all results when detected below the RL																					
D - Indicates result is based on a dilution																					
H - Indicates a Hold Time violation																					
P - Indicates a Greater than 25% diff. between 2 GC columns.																					
mg/kg - milligrams per kilogram																					
NYSDEC - New York State Department of Environmental Conservation																					
USCO - Unrestricted Use Soil Cleanup Objectives																					
RSCO - Residential Use Soil Cleanup Objectives																					
RRSCO - Restricted Residential Use Soil Cleanup Objectives																					
CSCO - Commercial Use Soil Cleanup Objectives																					
NA - Not Analyzed / Not Applicable																					
Concentration Exceeds USCO																					
Concentration Exceeds RSCO																					
Concentration Exceeds RRSCO																					
Concentration Exceeds CSCO																					

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-14 (6-12")				SB-15 (0-6")				SB-15 (6"-12")				SB-16 (0-6")			
Date Sampled:					11/15/2022 11:01				11/08/2022 08:20				11/08/2022 08:21				11/08/2022 08:55			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					78.4	NA	NA	NA	78.6	NA	NA	NA	87.8	NA	NA	NA	83.1	NA	NA	NA
Pesticides (mg/kg)									Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	NA	NA	NA	NA	0.00583	NA	0.00	0.00	NA	NA	NA	NA	0.00614	NA	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	0.0157	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	0.0744	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	NA	NA	NA	NA	0.0174	NA	0.00	0.00	NA	NA	NA	NA	0.793	D	NA	0.00856
4,4'-DDT	0.003	1.7	7.9	47	NA	NA	NA	NA	0.00152	J	0.00	0.00	0.0514	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.304	D	NA	0.0111
Aldrin	0.005	0.019	0.097	0.68	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					NA	NA	NA	NA	0.08	U	0.08	0.08	0.07	U	0.07	0.08	0.08	U	0.08	0.08
Total Metals (mg/kg)					Result	Qualifier	RL		Result	Qualifier	RL						Result	Qualifier	RL	
Arsenic	13	16	16	16	12.8	NA	NA	1.59	4.75	NA	NA	1.62	NA	NA	NA	NA	14.3	NA	NA	1.52
Lead	63	400	400	1,000	55.9	NA	NA	1.59	37.5	NA	NA	1.62	NA	NA	NA	NA	43.2	NA	NA	1.52

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-14 (6-12")				SB-15 (0-6")				SB-15 (6"-12")				SB-16 (0-6")			
Date Sampled:					11/15/2022 11:01				11/08/2022 08:20				11/08/2022 08:21				11/08/2022 08:55			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
TCLP Metals (mg/L)	TCLP Lin																			
Arsenic				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes:																				
U - Indicates compound analyzed for but not detected																				
J - Indicates estimated value for TICs and all results when detected below the RL																				
D - Indicates result is based on a dilution																				
H - Indicates a Hold Time violation																				
P - Indicates a Greater than 25% diff. between 2 GC columns.																				
mg/kg - milligrams per kilogram																				
NYSDEC - New York State Department of Environmental Conservation																				
USCO - Unrestricted Use Soil Cleanup Objectives																				
RSCO - Residential Use Soil Cleanup Objectives																				
RRSCO - Restricted Residential Use Soil Cleanup Objectives																				
CSCO - Commercial Use Soil Cleanup Objectives																				
NA - Not Analyzed / Not Applicable																				
Concentration Exceeds USCO																				
Concentration Exceeds RSCO																				
Concentration Exceeds RRSCO																				
Concentration Exceeds CSCO																				

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-17 (0-6")				SB-18 (0-6")				SB-18 (6"-12")				SB-19 (0-6")			
Date Sampled:					11/15/2022 13:00				11/08/2022 08:15				11/08/2022 08:16				11/08/2022 08:50			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					78.7	NA	NA	NA	78.1	NA	NA	NA	83.2	NA	NA	NA	88.8	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0334	NA	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	0.000991	J	0.00	0.00	0.00528	NA	0.00	0.00	0.00925	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	0.0412	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	0.00283	NA	0.00	0.00	0.0422	NA	0.00	0.00	NA	NA	NA	NA	0.0691	NA	0.00	0.00
4,4'-DDT	0.003	1.7	7.9	47	0.00	U	0.00	0.00	0.0104	NA	0.00	0.00	0.00968	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00325	NA	0.00	0.00
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	0.00	U	0.00	0.00	NA	NA	NA	NA	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	0.00312	NA	0.00	0.00	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.08	U	0.08	0.08	0.08	U	0.08	0.08	0.08	U	0.08	0.08	0.07	U	0.07	0.07
Total Metals (mg/kg)					Result	Qualifier	RL		Result	Qualifier	RL						Result	Qualifier	RL	
Arsenic	13	16	16	16	3.91	NA	NA	1.59	4.18	NA	NA	1.54	NA	NA	NA	NA	4.9	NA	NA	1.35
Lead	63	400	400	1,000	18.3	NA	NA	1.59	36.6	NA	NA	1.54	NA	NA	NA	NA	23.7	NA	NA	1.35

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-17 (0-6")				SB-18 (0-6")				SB-18 (6"-12")				SB-19 (0-6")			
Date Sampled:					11/15/2022 13:00				11/08/2022 08:15				11/08/2022 08:16				11/08/2022 08:50			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
TCLP Metals (mg/L)					TCLP Lin															
Arsenic				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes:																				
U - Indicates compound analyzed for but not detected																				
J - Indicates estimated value for TICs and all results when detected below the RL																				
D - Indicates result is based on a dilution																				
H - Indicates a Hold Time violation																				
P - Indicates a Greater than 25% diff. between 2 GC columns.																				
mg/kg - milligrams per kilogram																				
NYSDEC - New York State Department of Environmental Conservation																				
USCO - Unrestricted Use Soil Cleanup Objectives																				
RSCO - Residential Use Soil Cleanup Objectives																				
RRSCO - Restricted Residential Use Soil Cleanup Objectives																				
CSCO - Commercial Use Soil Cleanup Objectives																				
NA - Not Analyzed / Not Applicable																				
Concentration Exceeds USCO																				
Concentration Exceeds RSCO																				
Concentration Exceeds RRSCO																				
Concentration Exceeds CSCO																				

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-19 (6"-12")				SB-20 (0-6")				SB - 21 (0-6")				SB-21 (6"-12")			
Date Sampled:					11/08/2022 08:51				11/15/2022 13:10				11/08/2022 08:05				11/08/2022 08:06			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					91.3	NA	NA	NA	79.1	NA	NA	NA	83	NA	NA	NA	79	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	0.0234	NA	0.00	0.00	0.00325	NA	0.00	0.00	0.00789	NA	0.00	0.00	0.0261	NA	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	0.0305	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	NA	NA	NA	NA	0.0324	NA	0.00	0.00	0.179	D	NA	0.00428	0.455	D	NA	0.009
4,4'-DDT	0.003	1.7	7.9	47	0.0572	NA	0.00	0.00	0.00	U	0.00	0.00	NA	NA	NA	NA	0.0744	D	NA	0.0116
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	0.0484	NA	0.00	0.00	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					NA	NA	NA	NA	0.00	U	0.00	0.00	0.0359	NA	0.00	0.00	NA	NA	NA	NA
Chlordane [2C]					0.0144	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.0192	NA	0.00	0.00
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00104	J	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.07	U	0.07	0.07	0.08	U	0.08	0.08	0.08	U	0.08	0.08	0.08	U	0.08	0.08
Total Metals (mg/kg)									Result	Qualifier	RL		Result	Qualifier	RL					
Arsenic	13	16	16	16	NA	NA	NA	NA	6.69	NA	NA	1.53	5.09	NA	NA	1.51	NA	NA	NA	NA
Lead	63	400	400	1,000	NA	NA	NA	NA	33.9	NA	NA	1.53	35.2	NA	NA	1.51	NA	NA	NA	NA

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-19 (6"-12")				SB-20 (0-6")				SB - 21 (0-6")				SB-21 (6"-12")			
Date Sampled:					11/08/2022 08:51				11/15/2022 13:10				11/08/2022 08:05				11/08/2022 08:06			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
TCLP Metals (mg/L)					TCLP Lin															
Arsenic				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Notes:																				
U - Indicates compound analyzed for but not detected																				
J - Indicates estimated value for TICs and all results when detected below the RL																				
D - Indicates result is based on a dilution																				
H - Indicates a Hold Time violation																				
P - Indicates a Greater than 25% diff. between 2 GC columns.																				
mg/kg - milligrams per kilogram																				
NYSDEC - New York State Department of Environmental Conservation																				
USCO - Unrestricted Use Soil Cleanup Objectives																				
RSCO - Residential Use Soil Cleanup Objectives																				
RRSCO - Restricted Residential Use Soil Cleanup Objectives																				
CSCO - Commercial Use Soil Cleanup Objectives																				
NA - Not Analyzed / Not Applicable																				
Concentration Exceeds USCO																				
Concentration Exceeds RSCO																				
Concentration Exceeds RRSCO																				
Concentration Exceeds CSCO																				

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-22 (0-6")				SB-22 (6"-12")				SB-23 (0-6")				SB-24 (0-6")			
Date Sampled:					11/08/2022 08:45				11/08/2022 08:46				11/15/2022 14:00				11/08/2022 08:10			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					78.3	NA	NA	NA	82.2	NA	NA	NA	78.6	NA	NA	NA	89.1	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	0.0483	NA	0.00	0.00	0.0744	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	0.0144	NA	0.00	0.00	0.0136	NA	0.00	0.00
4,4'-DDE	0.003	1.8	8.9	62	0.0591	NA	0.00	0.00	NA	NA	NA	NA	0.0839	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	NA	NA	NA	NA	0.109	D	NA	0.00432	NA	NA	NA	NA	0.134	D	NA	0.00399
4,4'-DDT	0.003	1.7	7.9	47	0.00158	J	0.00	0.00	0.00155	J	0.00	0.00	0.00	U	0.00	0.00	0.0216	NA	0.00	0.00
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	0.00151	J	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.08	U	0.08	0.08	0.08	U	0.08	0.08	0.08	U	0.08	0.08	0.07	U	0.07	0.07
Total Metals (mg/kg)					Result	Qualifier	RL						Result	Qualifier	RL		Result	Qualifier	RL	
Arsenic	13	16	16	16	5.45	NA	NA	1.6	NA	NA	NA	NA	8.16	NA	NA	1.61	9.83	NA	NA	1.4
Lead	63	400	400	1,000	20.5	NA	NA	1.6	NA	NA	NA	NA	39.9	NA	NA	1.61	38.5	NA	NA	1.4

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-22 (0-6")				SB-22 (6"-12")				SB-23 (0-6")				SB-24 (0-6")			
Date Sampled:					11/08/2022 08:45				11/08/2022 08:46				11/15/2022 14:00				11/08/2022 08:10			
Matrix:					Soil				Soil				Soil				Soil			
Compound																				
TCLP Metals (mg/L)					TCLP Lin															
Arsenic					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes:																				
U - Indicates compound analyzed for but not detected																				
J - Indicates estimated value for TICs and all results when detected below the RL																				
D - Indicates result is based on a dilution																				
H - Indicates a Hold Time violation																				
P - Indicates a Greater than 25% diff. between 2 GC columns.																				
mg/kg - milligrams per kilogram																				
NYSDEC - New York State Department of Environmental Conservation																				
USCO - Unrestricted Use Soil Cleanup Objectives																				
RSCO - Residential Use Soil Cleanup Objectives																				
RRSCO - Restricted Residential Use Soil Cleanup Objectives																				
CSCO - Commercial Use Soil Cleanup Objectives																				
NA - Not Analyzed / Not Applicable																				
Concentration Exceeds USCO																				
Concentration Exceeds RSCO																				
Concentration Exceeds RRSCO																				
Concentration Exceeds CSCO																				

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-24 (6"-12")				SB-24 (12"-18")				SB-25 (0-6")				SB-25 (6"-12")			
Date Sampled:					11/08/2022 08:11				11/08/2022 08:12				11/08/2022 08:40				11/08/2022 08:41			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					87.9	NA	NA	NA	86	NA	NA	NA	83.4	NA	NA	NA	83.4	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	0.159	D	NA	0.00677	0.005	NA	0.00	0.00	NA	NA	NA	NA	0.0836	D	NA	0.00714
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	0.0772	NA	0.00	0.00	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	0.0395	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	0.223	D	NA	0.00809	NA	NA	NA	NA	0.461	D	NA	0.00853	0.483	D	NA	0.00853
4,4'-DDT	0.003	1.7	7.9	47	NA	NA	NA	NA	0.0175	NA	0.00	0.00	NA	NA	NA	NA	0.0164	NA	0.00	0.00
4,4'-DDT [2C]	0.003	1.7	7.9	47	0.124	D	NA	0.0104	NA	NA	NA	NA	0.0205	NA	0.00	0.00	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00791	NA	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.07	U	0.07	0.08	0.07	U	0.07	0.08	0.08	U	0.08	0.08	0.08	U	0.08	0.08
Total Metals (mg/kg)													Result	Qualifier	RL		Result	Qualifier	RL	
Arsenic	13	16	16	16	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	1.51	15.3	NA	NA	1.49
Lead	63	400	400	1,000	NA	NA	NA	NA	NA	NA	NA	NA	43.3	NA	NA	1.51	NA	NA	NA	NA

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-24 (6"-12")				SB-24 (12"-18")				SB-25 (0-6")				SB-25 (6"-12")			
Date Sampled:					11/08/2022 08:11				11/08/2022 08:12				11/08/2022 08:40				11/08/2022 08:41			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
TCLP Metals (mg/L)					TCLP Lin															
Arsenic				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Notes:																				
U - Indicates compound analyzed for but not detected																				
J - Indicates estimated value for TICs and all results when detected below the RL																				
D - Indicates result is based on a dilution																				
H - Indicates a Hold Time violation																				
P - Indicates a Greater than 25% diff. between 2 GC columns.																				
mg/kg - milligrams per kilogram																				
NYSDEC - New York State Department of Environmental Conservation																				
USCO - Unrestricted Use Soil Cleanup Objectives																				
RSCO - Residential Use Soil Cleanup Objectives																				
RRSCO - Restricted Residential Use Soil Cleanup Objectives																				
CSCO - Commercial Use Soil Cleanup Objectives																				
NA - Not Analyzed / Not Applicable																				
Concentration Exceeds USCO																				
Concentration Exceeds RSCO																				
Concentration Exceeds RRSCO																				
Concentration Exceeds CSCO																				

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-26 (0-6")				SB-26 (6-12")				SB-26 (12-18")				SB-27 (0-6")			
Date Sampled:					11/15/2022 10:05				11/15/2022 10:06				11/15/2022 10:07				11/15/2022 15:00			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids					76.8	NA	NA	NA	80.8	NA	NA	NA	84.6	NA	NA	NA	87	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	1.01	D	NA	0.0387	NA	NA	NA	NA	0.067	JDH	NA	0.0352	0.00326	NA	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	0.0672	JDH	NA	0.0368	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	3.43	D	NA	0.0463	1.07	DH	NA	0.044	1.59	DH	NA	0.042	0.0309	NA	0.00	0.00
4,4'-DDT	0.003	1.7	7.9	47	NA	NA	NA	NA	2.71	DH	NA	0.0568	2.62	DH	NA	0.0542	0.00	U	0.00	0.00
4,4'-DDT [2C]	0.003	1.7	7.9	47	3.69	D	NA	0.0597	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	NA	NA	NA	NA	0.00252	H	0.00	0.00	NA	NA	NA	NA	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	0.00743	NA	0.00	0.00	NA	NA	NA	NA	0.00168	H	0.00	0.00	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.0179	NA	0.00	0.00	0.02	H	0.00	0.00	0.00615	H	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00177	NA	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	1.35	D	NA	0.0442	0.98	DH	NA	0.0421	0.526	DH	NA	0.0402	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.0025	NA	0.00	0.00	0.0012	JH	0.00	0.00	NA	NA	NA	NA	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	0.00	UH	0.00	0.00	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	UH	0.00	0.00	0.00	UH	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.08	U	0.08	0.09	0.08	UH	0.08	0.08	0.07	UH	0.07	0.08	0.07	U	0.07	0.08
Total Metals (mg/kg)					Result	Qualifier		RL	Result	Qualifier		RL	Result	Qualifier		RL	Result	Qualifier		RL
Arsenic	13	16	16	16	158	NA	NA	1.62	143	NA	NA	1.53	79.3	NA	NA	1.46	7.15	NA	NA	1.47
Lead	63	400	400	1,000	861	NA	NA	1.62	268	NA	NA	1.53	NA	NA	NA	NA	68.3	NA	NA	1.47

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-26 (0-6")				SB-26 (6-12")				SB-26 (12-18")				SB-27 (0-6")							
Date Sampled:					11/15/2022 10:05				11/15/2022 10:06				11/15/2022 10:07				11/15/2022 15:00							
Matrix:					Soil				Soil				Soil				Soil							
Compound		USCO	RSCO	RRSCO	CSCO																			
TCLP Metals (mg/L)		TCLP Lin				Result	Qualifier		RL															
Arsenic					5	0.25	U	NA	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
Lead					5	0.63	NA	NA	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
Notes:																								
U - Indicates compound analyzed for but not detected																								
J - Indicates estimated value for TICs and all results when detected below the RL																								
D - Indicates result is based on a dilution																								
H - Indicates a Hold Time violation																								
P - Indicates a Greater than 25% diff. between 2 GC columns.																								
mg/kg - milligrams per kilogram																								
NYSDEC - New York State Department of Environmental Conservation																								
USCO - Unrestricted Use Soil Cleanup Objectives																								
RSCO - Residential Use Soil Cleanup Objectives																								
RRSCO - Restricted Residential Use Soil Cleanup Objectives																								
CSCO - Commercial Use Soil Cleanup Objectives																								
NA - Not Analyzed / Not Applicable																								
Concentration Exceeds USCO																								
Concentration Exceeds RSCO																								
Concentration Exceeds RRSCO																								
Concentration Exceeds CSCO																								

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB - 28 (0-6")				SB - 28 (6"-12")				SB-29 (0-6")			
Date Sampled:					11/08/2022 08:00				11/08/2022 08:01				11/15/2022 10:30			
Matrix:					Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO												
General Chemistry (%)					Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids					85.8	NA	NA	NA	90.7	NA	NA	NA	70.6	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	0.006	NA	0.00	0.00	0.00	U	0.00	0.00	0.00799	NA	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	0.41	D	NA	0.00828	0.00319	NA	0.00	0.00	0.0987	D	NA	0.00503
4,4'-DDT	0.003	1.7	7.9	47	0.0366	D	NA	0.0107	0.00	U	0.00	0.00	0.00	U	0.00	0.00
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	0.00247	NA	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					0.07	U	0.07	0.08	0.07	U	0.07	0.07	0.09	U	0.09	0.09
Total Metals (mg/kg)					Result	Qualifier		RL					Result	Qualifier		RL
Arsenic	13	16	16	16	9.4	NA	NA	1.46	NA	NA	NA	NA	9.85	NA	NA	1.78
Lead	63	400	400	1,000	31.6	NA	NA	1.46	NA	NA	NA	NA	75.4	NA	NA	1.78

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB - 28 (0-6")				SB - 28 (6"-12")				SB-29 (0-6")			
Date Sampled:					11/08/2022 08:00				11/08/2022 08:01				11/15/2022 10:30			
Matrix:					Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO												
TCLP Metals (mg/L)	TCLP Lin															
Arsenic				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes:																
U - Indicates compound analyzed for but not detected																
J - Indicates estimated value for TICs and all results when detected below the RL																
D - Indicates result is based on a dilution																
H - Indicates a Hold Time violation																
P - Indicates a Greater than 25% diff. between 2 GC columns.																
mg/kg - milligrams per kilogram																
NYSDEC - New York State Department of Environmental Conservation																
USCO - Unrestricted Use Soil Cleanup Objectives																
RSCO - Residential Use Soil Cleanup Objectives																
RRSCO - Restricted Residential Use Soil Cleanup Objectives																
CSCO - Commercial Use Soil Cleanup Objectives																
NA - Not Analyzed / Not Applicable																
Concentration Exceeds USCO																
Concentration Exceeds RSCO																
Concentration Exceeds RRSCO																
Concentration Exceeds CSCO																

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-30 (0-6")				SB-30 (6-12")				SB-30 (12-18")				SB-31 (0-6")			
Date Sampled:					11/15/2022 10:10				11/15/2022 10:11				11/15/2022 10:12				11/15/2022 10:15			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					78.6	NA	NA	NA	83.8	NA	NA	NA	82.4	NA	NA	NA	75	NA	NA	NA
Pesticides (mg/kg)					Result	Qualifier	MDL	RL									Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.034	D	NA	0.00793
4,4'-DDD [2C]	0.003	2.6	13	92	0.989	D	NA	0.0378	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	4.15	D	NA	0.0452	NA	NA	NA	NA	NA	NA	NA	NA	0.236	D	NA	0.00948
4,4'-DDT	0.003	1.7	7.9	47	1.38	D	NA	0.0584	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0102	NA	0.00	0.00
Aldrin	0.005	0.019	0.097	0.68	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	0.000958	J	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Chlordane					0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Endrin aldehyde					0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Endrin ketone					0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Heptachlor Epoxide					0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Methoxychlor					0.00	U	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00
Toxaphene					0.08	U	0.08	0.08	NA	NA	NA	NA	NA	NA	NA	NA	0.08	U	0.08	0.09
Total Metals (mg/kg)					Result	Qualifier	RL		Result	Qualifier	RL		Result	Qualifier	RL		Result	Qualifier	RL	
Arsenic	13	16	16	16	42.6	NA	NA	1.54	28.2	NA	NA	1.49	26.1	NA	NA	1.52	20	NA	NA	1.67
Lead	63	400	400	1,000	133	NA	NA	1.54	62.1	NA	NA	1.49	NA	NA	NA	NA	68.7	NA	NA	1.67

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

Client ID:					SB-30 (0-6")				SB-30 (6-12")				SB-30 (12-18")				SB-31 (0-6")			
Date Sampled:					11/15/2022 10:10				11/15/2022 10:11				11/15/2022 10:12				11/15/2022 10:15			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
TCLP Metals (mg/L)	TCLP Lin																			
Arsenic				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead				5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Notes:																				
U - Indicates compound analyzed for but not detected																				
J - Indicates estimated value for TICs and all results when detected below the RL																				
D - Indicates result is based on a dilution																				
H - Indicates a Hold Time violation																				
P - Indicates a Greater than 25% diff. between 2 GC columns.																				
mg/kg - milligrams per kilogram																				
NYSDEC - New York State Department of Environmental Conservation																				
USCO - Unrestricted Use Soil Cleanup Objectives																				
RSCO - Residential Use Soil Cleanup Objectives																				
RRSCO - Restricted Residential Use Soil Cleanup Objectives																				
CSCO - Commercial Use Soil Cleanup Objectives																				
NA - Not Analyzed / Not Applicable																				
Concentration Exceeds USCO																				
Concentration Exceeds RSCO																				
Concentration Exceeds RRSCO																				
Concentration Exceeds CSCO																				

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

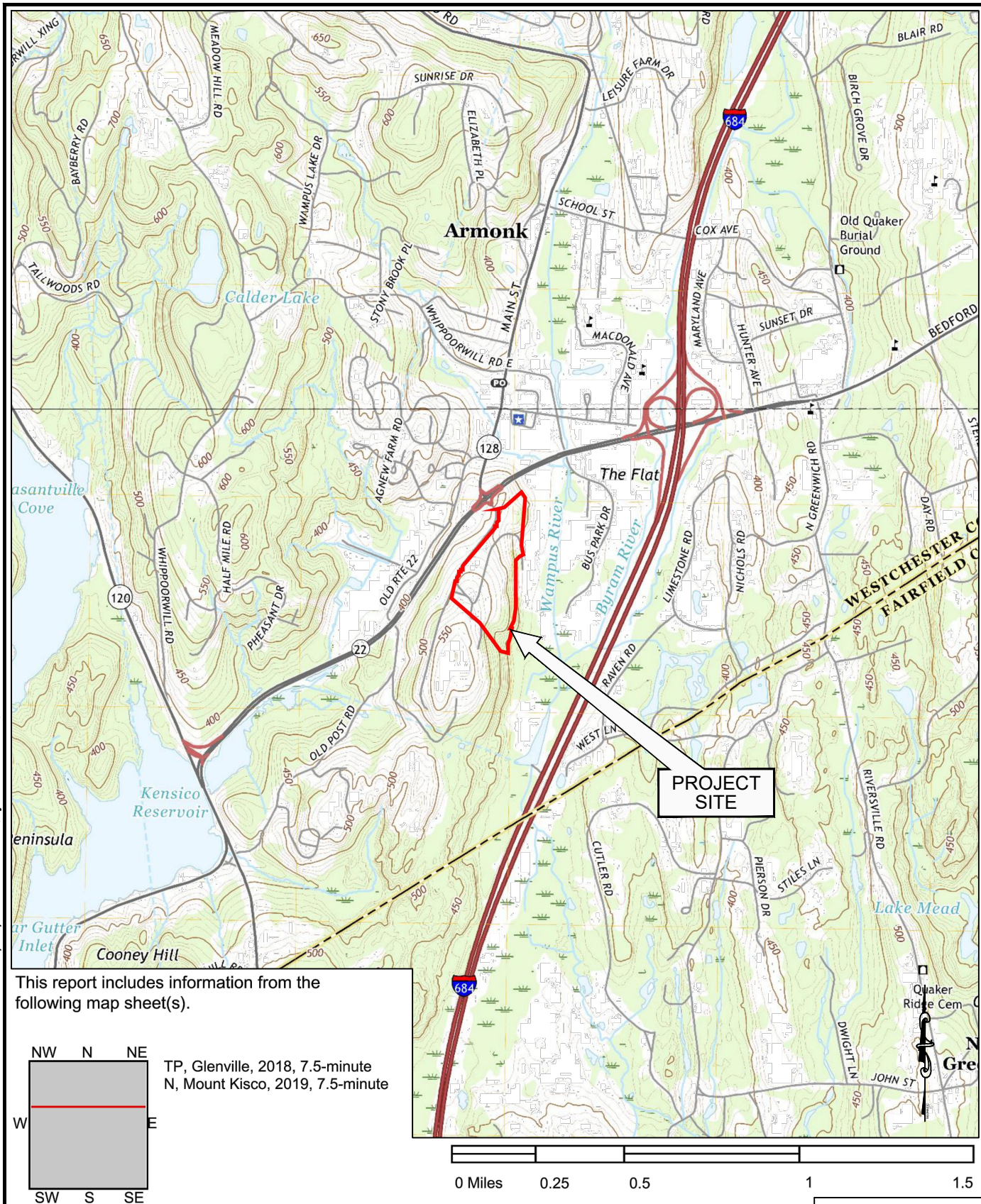
Client ID:					SB-31 (6-12")				SB-31 (12-18")				SB-32 (0-6")				SB-33 (0-6")			
Date Sampled:					11/15/2022 10:16				11/15/2022 10:17				11/15/2022 10:20				11/15/2022 10:25			
Matrix:					Soil				Soil				Soil				Soil			
Compound	USCO	RSCO	RRSCO	CSCO																
General Chemistry (%)					Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO		Result	Qualifier	ZERO	
Percent Solids					80.2	NA	NA	NA	84.3	NA	NA	NA	77	NA	NA	NA	76.4	NA	NA	NA
Pesticides (mg/kg)													Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	0.00687	NA	0.00	0.00	0.0511	NA	0.00	0.00
4,4'-DDD [2C]	0.003	2.6	13	92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE [2C]	0.003	1.8	8.9	62	NA	NA	NA	NA	NA	NA	NA	NA	0.0501	NA	0.00	0.00	0.149	D	NA	0.00931
4,4'-DDT	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0651	NA	0.00	0.00
4,4'-DDT [2C]	0.003	1.7	7.9	47	NA	NA	NA	NA	NA	NA	NA	NA	0.0108	NA	0.00	0.00	NA	NA	NA	NA
Aldrin	0.005	0.019	0.097	0.68	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
alpha-BHC [2C]	0.02	0.097	0.48	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.036	0.072	0.36	3	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane					NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Chlordane [2C]					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
delta-BHC [2C]	0.04	100	100	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Dieldrin [2C]	0.005	0.039	0.2	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	2.4	4.8	24	200	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan II	2.4	4.8	24	200	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfan sulfate	2.4	4.8	24	200	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endosulfans, Total (alpha and beta)					NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin	0.014	2.2	11	89	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin aldehyde					NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Endrin ketone					NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
gamma-BHC (Lindane) [2C]	0.1	0.28	1.3	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.42	2.1	15	NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Heptachlor Epoxide					NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Methoxychlor					NA	NA	NA	NA	NA	NA	NA	NA	0.00	U	0.00	0.00	0.00	U	0.00	0.00
Toxaphene					NA	NA	NA	NA	NA	NA	NA	NA	0.08	U	0.08	0.09	0.08	U	0.08	0.09
Total Metals (mg/kg)					Result	Qualifier	RL		Result	Qualifier	RL		Result	Qualifier	RL		Result	Qualifier	RL	
Arsenic	13	16	16	16	19	NA	NA	1.54	13.2	NA	NA	1.45	7.62	NA	NA	1.61	13	NA	NA	1.63
Lead	63	400	400	1,000	51.8	NA	NA	1.54	NA	NA	NA	NA	38.6	NA	NA	1.61	53.4	NA	NA	1.63

Table 3.1 - Summary of Soil Analytical Results
3 North Castle Drive, North Castle, New York
Phase II Environmental Site Assessment

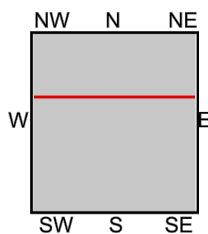
Client ID:					SB-31 (6-12")				SB-31 (12-18")				SB-32 (0-6")				SB-33 (0-6")				
Date Sampled:					11/15/2022 10:16				11/15/2022 10:17				11/15/2022 10:20				11/15/2022 10:25				
Matrix:					Soil				Soil				Soil				Soil				
Compound		USCO	RSCO	RRSCO	CSCO																
TCLP Metals (mg/L)		TCLP Lin																			
Arsenic					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead					5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Notes:																					
U - Indicates compound analyzed for but not detected																					
J - Indicates estimated value for TICs and all results when detected below the RL																					
D - Indicates result is based on a dilution																					
H - Indicates a Hold Time violation																					
P - Indicates a Greater than 25% diff. between 2 GC columns.																					
mg/kg - milligrams per kilogram																					
NYSDEC - New York State Department of Environmental Conservation																					
USCO - Unrestricted Use Soil Cleanup Objectives																					
RSCO - Residential Use Soil Cleanup Objectives																					
RRSCO - Restricted Residential Use Soil Cleanup Objectives																					
CSCO - Commercial Use Soil Cleanup Objectives																					
NA - Not Analyzed / Not Applicable																					
Concentration Exceeds USCO																					
Concentration Exceeds RSCO																					
Concentration Exceeds RRSCO																					
Concentration Exceeds CSCO																					

FIGURES

N:\ACAD\12456\CAD\12456 - FIG-1 - SITE LOCATION MAP.DWG 05/09/22 12:51:27PM, yelena.zolotova, LAYOUT:FIG-1



This report includes information from the following map sheet(s).



TP, Glenville, 2018, 7.5-minute
N, Mount Kisco, 2019, 7.5-minute

EAGLE RIDGE
3 NORTH CASTLE DRIVE
ARMONK, NY 10504

SITE LOCATION MAP

SESI
CONSULTING
ENGINEERS D.P.C.

SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL

12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

FIG-1

DRAWN BY: yz

CHECKED BY: TK

SCALE: AS NOTED

DATE: 05/09/22

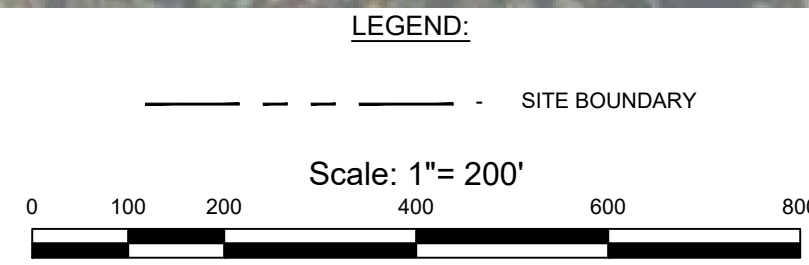
JOB NO.: 12456



N:\A\A\12456\A\A\12456 - FIG-2 - SITE PLAN.DWG 05/09/22 12:48:58PM jwens\adobe\layouts\FIG-2

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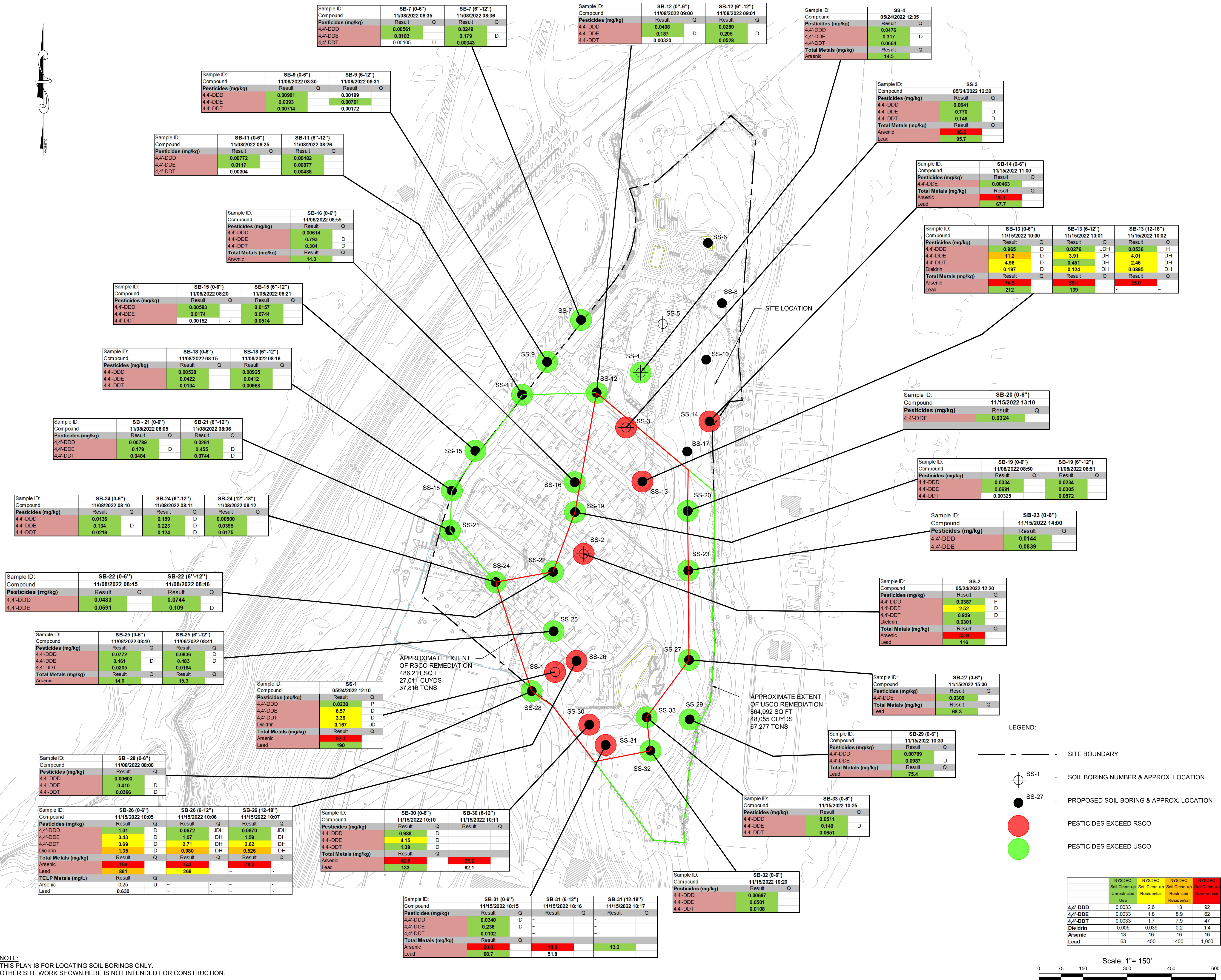
EAGLE RIDGE 3 NORTH CASTLE DRIVE ARMONK, NY 10504		SOILS / FOUNDATIONS SITE DESIGN ENVIRONMENTAL		12456	
drawing title:		SES CONSULTING ENGINEERS D.P.C.		job no.	
SITE LOCATION PLAN		12A MAPLE AVE. PINE BROOK, N.J. 07068 PH: 973-808-9050		drawing no.	
		date: 05/09/2022			
		scale: AS NOTED			
		chk by: JM			
		dwg by: YZ			
		rev		date	
		description		by	

FIG-1.2

N:\A04012456\A04012456\DWG\SOIL BORING PLAN.DWG 07/24/23 04:46:41PM, jesus.zaldivar, LAYOUT1.rvt

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This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS.

NOTE:
THIS PLAN IS FOR LOCATING SOIL BORINGS ONLY.
OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.



Appendix A:

LABORATORY ANALYTICAL REPORTS



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing



ANALYTICAL RESULTS

REDUCED DELIVERABLES FORMAT

APL Work Order Number: 2051267

Sesi Consulting Engineers

Project: 3 North Castle Dr.

Brian Wood
Laboratory Director

All Results meet the requirements of the National Environmental Laboratory Accreditation Conference and/or
State specific certifications as applicable.

Report Date: Jun 16, 2022

CONTENTS

1. Sample Summary	3
2. Chain of Custody	4
3. Methodology Summary	5
4. Abbreviations and Qualifiers	6
5. Data of Known Quality	7
6. Conformance/Non-Conformance Summary	8
7. Positive Results Summary	9
8. All Results Summary	11
9. Metal Results	16
9.1. Blank Results	17
9.2. Sample Results	24
9.3. Spike/Duplicate Results	29
9.4. Blank Summary	31
9.5. Sequence Summary	32
9.6. Continuing Calibration	34
10. Pesticide Results	35
10.1. Blank Results	36
10.2. Sample Results	39
10.3. Surrogate Recoveries	66
10.4. Spike/Duplicate Results	67
10.5. Blank Summary	70
10.6. Sequence/RT Summary	71
10.7. Initial Calibration	72
10.8. Continuing Calibration	74
11. General Chemistry	86
11.1. General Chemistry Results	87



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Sample Summary

Work Order: 2051267

Client: Sesi Consulting Engineers

Project: 3 North Castle Dr.

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	2051267-01	Soil	05/24/2022 12:10	05/24/2022 16:51
SS-2	2051267-02	Soil	05/24/2022 12:20	05/24/2022 16:51
SS-3	2051267-03	Soil	05/24/2022 12:30	05/24/2022 16:51
SS-4	2051267-04	Soil	05/24/2022 12:35	05/24/2022 16:51
SS-5	2051267-05	Soil	05/24/2022 12:45	05/24/2022 16:51



Extractable Petroleum Hydrocarbons:

Gas Chromatography/Flame Ionization Detector

New Jersey Department of Environmental Protection Site Remediation Program Extractable Petroleum Hydrocarbons Methodology (Version 3.0).

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8015B or NJDEP Office of Quality Assurance Quantitation of Semi-Volatile Petroleum Products in Water, Soil and Sediment OQA-QAM-025, Revision 6.

Metals:

Inductively-Coupled Plasma Atomic Emission Spectrometry or Inductively-Coupled Plasma Mass Spectrometry

Wastewater and Groundwater Samples: USEPA Methods for the Analysis of Water and Wastes, Method 200.7, Method 200.8.

Soil Samples: USEPA Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 6010D.

Mercury:

Cold Vapor Atomic Absorption Spectrometry

Wastewater and Groundwater Samples: USEPA Methods for the Analysis of Water and Wastes, Method 245.1.

Soil Samples: USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 7471B.

Volatile Organic Compounds:

Purge and Trap Gas Chromatography/Mass Spectrometry

Drinking Water Samples: USEPA Methods for the Determination of Organic Compounds in Drinking Water, Method 524.2.

Wastewater Samples: USEPA Methods for the Analysis of Water and Wastes, Method 624.1, Method 8260C.

Soil and Groundwater Samples: USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8260C.

Semi-Volatile Organic Compounds:

Gas Chromatography/Mass Spectrometry

Wastewater Samples: USEPA Methods for the Analysis of Water and Wastes, Method 625.1, Method 8270D.

Soil and Groundwater Samples: USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8270D.

PFAS Compounds:

Liquid Chromatography/Tandem Mass Spectrometry

Drinking Water Samples: USEPA Methods for the Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS), Method 537.

Pesticides:

Gas Chromatography/Electron Capture Detector

Wastewater Samples: USEPA Methods for the Analysis of Water and Wastes, Method 608.3, Method 8081B.

Soil and Groundwater Samples: USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8081B.

Polychlorinated Biphenyls (PCBs):

Gas Chromatography/Electron Capture Detector

Wastewater Samples: USEPA Methods for the Analysis of Water and Wastes, Method 608.3, Method 8082A.

Soil and Groundwater Samples: USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8082A.

General Chemistry Methods:

Various general chemistry methods are taken from "Standard Methods for the Examination of Water and Wastewater, 19th Edition".

Specific method citations can be found on the Analytical Results Summary page of this report listed under 'Method'.

** A complete list of APL's certified Methods are accessible on the [Standards And Docs](#) page of the Results Retrieval System

MDL:

Method Detection Limit. The minimum reportable concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The value is calculated from the analysis of seven replicates of a spike sample. On analytical reports this value is corrected for percent moisture and any concentration or dilution factors.

RL:

Reporting Limit. The Concentration of the lowest calibration standard that was included in the initial calibration of the instrument. On analytical reports this value is corrected for percent moisture and any concentration or dilution factors.

Concentration (Conc) / Result:

If the compound is detected, the measured concentration is reported. If this column is left blank, or contains a 'less than' (<) symbol, the compound was not detected.

Tentatively Identified Compound (TIC):

A TIC is a non-targeted compound, not included in the calibration, identified by a mass spectral library search.

Qualifiers:

- U:** Indicates the compound was analyzed for but was not detected.
- J:** Indicates an estimated value. All tentatively identified compounds (TICs) and results below the RL receive this qualifier.
- B:** Indicates the analyte was found in the method blank as well as the sample.
- N:** Used when reporting a specific tentatively identified compound.
- E:** Indicates that the concentration of the compound exceeds the calibration range of the instrument. The results of a diluted analysis will also be reported. The results of the dilution should be used for those compounds exceeding the calibration range in the undiluted analysis.

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name: Aqua Pro-Tech Laboratories

Client: Sesi Consulting Engineers

Project Location: 3 North Castle Dr.

Project Number: 2051267

Laboratory Sample ID(s): 01-05

Sampling Date(s): May 24, 2022

List DKQP Methods Used: SW 846 6010D; SW 846 8081B; Gravimetric

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☒ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☒ No
5	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☒ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for Data of Known Quality.



AQUA PRO-TECH LABORATORIES

Certified Environmental Testing

QUALITY CONTROL Conformance/Non-Conformance Summary

ANALYSIS: INORGANICS [6010D]

COMMENTS:

All samples met QC criteria.

ANALYSIS: PESTICIDES [8081B]

COMMENTS:

The matrix spike recoveries for 4,4'-DDT and Dieldrin were outside QC limits (high).

Reviewed By: _____

Brian Wood - Laboratory Director

(JM)

6/16/2022

Date

For any questions about your Quality Control, please call us at 973-227-0422

Positive Results Only Summary

2051267-01 (Soil)

Sample Name: SS-1

SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	52.3		0.134	1.88	mg/kg dry	1	5/31/22 10:45
Lead	190		0.157	1.88	mg/kg dry	1	5/31/22 10:45

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD	0.0238		0.000900	0.00197	mg/kg dry	1	5/29/22 17:05
4,4'-DDE [2C]	6.57	D	0.108	0.197	mg/kg dry	100	6/1/22 22:45
4,4'-DDT	3.39	D	0.139	0.197	mg/kg dry	100	6/1/22 22:45
Dieldrin [2C]	0.167	J, D	0.103	0.197	mg/kg dry	100	6/1/22 22:45

2051267-02 (Soil)

Sample Name: SS-2

SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	33.9		0.133	1.86	mg/kg dry	1	5/31/22 10:48
Lead	116		0.155	1.86	mg/kg dry	1	5/31/22 10:48

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD	0.0387		0.000867	0.00189	mg/kg dry	1	5/29/22 17:27
4,4'-DDE [2C]	2.52	D	0.104	0.189	mg/kg dry	100	6/1/22 22:23
4,4'-DDT [2C]	0.939	D	0.134	0.189	mg/kg dry	100	6/1/22 22:23
Dieldrin	0.0301		0.000991	0.00189	mg/kg dry	1	5/29/22 17:27

2051267-03 (Soil)

Sample Name: SS-3

SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	36.2		0.112	1.57	mg/kg dry	1	5/31/22 10:51
Lead	95.7		0.131	1.57	mg/kg dry	1	5/31/22 10:51

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD [2C]	0.0641		0.000731	0.00160	mg/kg dry	1	5/29/22 17:49
4,4'-DDE [2C]	0.770	D	0.0437	0.0798	mg/kg dry	50	6/1/22 22:01
4,4'-DDT [2C]	0.148	D	0.0564	0.0798	mg/kg dry	50	6/1/22 22:01

2051267-04 (Soil)

Sample Name: SS-4

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, RL - Reporting limit



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Positive Results Only Summary

2051267-04 (Soil)

Sample Name: **SS-4**

SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	14.5		0.113	1.59	mg/kg dry	1	5/31/22 10:53
Lead	51.2		0.133	1.59	mg/kg dry	1	5/31/22 10:53

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD [2C]	0.0476		0.000750	0.00164	mg/kg dry	1	5/29/22 18:12
4,4'-DDE [2C]	0.317	D	0.00896	0.0164	mg/kg dry	10	6/1/22 21:39
4,4'-DDT	0.0664		0.00116	0.00164	mg/kg dry	1	5/29/22 18:12

2051267-05 (Soil)

Sample Name: **SS-5**

SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	3.75		0.112	1.58	mg/kg dry	1	5/31/22 10:56
Lead	37.5		0.131	1.58	mg/kg dry	1	5/31/22 10:56

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDT	0.00192		0.00119	0.00168	mg/kg dry	1	5/29/22 18:34

ND - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, RL - Reporting limit

All Results Summary

Client: Sesi Consulting Engineers
Project: 3 North Castle Dr.

Work Order: 2051267
Date to Lab: 5/24/2022 4:51:00PM

2051267-01 (Soil) Sample Name: **SS-1** Collected: **5/24/2022 12:10:00PM**

SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	52.3		0.134	1.88	mg/kg	1	5/31/22 10:45
Lead	190		0.157	1.88	mg/kg	1	5/31/22 10:45

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD	0.0238		0.000900	0.00197	mg/kg	1	5/29/22 17:05
4,4'-DDE [2C]	6.57	D	0.108	0.197	mg/kg	100	6/1/22 22:45
4,4'-DDT	3.39	D	0.139	0.197	mg/kg	100	6/1/22 22:45
Aldrin	ND	U	0.000932	0.00197	mg/kg	1	5/29/22 17:05
alpha-BHC	ND	U	0.000586	0.00197	mg/kg	1	5/29/22 17:05
beta-BHC	ND	U	0.000940	0.00197	mg/kg	1	5/29/22 17:05
Chlordane	ND	U	0.000875	0.00197	mg/kg	1	5/29/22 17:05
delta-BHC	ND	U	0.000914	0.00197	mg/kg	1	5/29/22 17:05
Dieldrin [2C]	0.167	J, D	0.103	0.197	mg/kg	100	6/1/22 22:45
Endosulfan I	ND	U	0.000929	0.00197	mg/kg	1	5/29/22 17:05
Endosulfan II	ND	U	0.000894	0.00197	mg/kg	1	5/29/22 17:05
Endosulfan sulfate	ND	U	0.000740	0.00197	mg/kg	1	5/29/22 17:05
Endosulfans, Total (alpha and beta)	ND	U	0.000894	0.00197	mg/kg	1	5/29/22 17:05
Endrin	ND	U	0.000679	0.00197	mg/kg	1	5/29/22 17:05
Endrin aldehyde	ND	U	0.000784	0.00197	mg/kg	1	5/29/22 17:05
Endrin ketone	ND	U	0.000693	0.00197	mg/kg	1	5/29/22 17:05
gamma-BHC (Lindane)	ND	U	0.000623	0.00197	mg/kg	1	5/29/22 17:05
Heptachlor	ND	U	0.000527	0.00197	mg/kg	1	5/29/22 17:05
Heptachlor Epoxide	ND	U	0.000993	0.00197	mg/kg	1	5/29/22 17:05
Methoxychlor	ND	U	0.000577	0.00197	mg/kg	1	5/29/22 17:05
Toxaphene	ND	U	0.0948	0.0999	mg/kg	1	5/29/22 17:05

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	66.1				%	1	5/25/22 11:11

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, RL - Reporting limit



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client: Sesi Consulting Engineers
Project: 3 North Castle Dr.

Work Order: 2051267
Date to Lab: 5/24/2022 4:51:00PM

2051267-02 (Soil)	Sample Name: SS-2	Collected: 5/24/2022 12:20:00PM
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SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	33.9		0.133	1.86	mg/kg	1	5/31/22 10:48
Lead	116		0.155	1.86	mg/kg	1	5/31/22 10:48

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD	0.0387		0.000867	0.00189	mg/kg	1	5/29/22 17:27
4,4'-DDE [2C]	2.52	D	0.104	0.189	mg/kg	100	6/1/22 22:23
4,4'-DDT [2C]	0.939	D	0.134	0.189	mg/kg	100	6/1/22 22:23
Aldrin	ND	U	0.000898	0.00189	mg/kg	1	5/29/22 17:27
alpha-BHC	ND	U	0.000564	0.00189	mg/kg	1	5/29/22 17:27
beta-BHC	ND	U	0.000905	0.00189	mg/kg	1	5/29/22 17:27
Chlordane	ND	U	0.000843	0.00189	mg/kg	1	5/29/22 17:27
delta-BHC	ND	U	0.000880	0.00189	mg/kg	1	5/29/22 17:27
Dieldrin	0.0301		0.000991	0.00189	mg/kg	1	5/29/22 17:27
Endosulfan I	ND	U	0.000895	0.00189	mg/kg	1	5/29/22 17:27
Endosulfan II	ND	U	0.000861	0.00189	mg/kg	1	5/29/22 17:27
Endosulfan sulfate	ND	U	0.000713	0.00189	mg/kg	1	5/29/22 17:27
Endosulfans, Total (alpha and beta)	ND	U	0.000861	0.00189	mg/kg	1	5/29/22 17:27
Endrin	ND	U	0.000654	0.00189	mg/kg	1	5/29/22 17:27
Endrin aldehyde	ND	U	0.000755	0.00189	mg/kg	1	5/29/22 17:27
Endrin ketone	ND	U	0.000668	0.00189	mg/kg	1	5/29/22 17:27
gamma-BHC (Lindane)	ND	U	0.000601	0.00189	mg/kg	1	5/29/22 17:27
Heptachlor	ND	U	0.000507	0.00189	mg/kg	1	5/29/22 17:27
Heptachlor Epoxide	ND	U	0.000956	0.00189	mg/kg	1	5/29/22 17:27
Methoxychlor	ND	U	0.000555	0.00189	mg/kg	1	5/29/22 17:27
Toxaphene	ND	U	0.0913	0.0962	mg/kg	1	5/29/22 17:27

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	68.6				%	1	5/25/22 11:11

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, RL - Reporting limit



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client: Sesi Consulting Engineers
Project: 3 North Castle Dr.

Work Order: 2051267
Date to Lab: 5/24/2022 4:51:00PM

2051267-03 (Soil)	Sample Name: SS-3	Collected: 5/24/2022 12:30:00PM
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SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	36.2		0.112	1.57	mg/kg	1	5/31/22 10:51
Lead	95.7		0.131	1.57	mg/kg	1	5/31/22 10:51

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD [2C]	0.0641		0.000731	0.00160	mg/kg	1	5/29/22 17:49
4,4'-DDE [2C]	0.770	D	0.0437	0.0798	mg/kg	50	6/1/22 22:01
4,4'-DDT [2C]	0.148	D	0.0564	0.0798	mg/kg	50	6/1/22 22:01
Aldrin	ND	U	0.000757	0.00160	mg/kg	1	5/29/22 17:49
alpha-BHC	ND	U	0.000475	0.00160	mg/kg	1	5/29/22 17:49
beta-BHC	ND	U	0.000763	0.00160	mg/kg	1	5/29/22 17:49
Chlordane	ND	U	0.000710	0.00160	mg/kg	1	5/29/22 17:49
delta-BHC	ND	U	0.000742	0.00160	mg/kg	1	5/29/22 17:49
Dieldrin	ND	U	0.000835	0.00160	mg/kg	1	5/29/22 17:49
Endosulfan I	ND	U	0.000754	0.00160	mg/kg	1	5/29/22 17:49
Endosulfan II	ND	U	0.000726	0.00160	mg/kg	1	5/29/22 17:49
Endosulfan sulfate	ND	U	0.000601	0.00160	mg/kg	1	5/29/22 17:49
Endosulfans, Total (alpha and beta)	ND	U	0.000726	0.00160	mg/kg	1	5/29/22 17:49
Endrin	ND	U	0.000551	0.00160	mg/kg	1	5/29/22 17:49
Endrin aldehyde	ND	U	0.000636	0.00160	mg/kg	1	5/29/22 17:49
Endrin ketone	ND	U	0.000562	0.00160	mg/kg	1	5/29/22 17:49
gamma-BHC (Lindane)	ND	U	0.000506	0.00160	mg/kg	1	5/29/22 17:49
Heptachlor	ND	U	0.000427	0.00160	mg/kg	1	5/29/22 17:49
Heptachlor Epoxide	ND	U	0.000806	0.00160	mg/kg	1	5/29/22 17:49
Methoxychlor	ND	U	0.000468	0.00160	mg/kg	1	5/29/22 17:49
Toxaphene	ND	U	0.0769	0.0811	mg/kg	1	5/29/22 17:49

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	81.4				%	1	5/25/22 11:11

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, RL - Reporting limit



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client: Sesi Consulting Engineers
Project: 3 North Castle Dr.

Work Order: 2051267
Date to Lab: 5/24/2022 4:51:00PM

2051267-04 (Soil)	Sample Name: SS-4	Collected: 5/24/2022 12:35:00PM
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SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	14.5		0.113	1.59	mg/kg	1	5/31/22 10:53
Lead	51.2		0.133	1.59	mg/kg	1	5/31/22 10:53

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD [2C]	0.0476		0.000750	0.00164	mg/kg	1	5/29/22 18:12
4,4'-DDE [2C]	0.317	D	0.00896	0.0164	mg/kg	10	6/1/22 21:39
4,4'-DDT	0.0664		0.00116	0.00164	mg/kg	1	5/29/22 18:12
Aldrin	ND	U	0.000776	0.00164	mg/kg	1	5/29/22 18:12
alpha-BHC	ND	U	0.000488	0.00164	mg/kg	1	5/29/22 18:12
beta-BHC	ND	U	0.000782	0.00164	mg/kg	1	5/29/22 18:12
Chlordane	ND	U	0.000728	0.00164	mg/kg	1	5/29/22 18:12
delta-BHC	ND	U	0.000761	0.00164	mg/kg	1	5/29/22 18:12
Dieldrin	ND	U	0.000857	0.00164	mg/kg	1	5/29/22 18:12
Endosulfan I	ND	U	0.000774	0.00164	mg/kg	1	5/29/22 18:12
Endosulfan II	ND	U	0.000745	0.00164	mg/kg	1	5/29/22 18:12
Endosulfan sulfate	ND	U	0.000616	0.00164	mg/kg	1	5/29/22 18:12
Endosulfans, Total (alpha and beta)	ND	U	0.000745	0.00164	mg/kg	1	5/29/22 18:12
Endrin	ND	U	0.000566	0.00164	mg/kg	1	5/29/22 18:12
Endrin aldehyde	ND	U	0.000653	0.00164	mg/kg	1	5/29/22 18:12
Endrin ketone	ND	U	0.000577	0.00164	mg/kg	1	5/29/22 18:12
gamma-BHC (Lindane)	ND	U	0.000519	0.00164	mg/kg	1	5/29/22 18:12
Heptachlor	ND	U	0.000438	0.00164	mg/kg	1	5/29/22 18:12
Heptachlor Epoxide	ND	U	0.000826	0.00164	mg/kg	1	5/29/22 18:12
Methoxychlor	ND	U	0.000480	0.00164	mg/kg	1	5/29/22 18:12
Toxaphene	ND	U	0.0789	0.0831	mg/kg	1	5/29/22 18:12

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	79.4				%	1	5/25/22 11:11

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, RL - Reporting limit



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

All Results Summary

Client: Sesi Consulting Engineers
Project: 3 North Castle Dr.

Work Order: 2051267
Date to Lab: 5/24/2022 4:51:00PM

2051267-05 (Soil)	Sample Name: SS-5	Collected: 5/24/2022 12:45:00PM
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SW 846 6010D - Total Metals

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Arsenic	3.75		0.112	1.58	mg/kg	1	5/31/22 10:56
Lead	37.5		0.131	1.58	mg/kg	1	5/31/22 10:56

SW 846 8081B - Pesticides

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
4,4'-DDD	ND	U	0.000769	0.00168	mg/kg	1	5/29/22 18:34
4,4'-DDE	ND	U	0.000919	0.00168	mg/kg	1	5/29/22 18:34
4,4'-DDT	0.00192		0.00119	0.00168	mg/kg	1	5/29/22 18:34
Aldrin	ND	U	0.000796	0.00168	mg/kg	1	5/29/22 18:34
alpha-BHC	ND	U	0.000500	0.00168	mg/kg	1	5/29/22 18:34
beta-BHC	ND	U	0.000802	0.00168	mg/kg	1	5/29/22 18:34
Chlordane	ND	U	0.000747	0.00168	mg/kg	1	5/29/22 18:34
delta-BHC	ND	U	0.000780	0.00168	mg/kg	1	5/29/22 18:34
Dieldrin	ND	U	0.000878	0.00168	mg/kg	1	5/29/22 18:34
Endosulfan I	ND	U	0.000793	0.00168	mg/kg	1	5/29/22 18:34
Endosulfan II	ND	U	0.000763	0.00168	mg/kg	1	5/29/22 18:34
Endosulfan sulfate	ND	U	0.000632	0.00168	mg/kg	1	5/29/22 18:34
Endosulfans, Total (alpha and beta)	ND	U	0.000763	0.00168	mg/kg	1	5/29/22 18:34
Endrin	ND	U	0.000580	0.00168	mg/kg	1	5/29/22 18:34
Endrin aldehyde	ND	U	0.000669	0.00168	mg/kg	1	5/29/22 18:34
Endrin ketone	ND	U	0.000592	0.00168	mg/kg	1	5/29/22 18:34
gamma-BHC (Lindane)	ND	U	0.000532	0.00168	mg/kg	1	5/29/22 18:34
Heptachlor	ND	U	0.000450	0.00168	mg/kg	1	5/29/22 18:34
Heptachlor Epoxide	ND	U	0.000847	0.00168	mg/kg	1	5/29/22 18:34
Methoxychlor	ND	U	0.000492	0.00168	mg/kg	1	5/29/22 18:34
Toxaphene	ND	U	0.0809	0.0853	mg/kg	1	5/29/22 18:34

Gravimetric - General Chemistry

Analyte	Result	Qual	MDL	RL	Units	Dilution	Analyzed
Percent Solids	77.4				%	1	5/25/22 11:11

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, **RL** - Reporting limit



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

METALS

Sesi Consulting Engineers

Work Order: 2051267

Project: 3 North Castle Dr.



ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: Blank
Lab Sample ID: B2E2648-BLK1
Project: 3 North Castle Dr.
Work Order: 2051267

Init/Final Vol: 2 g / 50 mL
Matrix: Soil

Prep Date: 5/26/2022 3:15:00PM
Prep Method: Hot Block ICP Soil

Total Metals - Soil (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Concentration	Units	RL	DF	Analyst Sequence/Batch
7440-38-2	Arsenic	06/01/2022 15:55	ND	mg/kg wet	1.25	1	MS /B2E2648
7439-92-1	Lead	06/01/2022 15:55	ND	mg/kg wet	1.25	1	MS /B2E2648

ND - Indicates compound analyzed for but not detected

RL - Reporting limit
DF - Dilution Factor

F-I

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: Calibration Blank
Lab Sample ID: S2E3111-CCB1
Project: 3 North Castle Dr.
Work Order: 2051267

Init/Final Vol:	N/A	Prep Date:	5/31/2022 7:00:31AM
Matrix:	Soil	Prep Method:	

Total Metals - Aqueous (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Concentration	Units	RL	DF	Analyst Sequence/Batch	
7440-38-2	Arsenic	05/31/2022 10:25	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111
7439-92-1	Lead	05/31/2022 10:25	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111

ND - Indicates compound analyzed for but not detected

RL - Reporting limit
DF - Dilution Factor

F-I

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: Calibration Blank
Lab Sample ID: S2E3111-CCB2
Project: 3 North Castle Dr.
Work Order: 2051267

Init/Final Vol:	N/A	Prep Date:	5/31/2022 7:00:31AM
Matrix:	Soil	Prep Method:	

Total Metals - Aqueous (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Concentration	Units	RL	DF	Analyst Sequence/Batch	
7440-38-2	Arsenic	05/31/2022 11:14	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111
7439-92-1	Lead	05/31/2022 11:14	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111

ND - Indicates compound analyzed for but not detected

RL - Reporting limit
DF - Dilution Factor

F-I

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: Calibration Blank
Lab Sample ID: S2E3111-CCB3
Project: 3 North Castle Dr.
Work Order: 2051267

Init/Final Vol:	N/A	Prep Date:	5/31/2022 7:00:31AM
Matrix:	Soil	Prep Method:	

Total Metals - Aqueous (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Concentration	Units	RL	DF	Analyst Sequence/Batch	
7440-38-2	Arsenic	05/31/2022 11:48	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111
7439-92-1	Lead	05/31/2022 11:48	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111

ND - Indicates compound analyzed for but not detected

RL - Reporting limit
DF - Dilution Factor

F-I

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: Calibration Blank
Lab Sample ID: S2E3111-CCB4
Project: 3 North Castle Dr.
Work Order: 2051267

Init/Final Vol: N/A
Matrix: Soil

Prep Date: 5/31/2022 7:00:31AM
Prep Method:

Total Metals - Aqueous (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Concentration	Units	RL	DF	Analyst Sequence/Batch	
7440-38-2	Arsenic	05/31/2022 12:23	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111
7439-92-1	Lead	05/31/2022 12:23	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111

9
9.1.

ND - Indicates compound analyzed for but not detected

RL - Reporting limit
DF - Dilution Factor

F-I

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: Calibration Blank
Lab Sample ID: S2E3111-CCB5
Project: 3 North Castle Dr.
Work Order: 2051267

Init/Final Vol: N/A
Matrix: Soil

Prep Date: 5/31/2022 7:00:31AM
Prep Method:

Total Metals - Aqueous (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Concentration	Units	RL	DF	Analyst Sequence/Batch	
7440-38-2	Arsenic	05/31/2022 13:40	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111
7439-92-1	Lead	05/31/2022 13:40	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111

9
9.1.

ND - Indicates compound analyzed for but not detected

RL - Reporting limit
DF - Dilution Factor

F-I

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: Initial Cal Blank
Lab Sample ID: S2E3111-ICB1
Project: 3 North Castle Dr.
Work Order: 2051267

Init/Final Vol:	N/A	Prep Date:	5/31/2022 7:00:31AM
Matrix:	Soil	Prep Method:	

Total Metals - Aqueous (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Concentration	Units	RL	DF	Analyst Sequence/Batch	
7440-38-2	Arsenic	05/31/2022 09:16	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111
7439-92-1	Lead	05/31/2022 09:16	ND	mg/L	0.0500	1	MS	S2E3111/S2E3111

ND - Indicates compound analyzed for but not detected

RL - Reporting limit
DF - Dilution Factor

F-I

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: SS-1
Lab Sample ID: 2051267-01
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:10	Prep Date:	05/26/22 15:15
Init/Final Vol:	2.01 g / 50 mL	Prep Method:	Hot Block ICP Soil
Matrix:	Soil		
Percent Solids:	66.08		

Total Metals - Soil (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Conc.	Units	RL	DF	Qual	Analyst	Sequence/Batch
7440-38-2	Arsenic	05/31/22 10:45	52.3	mg/kg dry	1.88	1		MS	S2E3111/B2E2648
7439-92-1	Lead	05/31/22 10:45	190	mg/kg dry	1.88	1		MS	S2E3111/B2E2648

9
9.2.

ND, U - Indicates compound analyzed for but not detected
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
H - Indicates a Hold Time violation

F-I

RL - Reporting limit
DF - Dilution Factor
B - Indicates compound found in associated blank

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: SS-2
Lab Sample ID: 2051267-02
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:20	Prep Date:	05/26/22 15:15
Init/Final Vol:	1.96 g / 50 mL	Prep Method:	Hot Block ICP Soil
Matrix:	Soil		
Percent Solids:	68.61		

Total Metals - Soil (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Conc.	Units	RL	DF	Qual	Analyst	Sequence/Batch
7440-38-2	Arsenic	05/31/22 10:48	33.9	mg/kg dry	1.86	1		MS	S2E3111/B2E2648
7439-92-1	Lead	05/31/22 10:48	116	mg/kg dry	1.86	1		MS	S2E3111/B2E2648

9
9.2.

ND, U - Indicates compound analyzed for but not detected
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
H - Indicates a Hold Time violation

RL - Reporting limit
DF - Dilution Factor
B - Indicates compound found in associated blank

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: SS-3
Lab Sample ID: 2051267-03
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:30	Prep Date:	05/26/22 15:15
Init/Final Vol:	1.95 g / 50 mL	Prep Method:	Hot Block ICP Soil
Matrix:	Soil		
Percent Solids:	81.43		

Total Metals - Soil (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Conc.	Units	RL	DF	Qual	Analyst	Sequence/Batch
7440-38-2	Arsenic	05/31/22 10:51	36.2	mg/kg dry	1.57	1		MS	S2E3111/B2E2648
7439-92-1	Lead	05/31/22 10:51	95.7	mg/kg dry	1.57	1		MS	S2E3111/B2E2648

9
9.2.

ND, U - Indicates compound analyzed for but not detected
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
H - Indicates a Hold Time violation

RL - Reporting limit
DF - Dilution Factor
B - Indicates compound found in associated blank

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: SS-4
Lab Sample ID: 2051267-04
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:35	Prep Date:	05/26/22 15:15
Init/Final Vol:	1.98 g / 50 mL	Prep Method:	Hot Block ICP Soil
Matrix:	Soil		
Percent Solids:	79.38		

Total Metals - Soil (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Conc.	Units	RL	DF	Qual	Analyst	Sequence/Batch
7440-38-2	Arsenic	05/31/22 10:53	14.5	mg/kg dry	1.59	1		MS	S2E3111/B2E2648
7439-92-1	Lead	05/31/22 10:53	51.2	mg/kg dry	1.59	1		MS	S2E3111/B2E2648

9
9.2.

ND, U - Indicates compound analyzed for but not detected
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
H - Indicates a Hold Time violation

RL - Reporting limit
DF - Dilution Factor
B - Indicates compound found in associated blank

ANALYSIS DATA SHEET

Client: Sesi Consulting Engineers
Client Sample ID: SS-5
Lab Sample ID: 2051267-05
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:45	Prep Date:	05/26/22 15:15
Init/Final Vol:	2.05 g / 50 mL	Prep Method:	Hot Block ICP Soil
Matrix:	Soil		
Percent Solids:	77.41		

Total Metals - Soil (SW 846 6010D)

CAS NO.	Analyte	Analyzed	Conc.	Units	RL	DF	Qual	Analyst	Sequence/Batch
7440-38-2	Arsenic	05/31/22 10:56	3.75	mg/kg dry	1.58	1		MS	S2E3111/B2E2648
7439-92-1	Lead	05/31/22 10:56	37.5	mg/kg dry	1.58	1		MS	S2E3111/B2E2648

9
9.2.

ND, U - Indicates compound analyzed for but not detected
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
H - Indicates a Hold Time violation

RL - Reporting limit
DF - Dilution Factor
B - Indicates compound found in associated blank

Total Metals - Quality Control
Aqua Pro-Tech Laboratories

Batch B2E2648			Method: SW 846 6010D			Prepared: 05/26/2022		
B2E2648-BS1			Source:					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Arsenic	11.7	mg/kg wet	12.4		94.4	80-120		
Lead	11.0	mg/kg wet	12.5		88.2	80-120		

Batch B2E2648 (cont.)			Method: SW 846 6010D			Prepared: 05/26/2022		
B2E2648-DUP1			Source: 2051269-01					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Arsenic	ND	mg/kg		ND				20
Lead	4.45	mg/kg dry		4.31			3.04	20

Batch B2E2648 (cont.)			Method: SW 846 6010D			Prepared: 05/26/2022		
B2E2648-MS1			Source: 2051269-01					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Arsenic	12.0	mg/kg dry	13.6	0.580 J	83.7	75-125		
Lead	15.2	mg/kg dry	13.7	4.31	79.6	75-125		

Batch B2E2648 (cont.)			Method: SW 846 6010D			Prepared: 05/26/2022		
B2E2648-MSD1			Source: 2051269-01					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Arsenic	12.0	mg/kg dry	13.6	0.580 J	83.7	75-125	0.00	20
Lead	15.3	mg/kg dry	13.7	4.31	80.0	75-125	0.360	20

Batch B2E2648 (cont.)			Method: SW 846 6010D			Prepared: 05/26/2022		
B2E2648-PS1			Source: 2051269-01					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Arsenic	0.479	mg/L	0.497	ND	92.1	75-125		
Lead	0.565	mg/L	0.500	0.157 J	81.6	75-125		

* - Outside of QC Limits

J - Result is between the MDL and RL for an Analysis reported to an RL

NC - Outside the recovery criteria but Spike Amount <1/4 amount found in Source Sample

F-III

Total Metals - Quality Control
Aqua Pro-Tech Laboratories

Sequence S2E3111	Method: SW 846 6010D	Prepared: 05/26/2022
S2E3111-SRD1	Source: 2051269-01	

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Arsenic	ND	mg/kg dry		0.580 J				20
Lead	ND	mg/kg dry		4.31				20

9
9.3.

* - Outside of QC Limits J - Result is between the MDL and RL for an Analysis reported to an RL
 NC - Outside the recovery criteria but Spike Amount <1/4 amount found in Source Sample

F-III

METHOD BLANK SUMMARY

Batch ID: B2E2648

<u>Lab Number</u>	<u>Sample Id</u>	<u>Extraction Date</u>	<u>Analysis Date</u>
B2E2648-BLK1	BLK1	05/26/2022	06/01/2022 15:55
B2E2648-BS1	BS1	05/26/2022	06/01/2022 15:57
B2E2648-DUP1	DUP1	05/26/2022	06/01/2022 16:00
B2E2648-MS1	MS1	05/26/2022	06/01/2022 16:02
B2E2648-MSD1	MSD1	05/26/2022	06/01/2022 16:05
B2E2648-PS1	PS1	05/26/2022	06/01/2022 16:08
2051267-01	SS-1	05/26/2022	05/31/2022 10:45
2051267-02	SS-2	05/26/2022	05/31/2022 10:48
2051267-03	SS-3	05/26/2022	05/31/2022 10:51
2051267-04	SS-4	05/26/2022	05/31/2022 10:53
2051267-05	SS-5	05/26/2022	05/31/2022 10:56

9
9.4.

ANALYSIS SEQUENCE SUMMARY

Laboratory: Aqua Pro-Tech Laboratories Work Order: 2051267
Client: Sesi Consulting Engineers Project: 3 North Castle Dr.
Sequence: Instrument:

Sample Name	Lab Sample ID	FileID	Analysis Date/Time
Blank	B2E2648-BLK1	APL-METHOD_IEC-2022-06-01	06/01/22 15:55
LCS	B2E2648-BS1	APL-METHOD_IEC-2022-06-01	06/01/22 15:57
Duplicate	B2E2648-DUP1	APL-METHOD_IEC-2022-06-01	06/01/22 16:00
Matrix Spike	B2E2648-MS1	APL-METHOD_IEC-2022-06-01	06/01/22 16:02
Matrix Spike Dup	B2E2648-MSD1	APL-METHOD_IEC-2022-06-01	06/01/22 16:05
Post Spike	B2E2648-PS1	APL-METHOD_IEC-2022-06-01	06/01/22 16:08

ANALYSIS SEQUENCE SUMMARY

Laboratory: Aqua Pro-Tech Laboratories Work Order: 2051267
Client: Sesi Consulting Engineers Project: 3 North Castle Dr.
Sequence: S2E3111 Instrument: ICP OES-1

Sample Name	Lab Sample ID	FileID	Analysis Date/Time
Secondary Cal Check	S2E3111-SCV1	APL-METHOD_IEC-2022-05-31	05/31/22 09:04
Initial Cal Blank	S2E3111-ICB1	APL-METHOD_IEC-2022-05-31	05/31/22 09:16
Interference Check A	S2E3111-IFA1	APL-METHOD_IEC-2022-05-31	05/31/22 09:18
Interference Check B	S2E3111-IFB1	APL-METHOD_IEC-2022-05-31	05/31/22 09:39
Calibration Check	S2E3111-CCV1	APL-METHOD_IEC-2022-05-31	05/31/22 10:21
Calibration Blank	S2E3111-CCB1	APL-METHOD_IEC-2022-05-31	05/31/22 10:25
SS-1	2051267-01	APL-METHOD_IEC-2022-05-31	05/31/22 10:45
SS-2	2051267-02	APL-METHOD_IEC-2022-05-31	05/31/22 10:48
SS-3	2051267-03	APL-METHOD_IEC-2022-05-31	05/31/22 10:51
SS-4	2051267-04	APL-METHOD_IEC-2022-05-31	05/31/22 10:53
SS-5	2051267-05	APL-METHOD_IEC-2022-05-31	05/31/22 10:56
Calibration Check	S2E3111-CCV3	APL-METHOD_IEC-2022-05-31	05/31/22 11:09
Calibration Blank	S2E3111-CCB2	APL-METHOD_IEC-2022-05-31	05/31/22 11:14
Calibration Check	S2E3111-CCV5	APL-METHOD_IEC-2022-05-31	05/31/22 11:43
Calibration Blank	S2E3111-CCB3	APL-METHOD_IEC-2022-05-31	05/31/22 11:48
Calibration Blank	S2E3111-CCB4	APL-METHOD_IEC-2022-05-31	05/31/22 12:23
Calibration Check	S2E3111-CCV7	APL-METHOD_IEC-2022-05-31	05/31/22 12:28
Calibration Check	S2E3111-CCV9	APL-METHOD_IEC-2022-05-31	05/31/22 13:29
Calibration Blank	S2E3111-CCB5	APL-METHOD_IEC-2022-05-31	05/31/22 13:40

F-V

ANALYSIS SEQUENCE SUMMARY

Laboratory: Aqua Pro-Tech Laboratories Work Order: 2051267
Client: Sesi Consulting Engineers Project: 3 North Castle Dr.
Sequence: S2E3111 Instrument: ICP OES-1

Sample Name	Lab Sample ID	FileID	Analysis Date/Time
Serial Dilution	S2E3111-SRD1		05/31/22 13:59

SEQUENCE CALIBRATION CHECKS

SW 846 6010D

Client: Sesi Consulting Engineers
Project: 3 North Castle Dr.
Work Order: 2051267

Sequence: S2E3111
Instrument: ICP OES-1

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S2E3111-SCV1	Arsenic	1.00	1.03	103	mg/L	90-110
	Lead	1.00	1.03	103	mg/L	90-110
S2E3111-IFB1	Arsenic	1.00	0.932	93.2	mg/L	80-120
	Lead	1.00	0.834	83.4	mg/L	80-120
S2E3111-CCV1	Arsenic	1.00	1.02	102	mg/L	90-110
	Lead	1.00	1.04	104	mg/L	90-110
S2E3111-CCV3	Arsenic	1.00	1.02	102	mg/L	90-110
	Lead	1.00	1.04	104	mg/L	90-110
S2E3111-CCV5	Arsenic	1.00	1.03	103	mg/L	90-110
	Lead	1.00	1.05	105	mg/L	90-110
S2E3111-CCV7	Arsenic	1.00	1.02	102	mg/L	90-110
	Lead	1.00	1.04	104	mg/L	90-110
S2E3111-CCV9	Arsenic	1.00	1.03	103	mg/L	90-110
	Lead	1.00	1.05	105	mg/L	90-110

ICV = Initial Cal Verification CCV = Continuing Cal Verification IFB = Interference Check Standard B
 SCV = Second Source Cal Verification LCV = Low Cal Check

F-VII



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

PESTICIDES

Sesi Consulting Engineers

Work Order: 2051267

Project: 3 North Castle Dr.

10

10.

ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: **Sesi Consulting Engineers**
 Client Sample ID: **Blank**
 Lab Sample ID: **B2E2507-BLK1**

Project: **3 North Castle Dr.**
 Work Order: **2051267**

Init/Final Vol:	15 g / 10 mL	Prep Date:	05/25/2022 08:02	File ID:	7T25731.D
		Prep Batch:	B2E2507	Analyzed:	05/26/2022 23:31
		Matrix:	Soil	Sequence:	S2E2727
		Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg wet)	MDL	RL	Qual
72-54-8	4,4'-DDD	ND	0.000595	0.00130	U
72-55-9	4,4'-DDE	ND	0.000711	0.00130	U
50-29-3	4,4'-DDT	ND	0.000918	0.00130	U
309-00-2	Aldrin	ND	0.000616	0.00130	U
319-84-6	alpha-BHC	ND	0.000387	0.00130	U
319-85-7	beta-BHC	ND	0.000621	0.00130	U
57-74-9	Chlordane	ND	0.000578	0.00130	U
319-86-8	delta-BHC	ND	0.000604	0.00130	U
60-57-1	Dieldrin	ND	0.000680	0.00130	U
959-98-8	Endosulfan I	ND	0.000614	0.00130	U
33213-65-9	Endosulfan II	ND	0.000591	0.00130	U
1031-07-8	Endosulfan sulfate	ND	0.000489	0.00130	U
115-29-7	Endosulfans, Total (alpha and beta)	ND	0.000591	0.00130	U
72-20-8	Endrin	ND	0.000449	0.00130	U
7421-93-4	Endrin aldehyde	ND	0.000518	0.00130	U
53494-70-5	Endrin ketone	ND	0.000458	0.00130	U
58-89-9	gamma-BHC (Lindane)	ND	0.000412	0.00130	U
76-44-8	Heptachlor	ND	0.000348	0.00130	U
1024-57-3	Heptachlor Epoxide	ND	0.000656	0.00130	U
72-43-5	Methoxychlor	ND	0.000381	0.00130	U
8001-35-2	Toxaphene	ND	0.0626	0.0660	U

F-I

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220526\7T25731.D\ECD1A.CH Vial: 22
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220526\7T25731.D\ECD2B.CH
 Acq On : 26 May 2022 23:31 Operator: sdp
 Sample : B2E2507-BLK1 Inst : HP G1530A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 27 15:15 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Fri May 27 14:53:52 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.72	4.37	2115.8E6	990.7E6	56.461	60.764
Spiked Amount	50.000	Range	43 - 129	Recovery	= 112.92%	121.53%
21) S Decachlorobiphen	15.89	18.40	1876.4E6	682.0E6	50.919	46.451
Spiked Amount	50.000	Range	42 - 136	Recovery	= 101.84%	92.90%
Target Compounds						
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

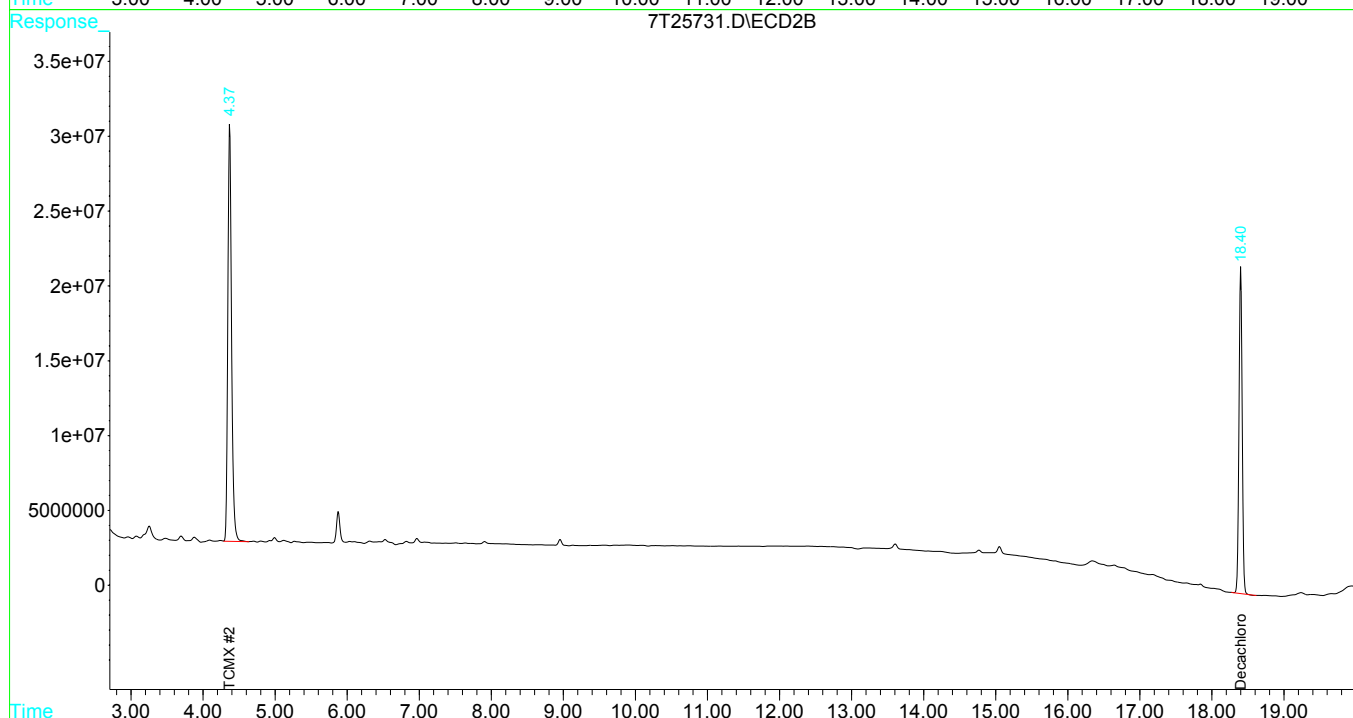
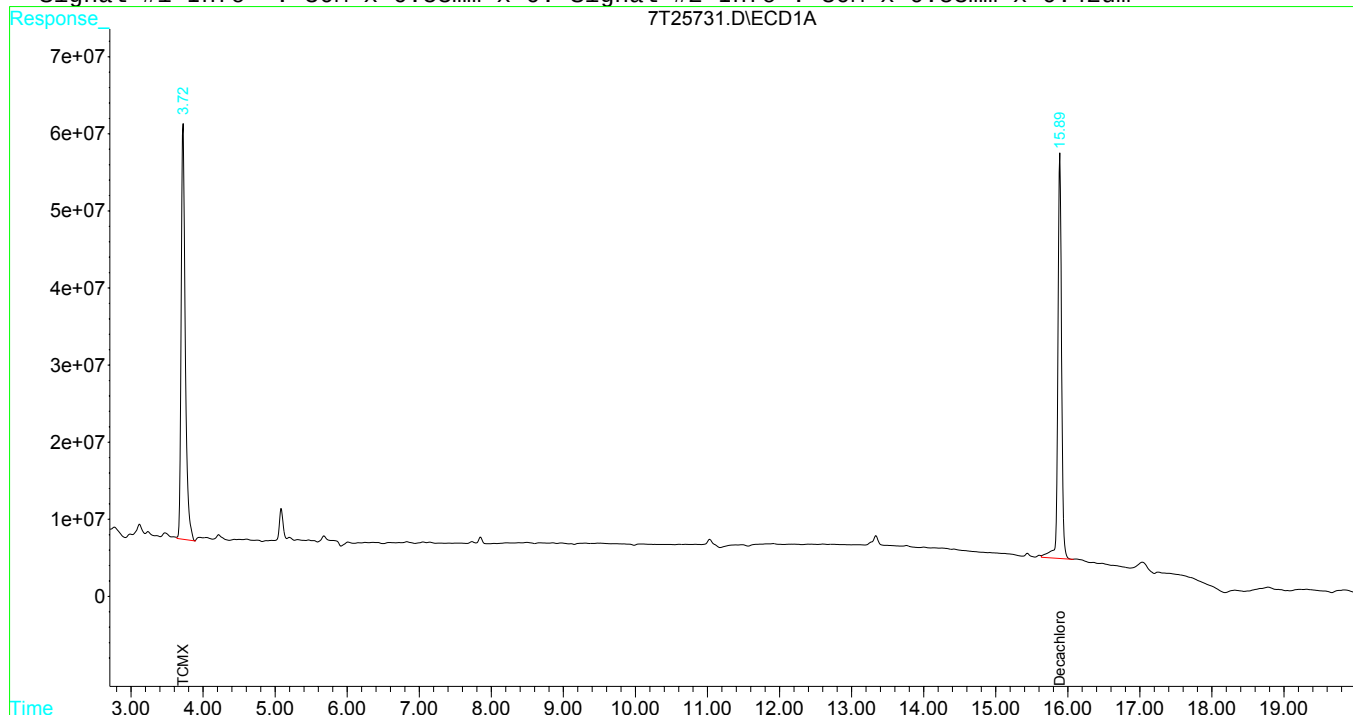
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 7T25731.D 80810519.M Fri May 27 16:01:48 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220526\7T25731.D\ECD1A.CH Vial: 22
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220526\7T25731.D\ECD2B.CH
 Acq On : 26 May 2022 23:31 Operator: sdp
 Sample : B2E2507-BLK1 Inst : HP G1530A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 27 15:15 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Fri May 27 14:53:52 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



7T25731.D 80810519.M Fri May 27 16:01:48 2022 SS

Page 2

ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: **Sesi Consulting Engineers**
 Client Sample ID: **SS-1**
 Lab Sample ID: **2051267-01**
 Project: **3 North Castle Dr.**
 Work Order: **2051267**

Date Sampled: 05/24/22 12:10	Prep Date: 05/25/22 08:02	File ID: 7T25782.D
Init/Final Vol: 15 g / 10 mL	Prep Batch: B2E2507	Analyzed: 05/29/22 17:05
Dilution: 1	Matrix: Soil	Sequence: S2F0108
Percent Solids: 66.08	Prep Method: Sonication GC	

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Qual
72-54-8	4,4'-DDD	0.0238	0.000900	0.00197	
309-00-2	Aldrin	ND	0.000932	0.00197	U
319-84-6	alpha-BHC	ND	0.000586	0.00197	U
319-85-7	beta-BHC	ND	0.000940	0.00197	U
57-74-9	Chlordane	ND	0.000875	0.00197	U
319-86-8	delta-BHC	ND	0.000914	0.00197	U
959-98-8	Endosulfan I	ND	0.000929	0.00197	U
33213-65-9	Endosulfan II	ND	0.000894	0.00197	U
1031-07-8	Endosulfan sulfate	ND	0.000740	0.00197	U
115-29-7	Endosulfans, Total (alpha and beta)	ND	0.000894	0.00197	U
72-20-8	Endrin	ND	0.000679	0.00197	U
7421-93-4	Endrin aldehyde	ND	0.000784	0.00197	U
53494-70-5	Endrin ketone	ND	0.000693	0.00197	U
58-89-9	gamma-BHC (Lindane)	ND	0.000623	0.00197	U
76-44-8	Heptachlor	ND	0.000527	0.00197	U
1024-57-3	Heptachlor Epoxide	ND	0.000993	0.00197	U
72-43-5	Methoxychlor	ND	0.000577	0.00197	U
8001-35-2	Toxaphene	ND	0.0948	0.0999	U

ND, U - Indicates compound analyzed for but not detected
 J - Indicates estimated value
 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
 H - Indicates a Hold Time violation
 P - Greater than 25% diff. between 2 GC columns.
 MDL - Minimum detection limit, RL - Reporting limit

F-I

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25782.D\ECD1A.CH Vial: 11
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25782.D\ECD2B.CH
 Acq On : 29 May 2022 17:05 Operator: sdp
 Sample : 2051267-01 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 1 11:18 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.75	4.40	1562.0E6	851.8E6	41.682m	52.241 #
Spiked Amount	50.000	Range	43 - 129	Recovery	=	83.36% 104.48%
21) S Decachlorobiphen	15.92	18.43	1623.7E6	526.6E6	44.062m	35.867m
Spiked Amount	50.000	Range	42 - 136	Recovery	=	88.12% 71.73%
Target Compounds						
10) 4,4'-DDE	8.26	10.44	109204.8E6	77977.3E6	2573.056m	4387.285m#
11) M Dieldrin	8.91	10.87	6443.4E6	3134.7E6	140.130m	159.074m
13) 4,4'-DDD	9.65	12.20	817.3E6	565.0E6	23.558m	37.261m#
15) M 4,4'-DDT	10.32	13.18	92288.1E6	51774.1E6	2484.326m	3437.967m#
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

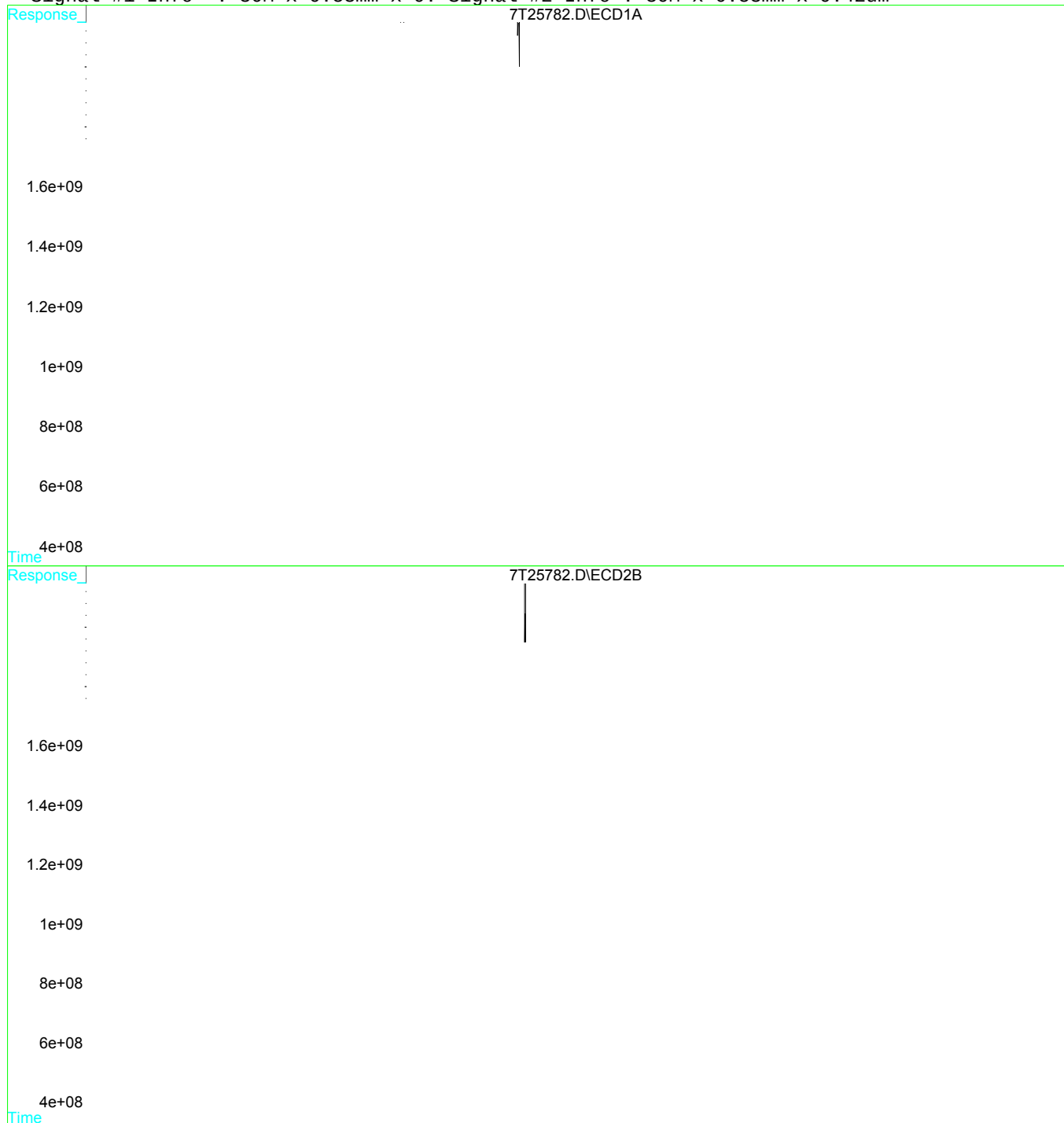
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25782.D 80810519.M Wed Jun 01 11:23:15 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25782.D\ECD1A.CH Vial: 11
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25782.D\ECD2B.CH
 Acq On : 29 May 2022 17:05 Operator: sdp
 Sample : 2051267-01 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 1 11:18 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: Sesi Consulting Engineers
Client Sample ID: SS-1
Lab Sample ID: 2051267-01RE1
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:10	Prep Date:	05/25/22 08:02	File ID:	7T25846.D
Init/Final Vol:	15 g / 10 mL	Prep Batch:	B2E2507	Analyzed:	06/01/22 22:45
Dilution:	100	Matrix:	Soil	Sequence:	S2F0213
Percent Solids:	66.08	Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Qual
72-55-9	4,4'-DDE [2C]	6.57	0.108	0.197	D
50-29-3	4,4'-DDT	3.39	0.139	0.197	D
60-57-1	Dieldrin [2C]	0.167	0.103	0.197	J, D

10
10.2.

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, **RL** - Reporting limit

F-I

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25846.D\ECD1A.CH Vial: 17
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25846.D\ECD2B.CH
 Acq On : 1 Jun 2022 22:45 Operator: sdp
 Sample : 2051267-01RE1 Inst : GCECD-7
 Misc : 100 x Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 15:46 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.75	4.40	27981107	11592667	0.747m	0.711m
Spiked Amount	50.000	Range	43 - 129	Recovery =	1.49%#	1.42%#
21) S Decachlorobiphen	15.94	18.45	19349377	7789184	0.525m	0.531m
Spiked Amount	50.000	Range	42 - 136	Recovery =	1.05%#	1.06%#
Target Compounds						
10) 4,4'-DDE	8.29	10.46	2854.7E6	1158.3E6	67.262	65.172
11) M Dieldrin	8.92	10.88	80068829	32626747	1.741	1.656
15) M 4,4'-DDT	10.34	13.19	1247.9E6	509.1E6	33.593	33.804
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

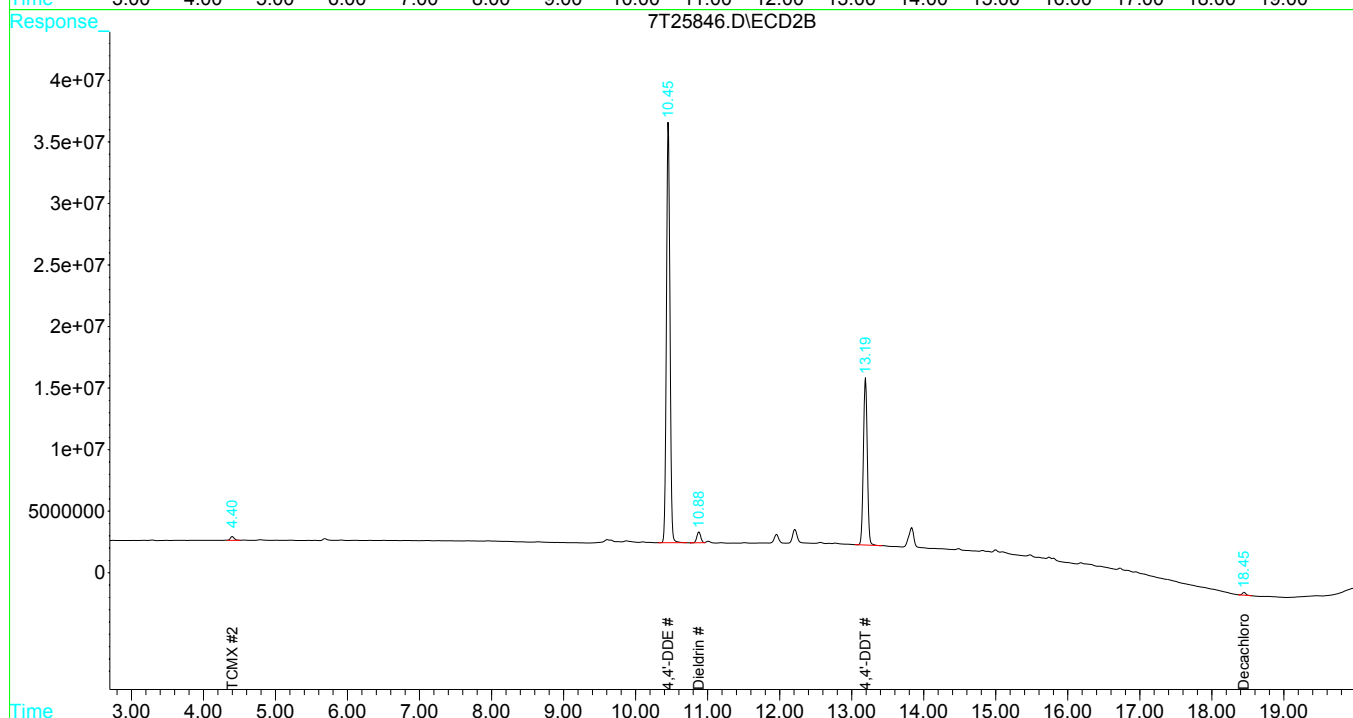
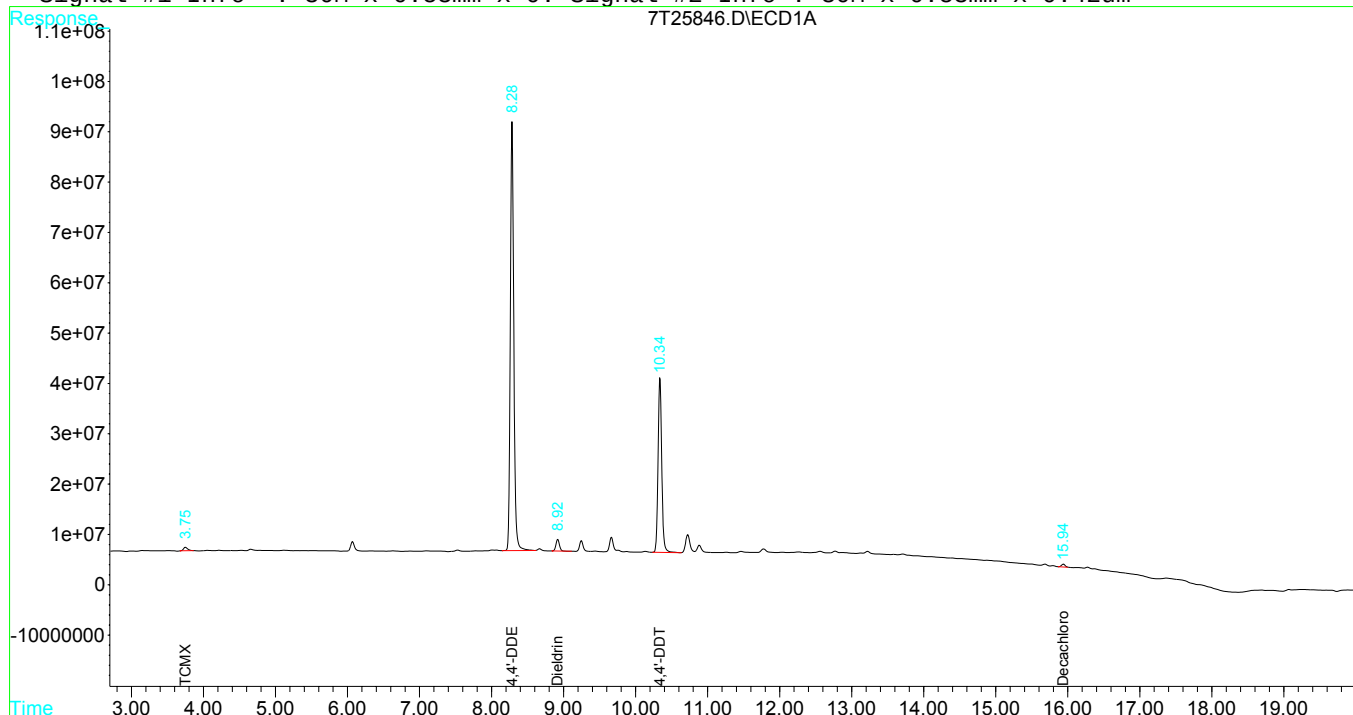
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 7T25846.D 80810519.M Thu Jun 02 17:27:49 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25846.D\ECD1A.CH Vial: 17
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25846.D\ECD2B.CH
 Acq On : 1 Jun 2022 22:45 Operator: sdp
 Sample : 2051267-01RE1 Inst : GCECD-7
 Misc : 100 x Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 15:46 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: **Sesi Consulting Engineers**
 Client Sample ID: **SS-2**
 Lab Sample ID: **2051267-02**
 Project: **3 North Castle Dr.**
 Work Order: **2051267**

Date Sampled: 05/24/22 12:20	Prep Date: 05/25/22 08:02	File ID: 7T25783.D
Init/Final Vol: 15 g / 10 mL	Prep Batch: B2E2507	Analyzed: 05/29/22 17:27
Dilution: 1	Matrix: Soil	Sequence: S2F0108
Percent Solids: 68.61	Prep Method: Sonication GC	

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Qual
72-54-8	4,4'-DDD	0.0387	0.000867	0.00189	
309-00-2	Aldrin	ND	0.000898	0.00189	U
319-84-6	alpha-BHC	ND	0.000564	0.00189	U
319-85-7	beta-BHC	ND	0.000905	0.00189	U
57-74-9	Chlordane	ND	0.000843	0.00189	U
319-86-8	delta-BHC	ND	0.000880	0.00189	U
60-57-1	Dieldrin	0.0301	0.000991	0.00189	
959-98-8	Endosulfan I	ND	0.000895	0.00189	U
33213-65-9	Endosulfan II	ND	0.000861	0.00189	U
1031-07-8	Endosulfan sulfate	ND	0.000713	0.00189	U
115-29-7	Endosulfans, Total (alpha and beta)	ND	0.000861	0.00189	U
72-20-8	Endrin	ND	0.000654	0.00189	U
7421-93-4	Endrin aldehyde	ND	0.000755	0.00189	U
53494-70-5	Endrin ketone	ND	0.000668	0.00189	U
58-89-9	gamma-BHC (Lindane)	ND	0.000601	0.00189	U
76-44-8	Heptachlor	ND	0.000507	0.00189	U
1024-57-3	Heptachlor Epoxide	ND	0.000956	0.00189	U
72-43-5	Methoxychlor	ND	0.000555	0.00189	U
8001-35-2	Toxaphene	ND	0.0913	0.0962	U

ND, U - Indicates compound analyzed for but not detected
 J - Indicates estimated value
 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
 H - Indicates a Hold Time violation
 P - Greater than 25% diff. between 2 GC columns.
 MDL - Minimum detection limit, RL - Reporting limit

F-I

10
10.2.

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25783.D\ECD1A.CH Vial: 12
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25783.D\ECD2B.CH
 Acq On : 29 May 2022 17:27 Operator: sdp
 Sample : 2051267-02 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 1 11:16 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.75	4.40	1882.3E6	926.6E6	50.230	56.829
Spiked Amount	50.000	Range	43 - 129	Recovery	= 100.46%	113.66%
21) S Decachlorobiphen	15.93	18.44	1201.7E6	531.5E6	32.609m	36.203m
Spiked Amount	50.000	Range	42 - 136	Recovery	= 65.22%	72.41%
Target Compounds						
10) 4,4'-DDE	8.28	10.44	115555.8E6	53287.9E6	2722.697m	2998.168m
11) M Dieldrin	8.91	10.87	1422.1E6	697.8E6	30.928m	35.409m
13) 4,4'-DDD	9.65	12.20	1383.0E6	810.4E6	39.862m	53.449m#
15) M 4,4'-DDT	10.33	13.18	42682.6E6	26809.2E6	1148.982m	1780.221m#
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

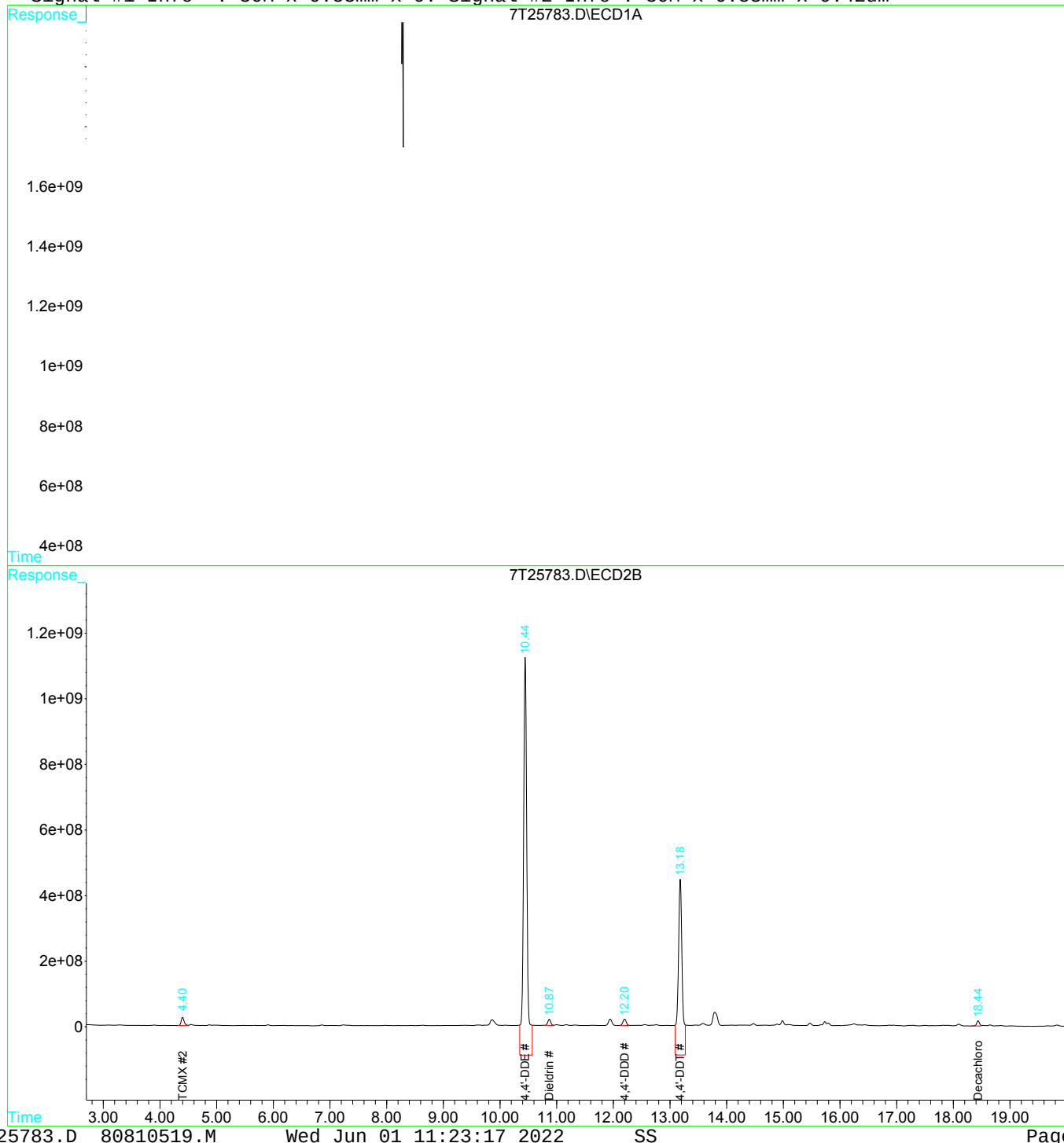
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25783.D 80810519.M Wed Jun 01 11:23:17 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25783.D\ECD1A.CH Vial: 12
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25783.D\ECD2B.CH
 Acq On : 29 May 2022 17:27 Operator: sdp
 Sample : 2051267-02 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 1 11:16 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: Sesi Consulting Engineers
Client Sample ID: SS-2
Lab Sample ID: 2051267-02RE1
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:20	Prep Date:	05/25/22 08:02	File ID:	7T25845.D
Init/Final Vol:	15 g / 10 mL	Prep Batch:	B2E2507	Analyzed:	06/01/22 22:23
Dilution:	100	Matrix:	Soil	Sequence:	S2F0213
Percent Solids:	68.61	Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Qual
72-55-9	4,4'-DDE [2C]	2.52	0.104	0.189	D
50-29-3	4,4'-DDT [2C]	0.939	0.134	0.189	D

10
10.2.

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, **RL** - Reporting limit

F-I

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25845.D\ECD1A.CH Vial: 16
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25845.D\ECD2B.CH
 Acq On : 1 Jun 2022 22:23 Operator: sdp
 Sample : 2051267-02RE1 Inst : GCECD-7
 Misc : 100 x Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 15:45 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.75	4.40	32648254	10807408	0.871	0.663m
Spiked Amount	50.000	Range	43 - 129	Recovery	=	1.74%#
21) S Decachlorobiphen	15.94	0.00	19422994	0	0.527m	N.D. #
Spiked Amount	50.000	Range	42 - 136	Recovery	=	1.05%#
Target Compounds						
10) 4,4'-DDE	8.29	10.45	1181.5E6	460.9E6	27.838	25.930
15) M 4,4'-DDT	10.34	13.19	363.8E6	145.4E6	9.793	9.657
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

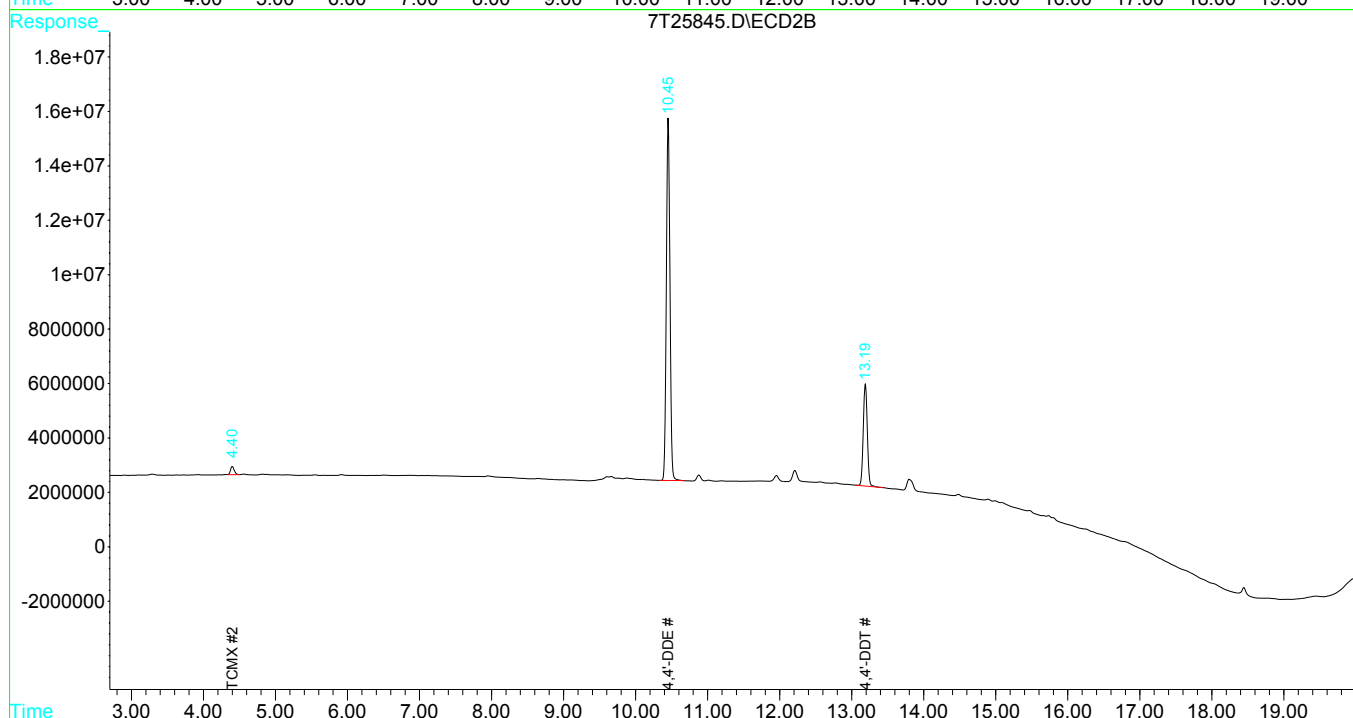
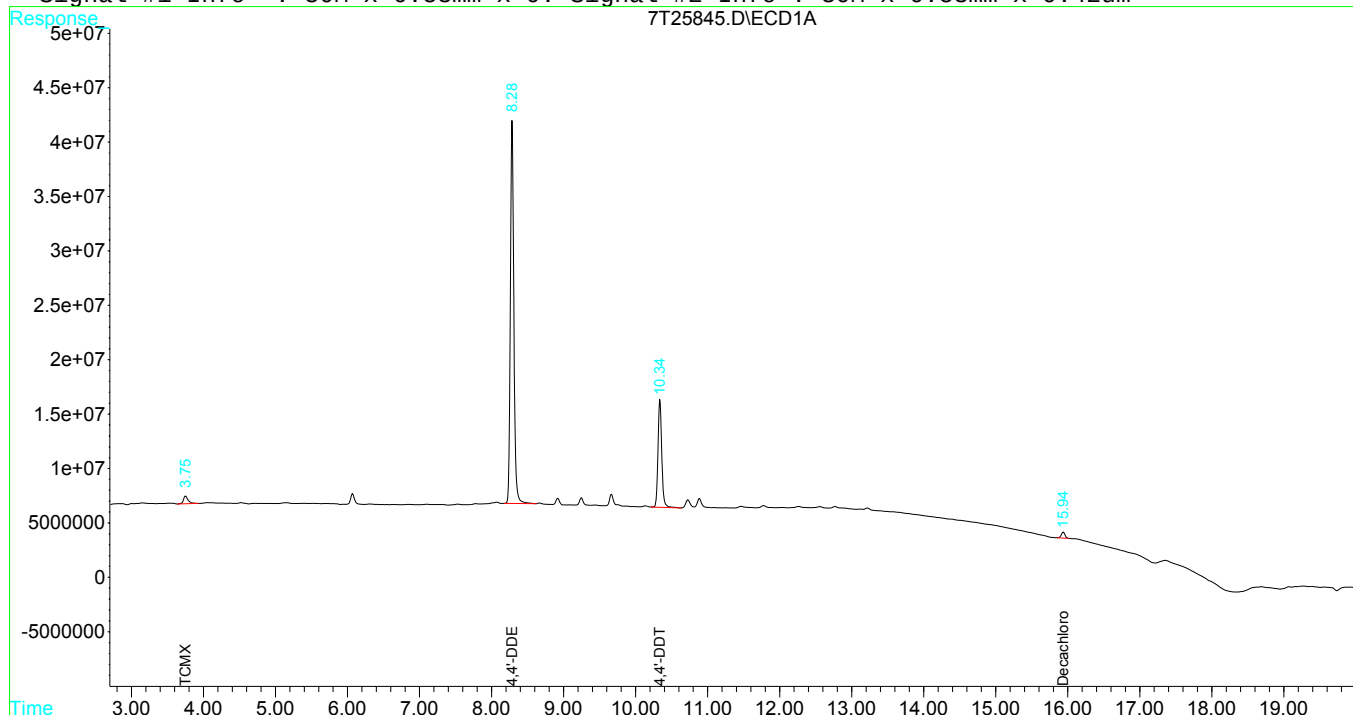
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25845.D 80810519.M Thu Jun 02 17:27:47 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25845.D\ECD1A.CH Vial: 16
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25845.D\ECD2B.CH
 Acq On : 1 Jun 2022 22:23 Operator: sdp
 Sample : 2051267-02RE1 Inst : GCECD-7
 Misc : 100 x Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 15:45 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: Sesi Consulting Engineers
Client Sample ID: SS-3
Lab Sample ID: 2051267-03
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:30	Prep Date:	05/25/22 08:02	File ID:	7T25784.D
Init/Final Vol:	15 g / 10 mL	Prep Batch:	B2E2507	Analyzed:	05/29/22 17:49
Dilution:	1	Matrix:	Soil	Sequence:	S2F0108
Percent Solids:	81.43	Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Qual
72-54-8	4,4'-DDD [2C]	0.0641	0.000731	0.00160	
309-00-2	Aldrin	ND	0.000757	0.00160	U
319-84-6	alpha-BHC	ND	0.000475	0.00160	U
319-85-7	beta-BHC	ND	0.000763	0.00160	U
57-74-9	Chlordane	ND	0.000710	0.00160	U
319-86-8	delta-BHC	ND	0.000742	0.00160	U
60-57-1	Dieldrin	ND	0.000835	0.00160	U
959-98-8	Endosulfan I	ND	0.000754	0.00160	U
33213-65-9	Endosulfan II	ND	0.000726	0.00160	U
1031-07-8	Endosulfan sulfate	ND	0.000601	0.00160	U
115-29-7	Endosulfans, Total (alpha and beta)	ND	0.000726	0.00160	U
72-20-8	Endrin	ND	0.000551	0.00160	U
7421-93-4	Endrin aldehyde	ND	0.000636	0.00160	U
53494-70-5	Endrin ketone	ND	0.000562	0.00160	U
58-89-9	gamma-BHC (Lindane)	ND	0.000506	0.00160	U
76-44-8	Heptachlor	ND	0.000427	0.00160	U
1024-57-3	Heptachlor Epoxide	ND	0.000806	0.00160	U
72-43-5	Methoxychlor	ND	0.000468	0.00160	U
8001-35-2	Toxaphene	ND	0.0769	0.0811	U

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, **RL** - Reporting limit

F-I

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25784.D\ECD1A.CH Vial: 13
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25784.D\ECD2B.CH
 Acq On : 29 May 2022 17:49 Operator: sdp
 Sample : 2051267-03 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 31 16:40 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.75	4.40	1880.7E6	862.7E6	50.187	52.911
Spiked Amount	50.000	Range	43 - 129	Recovery	= 100.37%	105.82%
21) S Decachlorobiphen	15.93	18.44	1742.1E6	535.9E6	47.273	36.499
Spiked Amount	50.000	Range	42 - 136	Recovery	= 94.55%	73.00%
Target Compounds						
10) 4,4'-DDE	8.29	10.45	43097.4E6	28049.6E6	1015.450	1578.171 #
13) 4,4'-DDD	9.66	12.20	2887.0E6	1186.4E6	83.214	78.248
15) M 4,4'-DDT	10.33	13.18	5700.7E6	2600.2E6	153.459	172.661
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

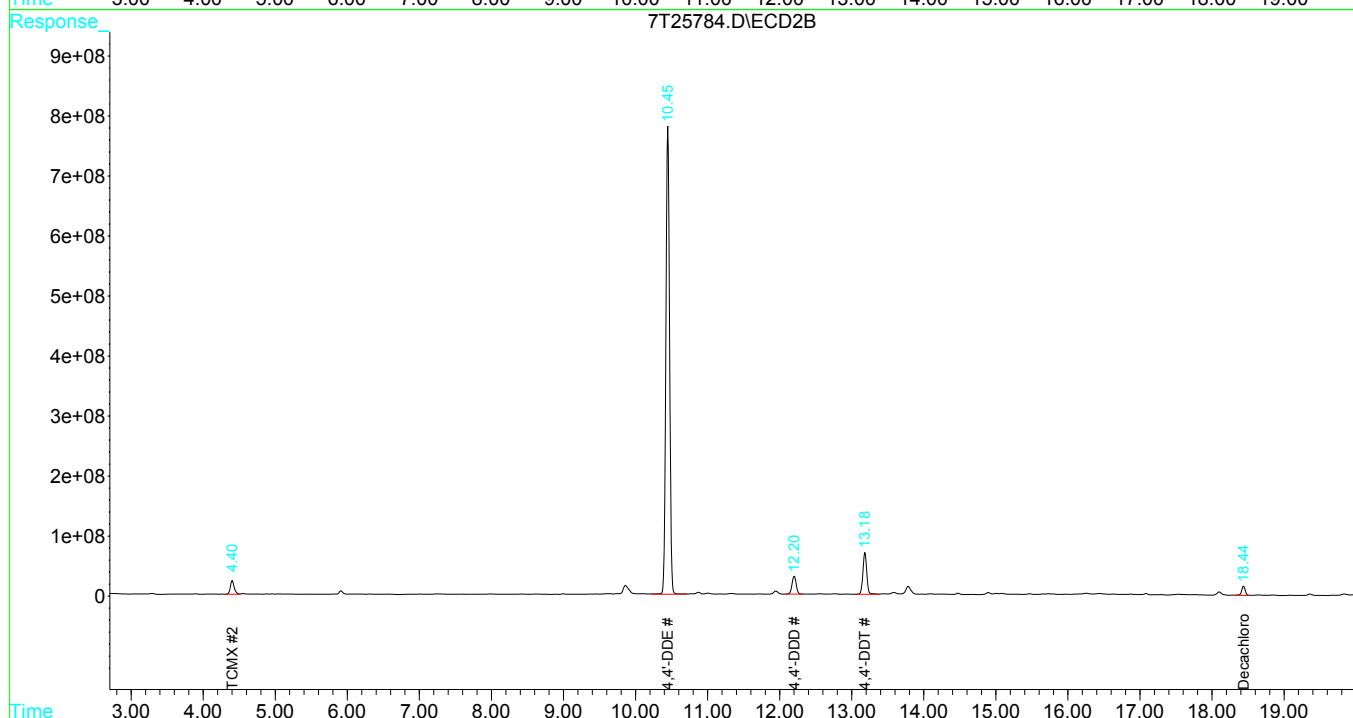
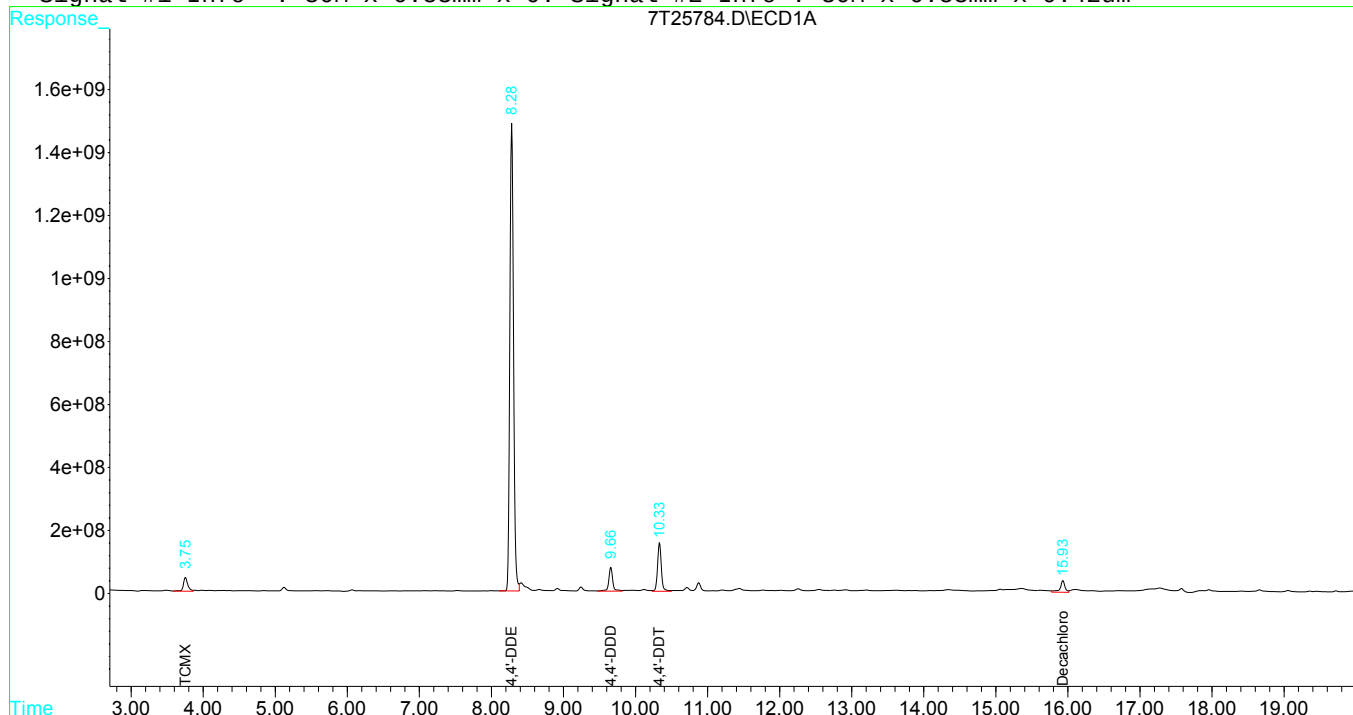
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25784.D 80810519.M Wed Jun 01 11:23:18 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25784.D\ECD1A.CH Vial: 13
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25784.D\ECD2B.CH
 Acq On : 29 May 2022 17:49 Operator: sdp
 Sample : 2051267-03 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 31 16:40 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: Sesi Consulting Engineers
Client Sample ID: SS-3
Lab Sample ID: 2051267-03RE1
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:30	Prep Date:	05/25/22 08:02	File ID:	7T25844.D
Init/Final Vol:	15 g / 10 mL	Prep Batch:	B2E2507	Analyzed:	06/01/22 22:01
Dilution:	50	Matrix:	Soil	Sequence:	S2F0213
Percent Solids:	81.43	Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Qual
72-55-9	4,4'-DDE [2C]	0.770	0.0437	0.0798	D
50-29-3	4,4'-DDT [2C]	0.148	0.0564	0.0798	D

10
10.2.

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, **RL** - Reporting limit

F-I

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25844.D\ECD1A.CH Vial: 15
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25844.D\ECD2B.CH
 Acq On : 1 Jun 2022 22:01 Operator: sdp
 Sample : 2051267-03RE1 Inst : GCECD-7
 Misc : 50 x Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 13:27 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.75	4.40	36540219	10639628	0.975	0.653m#
Spiked Amount	50.000	Range	43 - 129	Recovery	=	1.95%#
21) S Decachlorobiphen	15.93	18.44	47720584	8561576	1.295m	0.583m#
Spiked Amount	50.000	Range	42 - 136	Recovery	=	2.59%#
Target Compounds						
10) 4,4'-DDE	8.28	10.45	863.1E6	334.4E6	20.336	18.813
15) M 4,4'-DDT	10.34	13.19	138.2E6	54512619	3.719	3.620
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

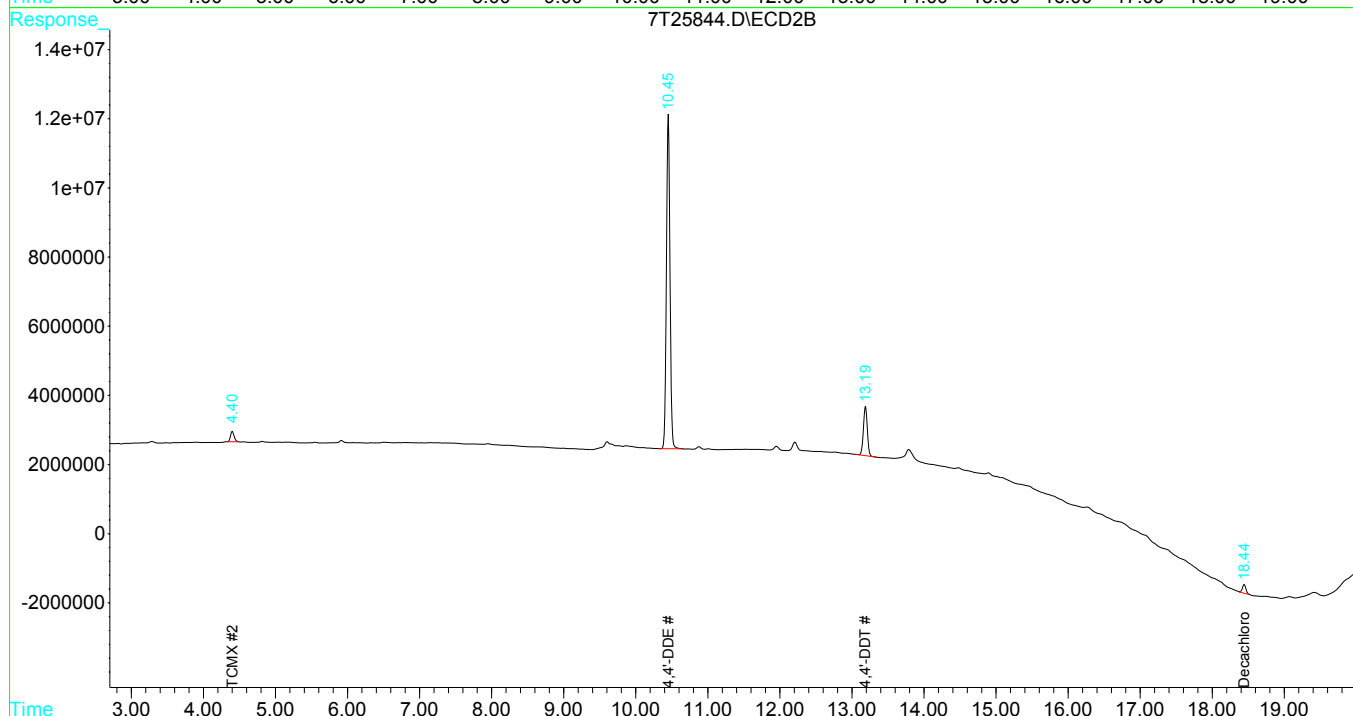
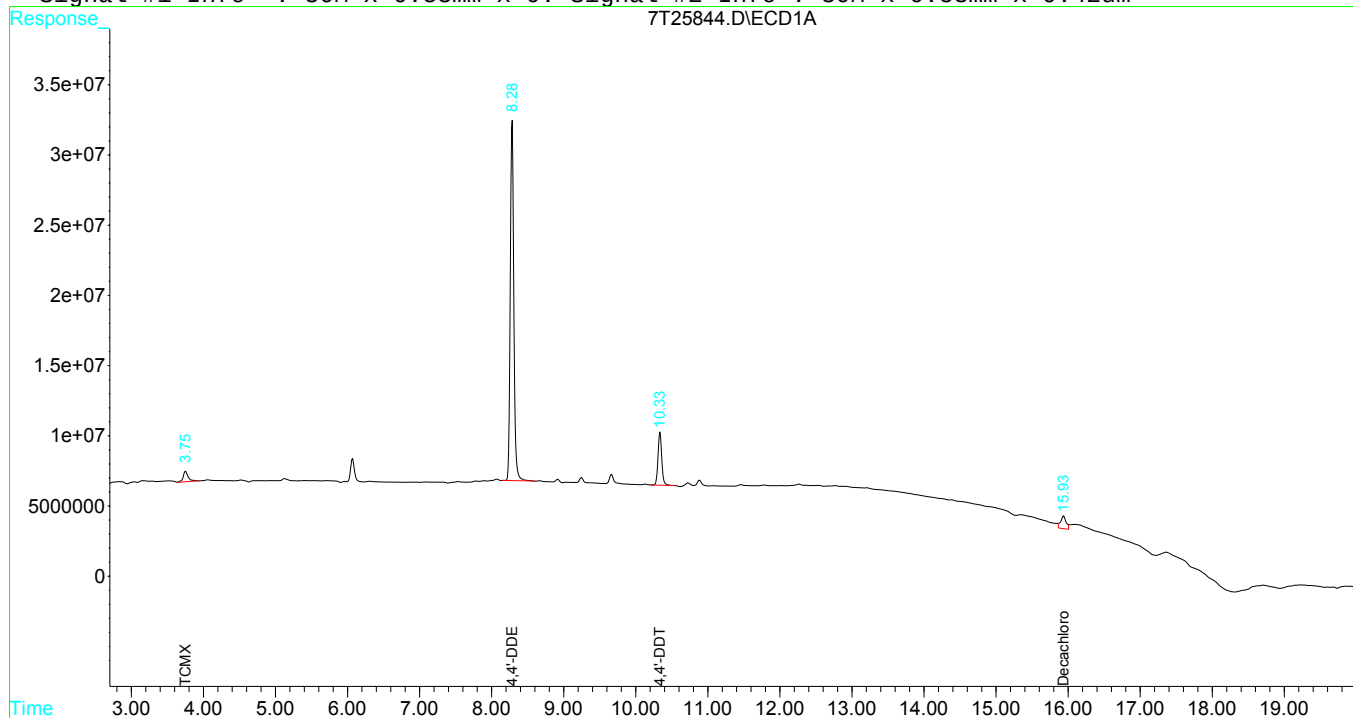
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25844.D 80810519.M Thu Jun 02 17:27:46 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25844.D\ECD1A.CH Vial: 15
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25844.D\ECD2B.CH
 Acq On : 1 Jun 2022 22:01 Operator: sdp
 Sample : 2051267-03RE1 Inst : GCECD-7
 Misc : 50 x Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 13:27 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: Sesi Consulting Engineers
 Client Sample ID: SS-4
 Lab Sample ID: 2051267-04
 Project: 3 North Castle Dr.
 Work Order: 2051267

Date Sampled: 05/24/22 12:35	Prep Date: 05/25/22 08:02	File ID: 7T25785.D
Init/Final Vol: 15 g / 10 mL	Prep Batch: B2E2507	Analyzed: 05/29/22 18:12
Dilution: 1	Matrix: Soil	Sequence: S2F0108
Percent Solids: 79.38	Prep Method: Sonication GC	

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Qual
72-54-8	4,4'-DDD [2C]	0.0476	0.000750	0.00164	
50-29-3	4,4'-DDT	0.0664	0.00116	0.00164	
309-00-2	Aldrin	ND	0.000776	0.00164	U
319-84-6	alpha-BHC	ND	0.000488	0.00164	U
319-85-7	beta-BHC	ND	0.000782	0.00164	U
57-74-9	Chlordane	ND	0.000728	0.00164	U
319-86-8	delta-BHC	ND	0.000761	0.00164	U
60-57-1	Dieldrin	ND	0.000857	0.00164	U
959-98-8	Endosulfan I	ND	0.000774	0.00164	U
33213-65-9	Endosulfan II	ND	0.000745	0.00164	U
1031-07-8	Endosulfan sulfate	ND	0.000616	0.00164	U
115-29-7	Endosulfans, Total (alpha and beta)	ND	0.000745	0.00164	U
72-20-8	Endrin	ND	0.000566	0.00164	U
7421-93-4	Endrin aldehyde	ND	0.000653	0.00164	U
53494-70-5	Endrin ketone	ND	0.000577	0.00164	U
58-89-9	gamma-BHC (Lindane)	ND	0.000519	0.00164	U
76-44-8	Heptachlor	ND	0.000438	0.00164	U
1024-57-3	Heptachlor Epoxide	ND	0.000826	0.00164	U
72-43-5	Methoxychlor	ND	0.000480	0.00164	U
8001-35-2	Toxaphene	ND	0.0789	0.0831	U

ND, U - Indicates compound analyzed for but not detected
 J - Indicates estimated value
 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
 H - Indicates a Hold Time violation
 P - Greater than 25% diff. between 2 GC columns.
 MDL - Minimum detection limit, RL - Reporting limit

F-I

10
10.2.

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25785.D\ECD1A.CH Vial: 14
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25785.D\ECD2B.CH
 Acq On : 29 May 2022 18:12 Operator: sdp
 Sample : 2051267-04 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 31 16:43 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.76	4.41	1957.8E6	952.2E6	52.245	58.401
Spiked Amount	50.000	Range	43 - 129	Recovery	= 104.49%	116.80%
21) S Decachlorobiphen	15.93	18.44	1352.9E6	564.4E6	36.712	38.443
Spiked Amount	50.000	Range	42 - 136	Recovery	= 73.42%	76.89%
Target Compounds						
10) 4,4'-DDE	8.28	10.45	13501.6E6	6729.3E6	318.121	378.614
13) 4,4'-DDD	9.66	12.21	2122.4E6	859.9E6	61.175	56.714
15) M 4,4'-DDT	10.33	13.19	2936.1E6	1317.7E6	79.038	87.499
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

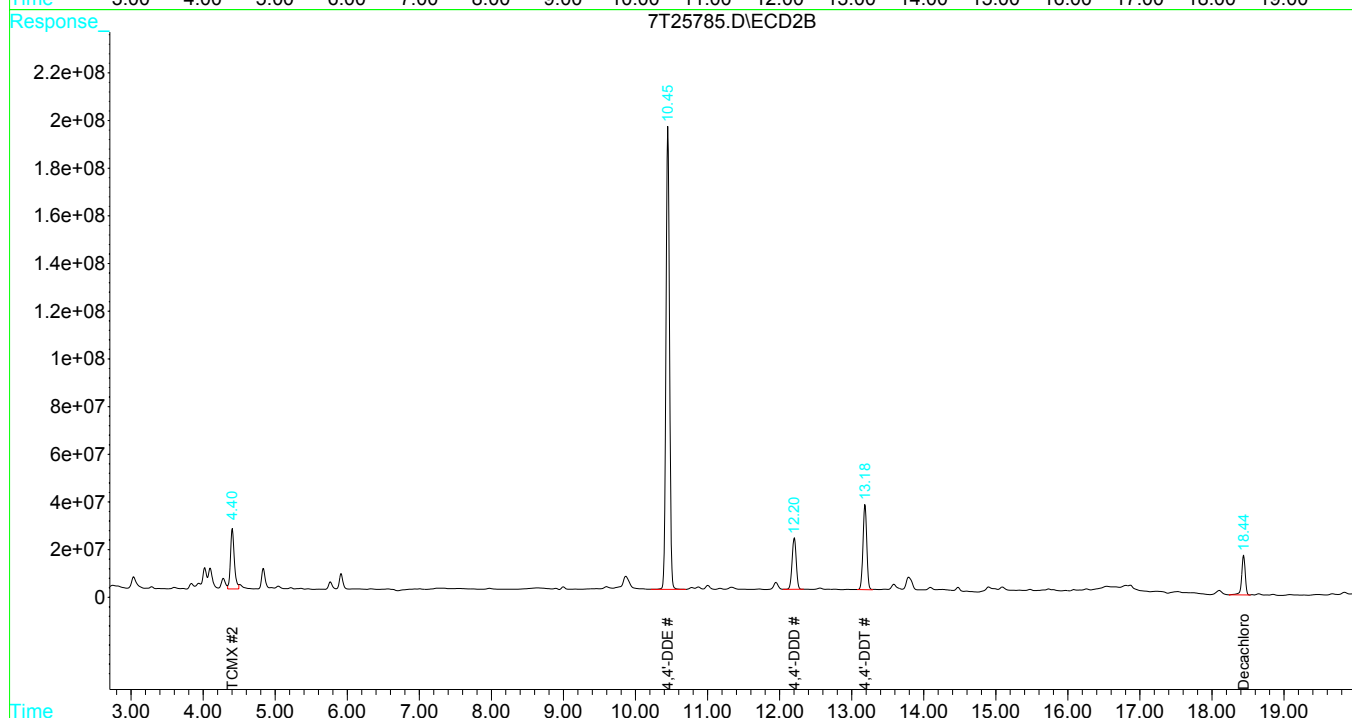
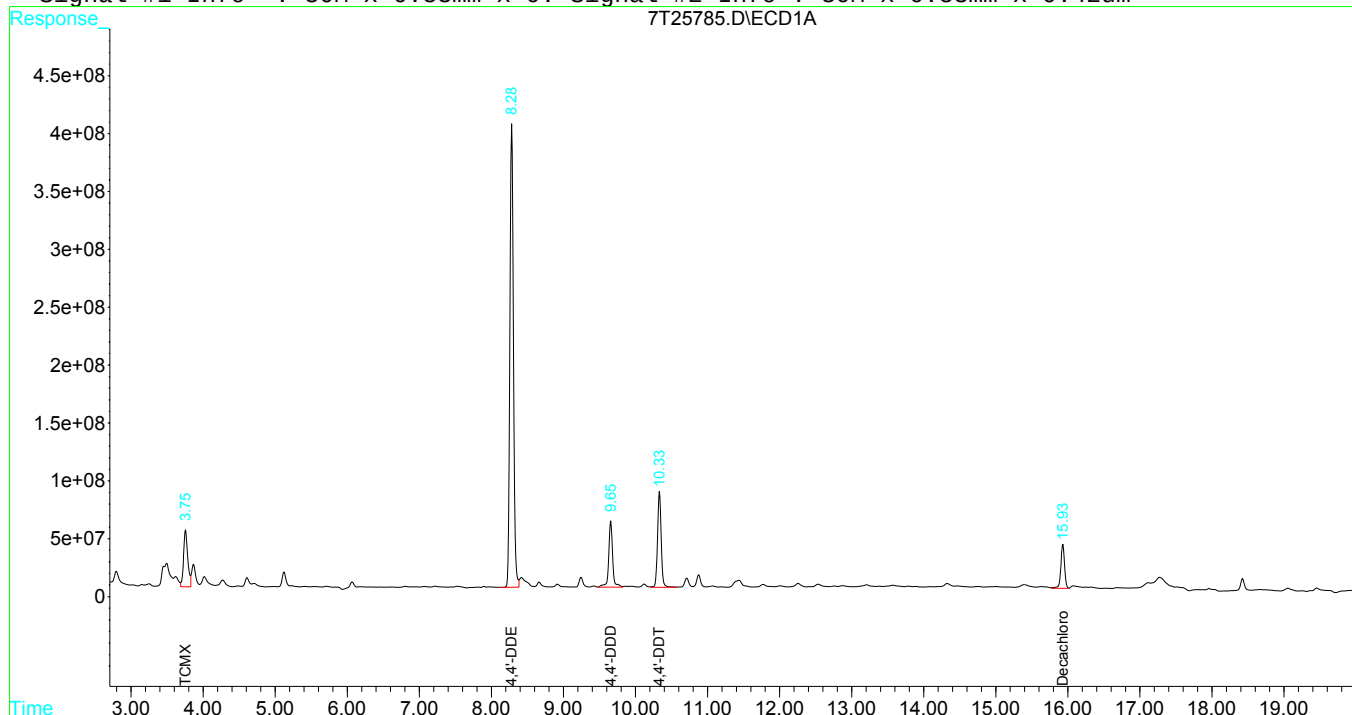
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25785.D 80810519.M Wed Jun 01 11:23:20 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25785.D\ECD1A.CH Vial: 14
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25785.D\ECD2B.CH
 Acq On : 29 May 2022 18:12 Operator: sdp
 Sample : 2051267-04 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 31 16:43 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: Sesi Consulting Engineers
Client Sample ID: SS-4
Lab Sample ID: 2051267-04RE1
Project: 3 North Castle Dr.
Work Order: 2051267

Date Sampled:	05/24/22 12:35	Prep Date:	05/25/22 08:02	File ID:	7T25843.D
Init/Final Vol:	15 g / 10 mL	Prep Batch:	B2E2507	Analyzed:	06/01/22 21:39
Dilution:	10	Matrix:	Soil	Sequence:	S2F0213
Percent Solids:	79.38	Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Qual
72-55-9	4,4'-DDE [2C]	0.317	0.00896	0.0164	D

10
10.2.

ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard

F-I

D - Indicates result is based on a dilution
H - Indicates a Hold Time violation
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit, **RL** - Reporting limit

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25843.D\ECD1A.CH Vial: 14
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25843.D\ECD2B.CH
 Acq On : 1 Jun 2022 21:39 Operator: sdp
 Sample : 2051267-04RE1 Inst : GCECD-7
 Misc : 10 x Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 13:25 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.75	4.40	262.2E6	96208438	6.997	5.901
Spiked Amount	50.000	Range	43 - 129	Recovery	= 13.99%#	11.80%#
21) S Decachlorobiphen	15.94	18.45	207.7E6	65661572	5.637	4.472
Spiked Amount	50.000	Range	42 - 136	Recovery	= 11.27%#	8.94%#
Target Compounds						
10) 4,4'-DDE	8.29	10.45	1623.8E6	670.4E6	38.260	37.719
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

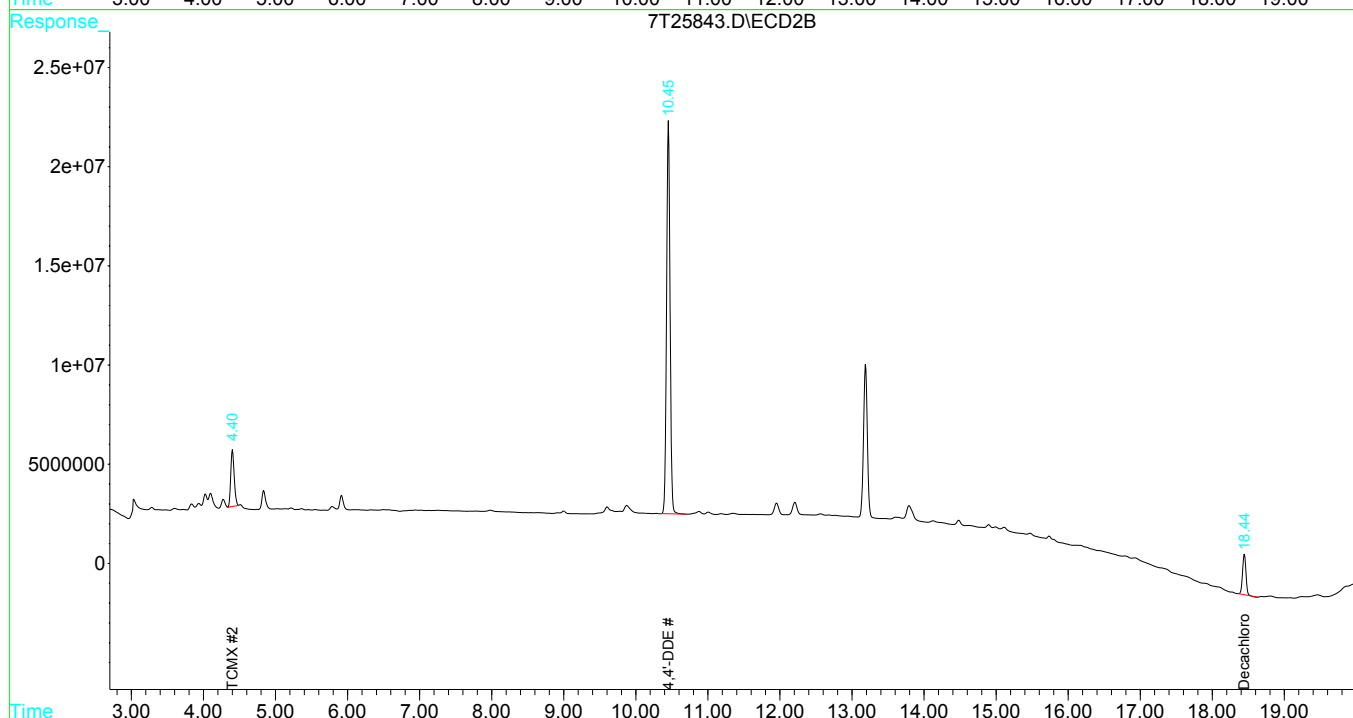
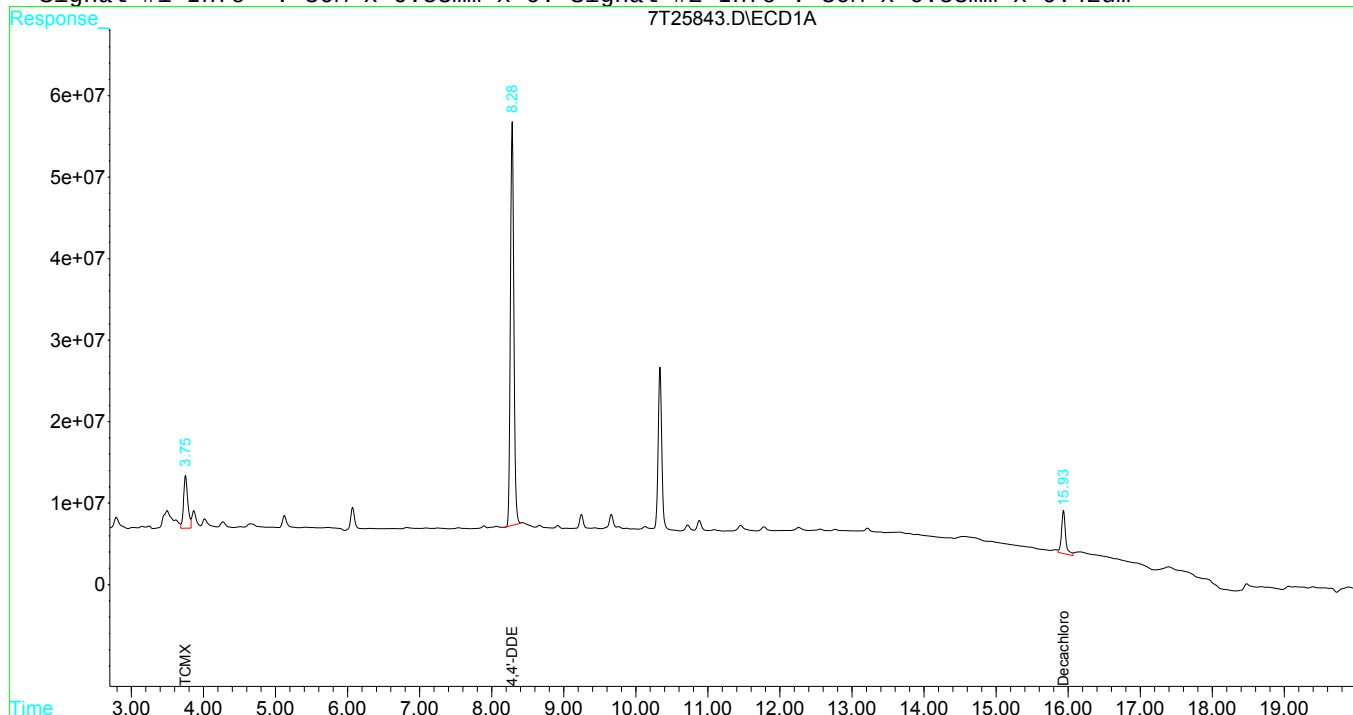
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25843.D 80810519.M Thu Jun 02 17:27:44 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25843.D\ECD1A.CH Vial: 14
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25843.D\ECD2B.CH
 Acq On : 1 Jun 2022 21:39 Operator: sdp
 Sample : 2051267-04RE1 Inst : GCECD-7
 Misc : 10 x Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 13:25 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



7T25843.D 80810519.M Thu Jun 02 17:27:44 2022 SS Page 2

ANALYSIS DATA SHEET

Pesticides - SW 846 8081B

Client: Sesi Consulting Engineers
 Client Sample ID: SS-5
 Lab Sample ID: 2051267-05
 Project: 3 North Castle Dr.
 Work Order: 2051267

Date Sampled:	05/24/22 12:45	Prep Date:	05/25/22 08:02	File ID:	7T25786.D
Init/Final Vol:	15 g / 10 mL	Prep Batch:	B2E2507	Analyzed:	05/29/22 18:34
Dilution:	1	Matrix:	Soil	Sequence:	S2F0108
Percent Solids:	77.41	Prep Method:	Sonication GC		

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Qual
72-54-8	4,4'-DDD	ND	0.000769	0.00168	U
72-55-9	4,4'-DDE	ND	0.000919	0.00168	U
50-29-3	4,4'-DDT	0.00192	0.00119	0.00168	
309-00-2	Aldrin	ND	0.000796	0.00168	U
319-84-6	alpha-BHC	ND	0.000500	0.00168	U
319-85-7	beta-BHC	ND	0.000802	0.00168	U
57-74-9	Chlordane	ND	0.000747	0.00168	U
319-86-8	delta-BHC	ND	0.000780	0.00168	U
60-57-1	Dieldrin	ND	0.000878	0.00168	U
959-98-8	Endosulfan I	ND	0.000793	0.00168	U
33213-65-9	Endosulfan II	ND	0.000763	0.00168	U
1031-07-8	Endosulfan sulfate	ND	0.000632	0.00168	U
115-29-7	Endosulfans, Total (alpha and beta)	ND	0.000763	0.00168	U
72-20-8	Endrin	ND	0.000580	0.00168	U
7421-93-4	Endrin aldehyde	ND	0.000669	0.00168	U
53494-70-5	Endrin ketone	ND	0.000592	0.00168	U
58-89-9	gamma-BHC (Lindane)	ND	0.000532	0.00168	U
76-44-8	Heptachlor	ND	0.000450	0.00168	U
1024-57-3	Heptachlor Epoxide	ND	0.000847	0.00168	U
72-43-5	Methoxychlor	ND	0.000492	0.00168	U
8001-35-2	Toxaphene	ND	0.0809	0.0853	U

ND, U - Indicates compound analyzed for but not detected
 J - Indicates estimated value
 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution
 H - Indicates a Hold Time violation
 P - Greater than 25% diff. between 2 GC columns.
 MDL - Minimum detection limit, RL - Reporting limit

F-I

10
10.2.

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25786.D\ECD1A.CH Vial: 15
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25786.D\ECD2B.CH
 Acq On : 29 May 2022 18:34 Operator: sdp
 Sample : 2051267-05 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 1 11:20 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.76	4.41	1821.1E6	817.6E6	48.597	50.143
Spiked Amount	50.000	Range	43 - 129	Recovery	=	97.19% 100.29%
21) S Decachlorobiphen	15.93	18.44	1391.7E6	498.2E6	37.765	33.930
Spiked Amount	50.000	Range	42 - 136	Recovery	=	75.53% 67.86%
Target Compounds						
15) M 4,4'-DDT	10.33	13.18	82827057	42302503	2.230m	2.809m#
Sum Chlordane (gamma)			0	0	N.D.	N.D.
Average Chlordane (gamma)					0.000	0.000
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

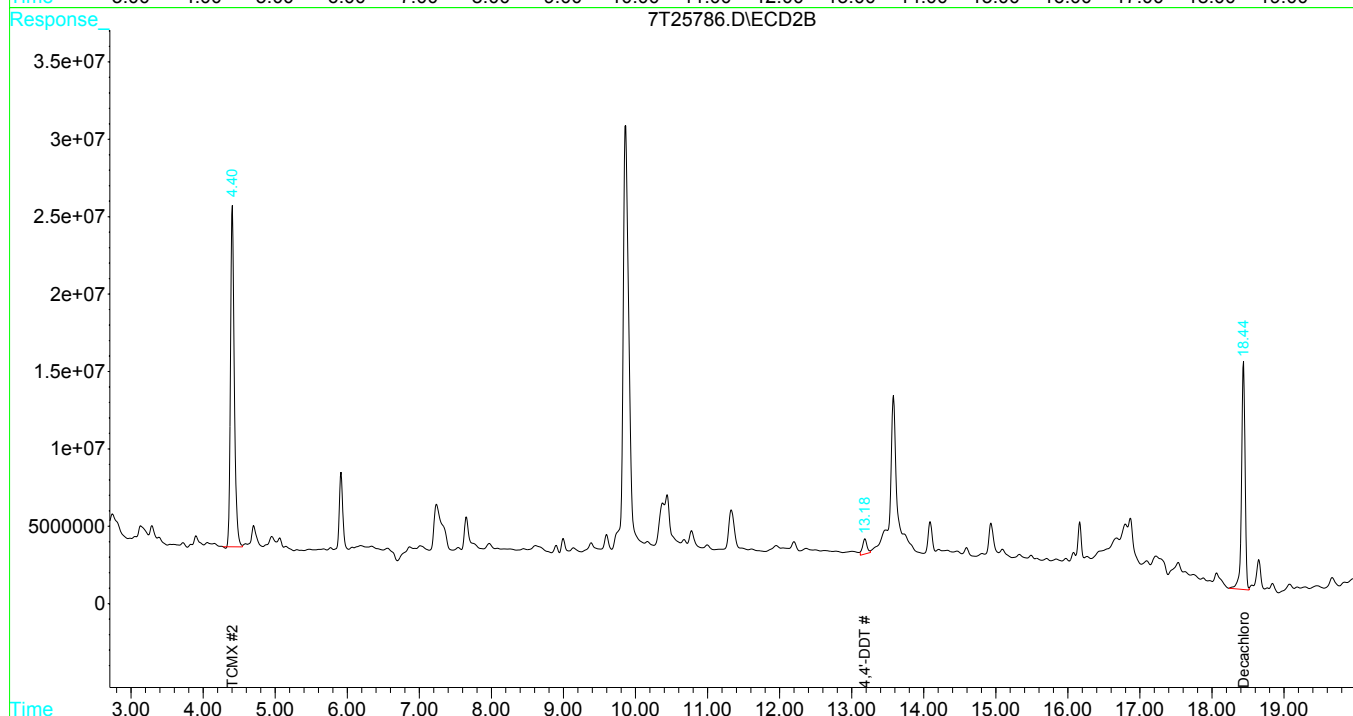
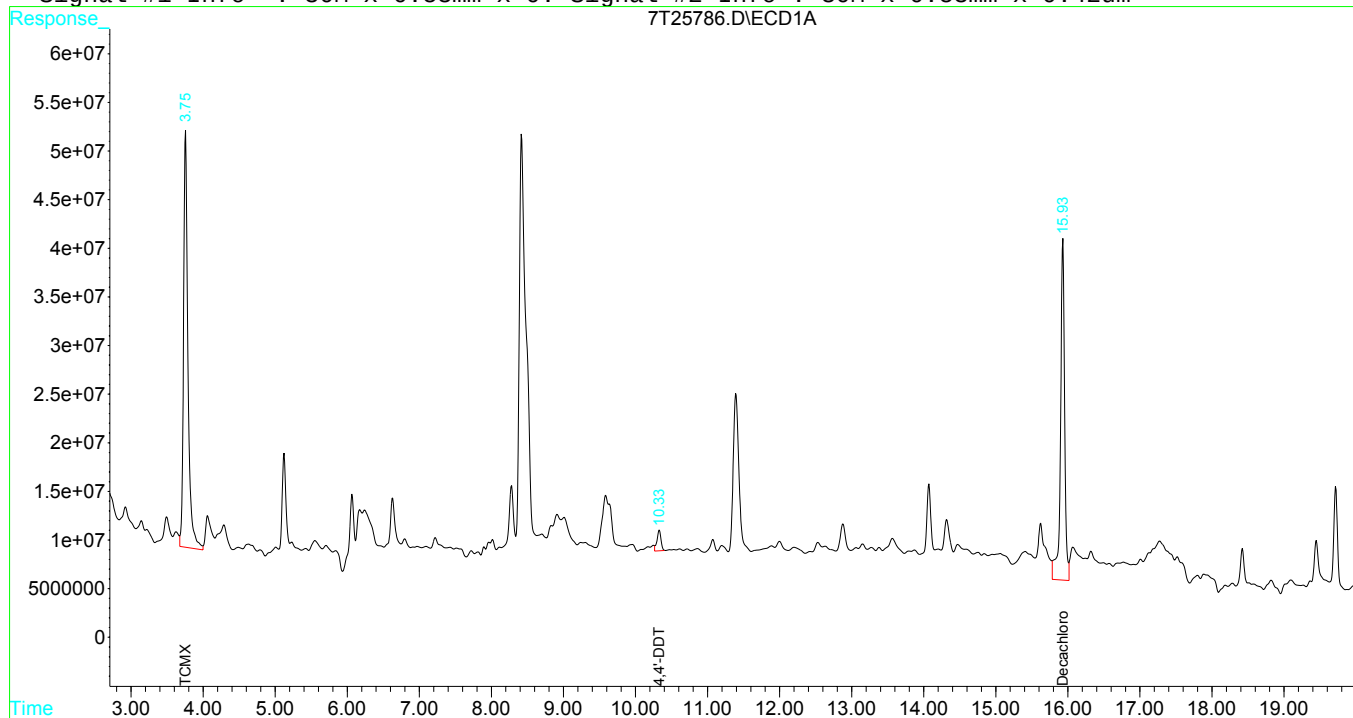
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25786.D 80810519.M Wed Jun 01 11:23:21 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25786.D\ECD1A.CH Vial: 15
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25786.D\ECD2B.CH
 Acq On : 29 May 2022 18:34 Operator: sdp
 Sample : 2051267-05 Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 1 11:20 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



SURROGATE RECOVERIES

Analysis Class: PESTICIDES

Matrix: Soil Method: SW 846 8081B

Pesticides

Lab Number	File ID	TCMX	DCB	TCMX[2C]	DCB[2C]
2051267-01	7T25782.D	83.4	88.1	104	71.7
2051267-02	7T25783.D	100	65.2	114	72.4
2051267-03	7T25784.D	100	94.5	106	73.0
2051267-04	7T25785.D	104	73.4	117	76.9
2051267-05	7T25786.D	97.2	75.5	100	67.9
B2E2507-BLK1	7T25731.D	113	102	122	92.9
B2E2507-BS1	7T25732.D	105	92.6	112	87.1
B2E2507-MS1	7T25733.D	104	96.1	109	66.3
B2E2507-MSD1	7T25734.D	102	81.3	106	65.2

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10.3.

Surrogate Limits

Acronym	Lo Limit	Hi Limit	Analyte
TCMX	41.8	136	Tetrachloro-m-xylene
DCB	43.1	129	Decachlorobiphenyl
TCMX[2C]	41.8	136	Tetrachloro-m-xylene [2C]
DCB[2C]	43.1	129	Decachlorobiphenyl [2C]

F-II

* - Outside of QC Limits

Pesticides - Quality Control
Aqua Pro-Tech Laboratories

Batch B2E2507		Method: SW 846 8081B			Prepared: 05/25/2022			
B2E2507-BS1		Source:						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
4,4'-DDD	0.0350	mg/kg wet	0.0333		105	91.1-141		
4,4'-DDE	0.0359	mg/kg wet	0.0333		108	98.2-139		
4,4'-DDT	0.0348	mg/kg wet	0.0333		104	23.3-144		
Aldrin	0.0357	mg/kg wet	0.0333		107	75-130		
alpha-BHC	0.0348	mg/kg wet	0.0333		104	74.3-132		
alpha-Chlordane (cis)	0.0327	mg/kg wet	0.0333		98.0	70-130		
beta-BHC	0.0357	mg/kg wet	0.0333		107	76.9-128		
Chlordane	0.0660	mg/kg wet	0.0667		99.0	70-130		
delta-BHC	0.0358	mg/kg wet	0.0333		107	61-155		
Dieldrin	0.0346	mg/kg wet	0.0333		104	74.9-130		
Endosulfan I	0.0330	mg/kg wet	0.0333		99.1	60.8-126		
Endosulfan II	0.0312	mg/kg wet	0.0333		93.5	72.7-125		
Endosulfan sulfate	0.0294	mg/kg wet	0.0333		88.3	63.7-128		
Endrin	0.0342	mg/kg wet	0.0333		103	77.7-141		
Endrin aldehyde	0.0282	mg/kg wet	0.0333		84.5	57.7-113		
Endrin ketone	0.0330	mg/kg wet	0.0333		99.1	64.1-133		
gamma-BHC (Lindane)	0.0329	mg/kg wet	0.0333		98.6	74-133		
gamma-Chlordane	0.0333	mg/kg wet	0.0333		99.9	70-130		
Heptachlor	0.0352	mg/kg wet	0.0333		106	74.4-132		
Heptachlor Epoxide	0.0327	mg/kg wet	0.0333		98.2	75.2-127		
Methoxychlor	0.0334	mg/kg wet	0.0333		100	37.4-147		

* - Outside of QC Limits

J - Result is between the MDL and RL for an Analysis reported to an RL

NC - Outside the recovery criteria but Spike Amount <1/4 amount found in Source Sample

F-III

Pesticides - Quality Control
Aqua Pro-Tech Laboratories

Batch B2E2507 (cont.)		Method: SW 846 8081B			Prepared: 05/25/2022			
B2E2507-MS1		Source: 2051265-07						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
4,4'-DDD	0.0502	mg/kg dry	0.0391	ND	128	56.4-168		
4,4'-DDE	0.107	mg/kg dry	0.0391	0.0575	126	67.4-153		
4,4'-DDT	0.0767	mg/kg dry	0.0391	0.0141	160*	15-117		
Aldrin	0.0434	mg/kg dry	0.0391	ND	111	49.4-130		
alpha-BHC	0.0438	mg/kg dry	0.0391	ND	112	48.9-139		
alpha-Chlordane (cis)	0.0390	mg/kg dry	0.0391	ND	99.8	60-140		
beta-BHC	0.0569	mg/kg dry	0.0391	ND	146*	43.1-140		
Chlordane	0.0772	mg/kg dry	0.0781	ND	98.8	60-140		
delta-BHC	0.0458	mg/kg dry	0.0391	ND	117	36.1-164		
Dieldrin	0.0997	mg/kg dry	0.0391	0.0503	127*	55.1-122		
Endosulfan I	0.0414	mg/kg dry	0.0391	ND	106	42.1-110		
Endosulfan II	0.0415	mg/kg dry	0.0391	ND	106	46.9-119		
Endosulfan sulfate	0.0606	mg/kg dry	0.0391	0.0152	116	24.6-139		
Endrin	0.0443	mg/kg dry	0.0391	ND	113	40.4-139		
Endrin aldehyde	0.0426	mg/kg dry	0.0391	ND	109	36.3-126		
Endrin ketone	0.0502	mg/kg dry	0.0391	ND	128	15-149		
gamma-BHC (Lindane)	0.0405	mg/kg dry	0.0391	ND	104	32.3-140		
gamma-Chlordane	0.0382	mg/kg dry	0.0391	ND	97.7	60-140		
Heptachlor	0.0437	mg/kg dry	0.0391	ND	112	15-147		
Heptachlor Epoxide	0.0391	mg/kg dry	0.0391	ND	100	49-121		
Methoxychlor	0.0532	mg/kg dry	0.0391	ND	136*	15-122		

* - Outside of QC Limits

J - Result is between the MDL and RL for an Analysis reported to an RL

F-III

NC - Outside the recovery criteria but Spike Amount <1/4 amount found in Source Sample

Pesticides - Quality Control
Aqua Pro-Tech Laboratories

Batch B2E2507 (cont.)		Method: SW 846 8081B			Prepared: 05/25/2022			
B2E2507-MSD1		Source: 2051265-07						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
4,4'-DDD	0.0546	mg/kg dry	0.0391	ND	140	56.4-168	8.47	30
4,4'-DDE	0.104	mg/kg dry	0.0391	0.0575	120	67.4-153	2.04	30
4,4'-DDT	0.0588	mg/kg dry	0.0391	0.0141	115	15-117	26.4	30
Aldrin	0.0428	mg/kg dry	0.0391	ND	110	49.4-130	1.21	30
alpha-BHC	0.0431	mg/kg dry	0.0391	ND	110	48.9-139	1.64	30
alpha-Chlordane (cis)	0.0378	mg/kg dry	0.0391	ND	96.8	60-140	3.05	30
beta-BHC	0.0561	mg/kg dry	0.0391	ND	144*	43.1-140	1.42	30
Chlordane	0.0753	mg/kg dry	0.0781	ND	96.4	60-140	2.45	30
delta-BHC	0.0451	mg/kg dry	0.0391	ND	116	36.1-164	1.48	30
Dieldrin	0.0967	mg/kg dry	0.0391	0.0503	119	55.1-122	3.05	30
Endosulfan I	0.0403	mg/kg dry	0.0391	ND	103	42.1-110	2.68	30
Endosulfan II	0.0397	mg/kg dry	0.0391	ND	102	46.9-119	4.33	30
Endosulfan sulfate	0.0588	mg/kg dry	0.0391	0.0152	112	24.6-139	2.93	30
Endrin	0.0424	mg/kg dry	0.0391	ND	108	40.4-139	4.42	30
Endrin aldehyde	0.0396	mg/kg dry	0.0391	ND	101	36.3-126	7.15	30
Endrin ketone	0.0484	mg/kg dry	0.0391	ND	124	15-149	3.60	30
gamma-BHC (Lindane)	0.0399	mg/kg dry	0.0391	ND	102	32.3-140	1.69	30
gamma-Chlordane	0.0375	mg/kg dry	0.0391	ND	95.9	60-140	1.84	30
Heptachlor	0.0424	mg/kg dry	0.0391	ND	109	15-147	2.96	30
Heptachlor Epoxide	0.0383	mg/kg dry	0.0391	ND	98.1	49-121	2.08	30
Methoxychlor	0.0446	mg/kg dry	0.0391	ND	114	15-122	17.6	30

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10.4.

* - Outside of QC Limits J - Result is between the MDL and RL for an Analysis reported to an RL
F-III NC - Outside the recovery criteria but Spike Amount <1/4 amount found in Source Sample

METHOD BLANK SUMMARY

Batch ID: B2E2507

<u>Lab Number</u>	<u>Sample Id</u>	<u>Extraction Date</u>	<u>Analysis Date</u>
B2E2507-BLK1	BLK1	05/25/2022	05/26/2022 23:31
B2E2507-BS1	BS1	05/25/2022	05/26/2022 23:54
B2E2507-MS1	MS1	05/25/2022	05/27/2022 00:16
B2E2507-MSD1	MSD1	05/25/2022	05/27/2022 00:38
2051267-01	SS-1	05/25/2022	05/29/2022 17:05
2051267-01RE1	SS-1	05/25/2022	06/01/2022 22:45
2051267-02	SS-2	05/25/2022	05/29/2022 17:27
2051267-02RE1	SS-2	05/25/2022	06/01/2022 22:23
2051267-03	SS-3	05/25/2022	05/29/2022 17:49
2051267-03RE1	SS-3	05/25/2022	06/01/2022 22:01
2051267-04	SS-4	05/25/2022	05/29/2022 18:12
2051267-04RE1	SS-4	05/25/2022	06/01/2022 21:39
2051267-05	SS-5	05/25/2022	05/29/2022 18:34

SURROGATE RT DRIFT REPORT

Analysis Class: PESTICIDES

Sequence : S2E2727

		TCMX			DCB			TCMX[2C]			DCB[2C]		
Lab Number	File ID	RT	Ref RT	Drift	RT	Ref RT	Drift	RT	Ref RT	Drift	RT	Ref RT	Drift
B2E2507-BLK1	7T25731.D	3.72	3.72	0.00	15.89	15.88	0.01	4.37	4.36	0.01	18.4	18.39	0.01
B2E2507-BS1	7T25732.D	3.72	3.72	0.00	15.89	15.88	0.01	4.37	4.36	0.01	18.4	18.39	0.01
B2E2507-MS1	7T25733.D	3.72	3.72	0.00	15.89	15.88	0.01	4.37	4.36	0.01	18.4	18.39	0.01
B2E2507-MSD1	7T25734.D	3.73	3.72	0.01	15.89	15.88	0.01	4.37	4.36	0.01	18.4	18.39	0.01

Sequence : S2F0108

		TCMX			DCB			TCMX[2C]			DCB[2C]		
Lab Number	File ID	RT	Ref RT	Drift	RT	Ref RT	Drift	RT	Ref RT	Drift	RT	Ref RT	Drift
2051267-01	7T25782.D	3.75	3.75	0.00	15.92	15.92	0.00	4.4	4.4	0.00	18.43	18.43	0.00
2051267-02	7T25783.D	3.75	3.75	0.00	15.93	15.92	0.01	4.4	4.4	0.00	18.44	18.43	0.01
2051267-03	7T25784.D	3.75	3.75	0.00	15.93	15.92	0.01	4.4	4.4	0.00	18.44	18.43	0.01
2051267-04	7T25785.D	3.76	3.75	0.01	15.93	15.92	0.01	4.41	4.4	0.01	18.44	18.43	0.01
2051267-05	7T25786.D	3.76	3.75	0.01	15.93	15.92	0.01	4.41	4.4	0.01	18.44	18.43	0.01

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10.6.

Surrogate		Limit
TCMX	Tetrachloro-m-xylene	0.10
DCB	Decachlorobiphenyl	0.10
TCMX[2C]	Tetrachloro-m-xylene [2C]	0.10
DCB[2C]	Decachlorobiphenyl [2C]	0.10

DISS = Dissolved Analysis

F-V

Response Factor Report HP G1530A

Method : G:\HPCHEM\GCECD7\METHODS\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Thu May 19 14:56:38 2022

Calibration Files

2 =7T25451.D 5 =7T25452.D 10 =7T25453.D
 25 =7T25454.D 50 =7T25497.D 100 =7T25456.D

	Compound	2	5	10	25	50	100	Avg		%RSD
1) S	TCMX	2.760	4.498	3.941	3.946	3.837	3.502	3.747	E7	15.48
2)	alpha-BHC	4.797	5.833	5.798	6.378	6.552	6.088	5.908	E7	10.49
3) M	gamma-BHC (Lindane)	4.603	6.606	5.691	5.888	6.024	5.537	5.725	E7	11.56
4) M	Heptachlor	5.173	6.003	5.802	6.079	6.044	5.359	5.743	E7	6.73
5)	beta-BHC	2.307	3.090	2.590	2.625	2.571	2.269	2.575	E7	11.44
6)	delta-BHC	4.913	5.335	5.373	6.027	6.170	5.621	5.573	E7	8.41
7) M	Aldrin	4.290	4.787	5.011	5.334	5.430	4.909	4.960	E7	8.28
8)	Heptachlor epoxide	4.428	5.445	5.143	5.222	5.169	4.569	4.996	E7	8.05
9)	Endosulfan I	4.170	4.596	4.803	4.925	4.922	4.346	4.627	E7	6.80
10)	4,4'-DDE	3.690	4.099	4.331	4.547	4.626	4.173	4.244	E7	8.02
11) M	Dieldrin	4.111	4.461	4.605	4.895	4.979	4.537	4.598	E7	6.83
12) M	Endrin	4.013	4.290	4.412	4.633	4.706	4.219	4.379	E7	5.96
13)	4,4'-DDD	3.058	3.287	3.480	3.716	3.815	3.460	3.469	E7	7.98
14)	Endosulfan II	4.224	4.382	4.482	4.603	4.532	4.013	4.373	E7	5.03
15) M	4,4'-DDT	3.184	3.516	3.774	4.009	4.100	3.706	3.715	E7	9.01
16)	Endrin aldehyde	3.957	3.739	3.632	3.702	3.611	3.227	3.645	E7	6.55
17)	Endosulfan sulfate	4.519	4.516	4.453	4.455	4.311	3.790	4.341	E7	6.45
18)	Methoxychlor	2.061	2.152	2.177	2.172	2.122	1.883	2.094	E7	5.36
19)	Mirex	3.771	3.912	3.855	3.735	3.527	3.055	3.643	E7	8.69
20)	Endrin ketone	4.348	4.538	4.592	4.729	4.628	4.124	4.493	E7	4.90
21) S	Decachlorobiphenyl	3.573	3.868	3.931	3.812	3.694	3.232	3.685	E7	6.96
22) L1	Chlordane (gamma)	4.483	5.091	5.146	5.247	5.262	4.720	4.991	E7	6.37
23) L1	Chlordane (alpha)	4.555	4.769	5.027	5.101	5.099	4.576	4.854	E7	5.25
24) L2	Toxaphene (1)							0.000	0	-1.00

Signal #2 Calibration Files

2 =7T25451.D 5 =7T25452.D 10 =7T25453.D
 25 =7T25454.D 50 =7T25497.D 100 =7T25456.D

	Compound	2	5	10	25	50	100	Avg		%RSD
1) S	TCMX	1.582	1.595	1.664	1.691	1.648	1.602	1.630	E7	2.69
2)	alpha-BHC	2.056	2.349	2.509	2.872	3.050	2.899	2.622	E7	14.57
3) M	gamma-BHC (Lindane)	2.036	2.271	2.414	2.697	2.846	2.676	2.490	E7	12.24
4) M	Heptachlor	2.311	2.426	2.530	2.657	2.698	2.549	2.528	E7	5.69
5)	beta-BHC	1.038	1.099	1.098	1.126	1.118	1.010	1.082	E7	4.33
6)	delta-BHC	2.100	2.225	2.327	2.630	2.779	2.604	2.444	E7	10.86
7) M	Aldrin	1.896	2.113	2.193	2.376	2.478	2.302	2.226	E7	9.30
8)	Heptachlor epoxide	2.017	2.132	2.178	2.268	2.318	2.127	2.173	E7	4.95
9)	Endosulfan I	1.753	1.896	1.932	2.008	2.043	1.885	1.919	E7	5.35
10)	4,4'-DDE	1.496	1.655	1.740	1.889	1.997	1.888	1.777	E7	10.33
11) M	Dieldrin	1.742	1.876	1.940	2.068	2.165	2.032	1.971	E7	7.64
12) M	Endrin	1.665	1.791	1.833	1.943	2.027	1.896	1.859	E7	6.80
13)	4,4'-DDD	1.403	1.432	1.484	1.571	1.649	1.558	1.516	E7	6.15
14)	Endosulfan II	1.927	1.969	1.987	2.022	2.047	1.872	1.971	E7	3.24
15) M	4,4'-DDT	1.208	1.390	1.481	1.618	1.716	1.623	1.506	E7	12.35
16)	Endrin aldehyde	1.763	1.591	1.534	1.578	1.562	1.428	1.576	E7	6.88
17)	Endosulfan sulfate	1.949	1.881	1.835	1.846	1.832	1.653	1.833	E7	5.36
18)	Methoxychlor	1.103	0.870	0.871	0.940	0.910	0.813	0.918	E7	10.91
19)	Mirex	1.402	1.448	1.393	1.404	1.336	1.156	1.356	E7	7.70
20)	Endrin ketone	1.617	1.702	1.754	1.818	1.921	1.730	1.757	E7	5.91
21) S	Decachlorobiphenyl	1.430	1.514	1.527	1.523	1.493	1.322	1.468	E7	5.44
22) L1	Chlordane (gamma)	1.995	2.197	2.144	2.227	2.291	2.122	2.163	E7	4.72
23) L1	Chlordane (alpha)	1.921	2.057	2.095	2.176	2.225	2.047	2.087	E7	5.13
24) L2	Toxaphene (1)							0.000	0	-1.00

(#) = Out of Range
 80810519.M

Fri May 20 13:43:16 2022

SS

Page 1

Compound List Report HP G1530A

Method : G:\HPCHEM\GCECD7\METHODS\80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Thu May 19 14:56:38 2022
 Response via : Initial Calibration
 Total Cpnds : 49

PK#	Type	Compound Name	Exp_RT	Rel_RT	Cal	A/H	ID
1	S	TCMX	3.62	1.000	A	A	B
2		alpha-BHC	4.34	1.000	A	A	B
3	M	gamma-BHC (Lindane)	4.81	1.000	A	A	B
4	M	Heptachlor	5.60	1.000	A	A	B
5		beta-BHC	4.94	1.000	A	A	B
6		delta-BHC	5.24	1.000	A	A	B
7	M	Aldrin	6.15	1.000	A	A	B
8		Heptachlor epoxide	7.36	1.000	A	A	B
9		Endosulfan I	8.20	1.000	A	A	B
10		4,4'-DDE	8.10	1.000	A	A	B
11	M	Dieldrin	8.73	1.000	A	A	B
12	M	Endrin	9.25	1.000	A	A	B
13		4,4'-DDD	9.47	1.000	A	A	B
14		Endosulfan II	9.78	1.000	A	A	B
15	M	4,4'-DDT	10.14	1.000	A	A	B
16		Endrin aldehyde	10.84	1.000	A	A	B
17		Endosulfan sulfate	12.14	1.000	A	A	B
18		Methoxychlor	11.55	1.000	A	A	B
19		Mirex	11.73	1.000	A	A	B
20		Endrin ketone	12.96	1.000	A	A	B
21	S	Decachlorobiphenyl	15.76	1.000	A	A	B
22	L1	Chlordane (gamma)	7.62	1.000	A	A	B
23	L1	Chlordane (alpha)	7.90	1.000	A	A	B
24	L2	Toxaphene (1)	9.61	1.000	A	A	R
25		Signal #2	35.00	1.000	A	A	B
26	S	TCMX #2	4.26	1.000	A	A	B
27		alpha-BHC #2	5.30	1.000	A	A	B
28	M	gamma-BHC (Lindane) #2	6.00	1.000	A	A	B
29	M	Heptachlor #2	6.94	1.000	A	A	B
30		beta-BHC #2	6.15	1.000	A	A	B
31		delta-BHC #2	6.78	1.000	A	A	B
32	M	Aldrin #2	7.67	1.000	A	A	B
33		Heptachlor epoxide #2	9.00	1.000	A	A	B
34		Endosulfan I #2	9.95	1.000	A	A	B
35		4,4'-DDE #2	10.25	1.000	A	A	B
36	M	Dieldrin #2	10.66	1.000	A	A	B
37	M	Endrin #2	11.54	1.000	A	A	B
38		4,4'-DDD #2	11.96	1.000	A	A	B
39		Endosulfan II #2	12.23	1.000	A	A	B
40	M	4,4'-DDT #2	12.97	1.000	A	A	B
41		Endrin aldehyde #2	13.28	1.000	A	A	B
42		Endosulfan sulfate #2	14.07	1.000	A	A	B
43		Methoxychlor #2	14.94	1.000	A	A	B
44		Mirex #2	15.32	1.000	A	A	B
45		Endrin ketone #2	15.44	1.000	A	A	B
46	S	Decachlorobiphenyl #2	18.27	1.000	A	A	B
47	L1	Chlordane (gamma) #2	9.46	1.000	A	A	B
48	L1	Chlordane (alpha) #2	9.82	1.000	A	A	B
49	L2	Toxaphene (1) #2	12.31	1.000	A	A	R

Cal A = Average L = Linear LO = Linear w/origin Q = Quad QO = Quad w/origin

A/H = Area or Height

ID R = R.T. B = R.T. & Q Q = Qvalue L = Largest A = All

80810519.M Fri May 20 13:43:15 2022 SS

CALIBRATION VERIFICATION SUMMARY

Client: Sesi Consulting Engineers
Work Order: 2051267

Lab Sample ID (50): S2E2727-CCV1(1)
File ID: 7T25711.D
Pesticides: Column 1

Init. Calib. Date(s): 05/18/2022
Date Analyzed: 05/26/2022 13:44
Matrix: Soil

Individual Mix Compound		RT WINDOW		$\overline{CF}$	CF	%D
		FROM	TO			
Aldrin	06.27	06.17	06.37	49601650	49117560	1.00
alpha-BHC	04.44	04.34	04.54	59076150	58585460	0.80
alpha-Chlordane (cis)	08.04	07.94	08.14	48543580	45788920	5.70
beta-BHC	05.05	04.95	05.15	25751840	23377280	9.20
delta-BHC	05.35	05.25	05.45	55733340	54062000	3.00
Dieldrin	08.87	08.77	08.97	45981600	44206100	3.90
Endosulfan I	08.33	08.23	08.43	46270820	43790360	5.40
Endosulfan II	09.91	09.81	10.01	43727840	39389700	9.90
Endosulfan sulfate	12.31	12.21	12.41	43406390	36919720	14.90
Endrin	09.39	09.29	09.49	43786860	41596260	5.00
Endrin aldehyde	10.99	10.89	11.09	36445620	33381560	8.40
Endrin ketone	13.12	13.02	13.22	44929990	40795000	9.20
gamma-Chlordane	07.75	07.65	07.85	49913900	47885640	4.10
gamma-BHC (Lindane)	04.92	04.82	05.02	57247180	54040820	5.60
4,4'-DDT	10.28	10.18	10.38	37148160	36145200	2.70
4,4'-DDE	08.23	08.13	08.33	42441680	43034340	1.40
4,4'-DDD	09.61	09.51	09.71	34694010	34385100	0.90
Methoxychlor	11.71	11.61	11.81	20944890	19474920	7.00
Heptachlor Epoxide	07.49	07.39	07.59	49962060	46777900	6.40
Heptachlor	05.72	05.62	05.82	57432830	54625180	4.90
Chlordane	08.04	07.94	08.14	49228740	46837280	4.90
Decachlorobiphenyl	15.88	15.78	15.98	36850800	35790780	2.90
Tetrachloro-m-xylene	03.72	03.62	03.82	37474220	35670060	4.80

* - Outside of QC limits

F-VII

CALIBRATION VERIFICATION SUMMARY

Client: Sesi Consulting Engineers
Work Order: 2051267

Lab Sample ID (50): S2E2727-CCV1(2)
 File ID: 7T25711.D
 Pesticides: Column 2

Init. Calib. Date(s): 05/18/2022
 Date Analyzed: 05/26/2022 13:44
 Matrix: Soil

Individual Mix Compound		RT WINDOW		$\overline{CF}$	CF	%D
		FROM	TO			
Aldrin [2C]	07.80	07.70	07.90	22262180	21474620	3.50
alpha-BHC [2C]	05.41	05.31	05.51	26224630	27114480	3.40
alpha-Chlordane (cis) [2C]	09.95	09.85	10.05	20868650	19595000	6.10
beta-BHC [2C]	06.27	06.17	06.37	10815130	9835186	9.10
delta-BHC [2C]	06.90	06.80	07.00	24442430	24214140	0.90
Dieldrin [2C]	10.81	10.71	10.91	19705600	19192030	2.60
Endosulfan I [2C]	10.09	09.99	10.19	19194670	18165240	5.40
Endosulfan II [2C]	12.41	12.31	12.51	19706990	17243710	12.50
Endosulfan sulfate [2C]	14.21	14.11	14.31	18327800	15261960	16.70
Endrin [2C]	11.71	11.61	11.81	18593140	17334730	6.80
Endrin aldehyde [2C]	13.43	13.33	13.53	15760100	13509020	14.30
Endrin ketone [2C]	15.57	15.47	15.67	17569370	16180510	7.90
gamma-Chlordane [2C]	09.59	09.49	09.69	21625440	20426340	5.50
gamma-BHC (Lindane) [2C]	06.11	06.01	06.21	24898800	25172340	1.10
4,4'-DDT [2C]	13.12	13.02	13.22	15059500	14771870	1.90
4,4'-DDE [2C]	10.39	10.29	10.49	17773480	17937560	0.90
4,4'-DDD [2C]	12.14	12.04	12.24	15161950	14976270	1.20
Methoxychlor [2C]	15.07	14.97	15.17	9177097	7601272	17.20
Heptachlor Epoxide [2C]	09.13	09.03	09.23	21734390	20478420	5.80
Heptachlor [2C]	07.07	06.97	07.17	25282290	24532520	3.00
Chlordane [2C]	09.95	09.85	10.05	21247050	20010670	5.80
Decachlorobiphenyl [2C]	18.39	18.29	18.49	14682320	13482940	8.20
Tetrachloro-m-xylene [2C]	04.36	04.26	04.46	16304830	15313690	6.10

* - Outside of QC limits

F-VII

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220526\7T25711.D\ECD1A.CH Vial: 3
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220526\7T25711.D\ECD2B.CH
 Acq On : 26 May 2022 13:44 Operator: sdp
 Sample : SEQ-CCV@50ppb Inst : HP G1530A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 27 14:54 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Fri May 27 14:53:52 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.72	4.36	1783.5E6	765.7E6	47.593	46.961
Spiked Amount	50.000	Range	43 - 129	Recovery	= 95.19%	93.92%
21) S Decachlorobiphen	15.88	18.39	1789.5E6	674.1E6	48.562	45.916
Spiked Amount	50.000	Range	42 - 136	Recovery	= 97.12%	91.83%
Target Compounds						
2) alpha-BHC	4.44	5.41	2929.3E6	1355.7E6	49.585	51.697
3) M gamma-BHC (Linda	4.92	6.11	2702.0E6	1258.6E6	47.200	50.549
4) M Heptachlor	5.72	7.07	2731.3E6	1226.6E6	47.556	48.517
5) beta-BHC	5.05	6.27	1168.9E6	491.8E6	45.390	45.470
6) delta-BHC	5.35	6.90	2703.1E6	1210.7E6	48.501	49.533
7) M Aldrin	6.27	7.80	2455.9E6	1073.7E6	49.512	48.231
8) Heptachlor epoxi	7.49	9.13	2338.9E6	1023.9E6	46.813	47.111
9) Endosulfan I	8.33	10.09	2189.5E6	908.3E6	47.320	47.318
10) 4,4'-DDE	8.23	10.39	2151.7E6	896.9E6	50.698	50.462
11) M Dieldrin	8.87	10.81	2210.3E6	959.6E6	48.069	48.697
12) M Endrin	9.39	11.71	2079.8E6	866.7E6	47.499	46.616
13) 4,4'-DDD	9.61	12.14	1719.3E6	748.8E6	49.555	49.388
14) Endosulfan II	9.91	12.41	1969.5E6	862.2E6	45.040	43.750
15) M 4,4'-DDT	10.28	13.12	1807.3E6	738.6E6	48.650	49.045
16) Endrin aldehyde	10.99	13.43	1669.1E6	675.5E6	45.796	42.858
17) Endosulfan sulfa	12.31	14.21	1846.0E6	763.1E6	42.528	41.636
18) Methoxychlor	11.71	15.07	973.7E6	380.1E6	46.491	41.414
19) Mirex	11.91	15.46	1603.6E6	573.3E6	44.025	42.262
20) Endrin ketone	13.12	15.57	2039.8E6	809.0E6	45.398	46.047
22) L1 Chlordane (gamma	7.75	9.59	2394.3E6	1021.3E6	47.968	47.228
23) L1 Chlordane (alpha	8.04	9.95	2289.4E6	979.8E6	47.163	46.948
Sum Chlordane (gamma)			4683.7E6	2001.1E6	95.131	94.176
Average Chlordane (gamma)					47.565	47.088
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

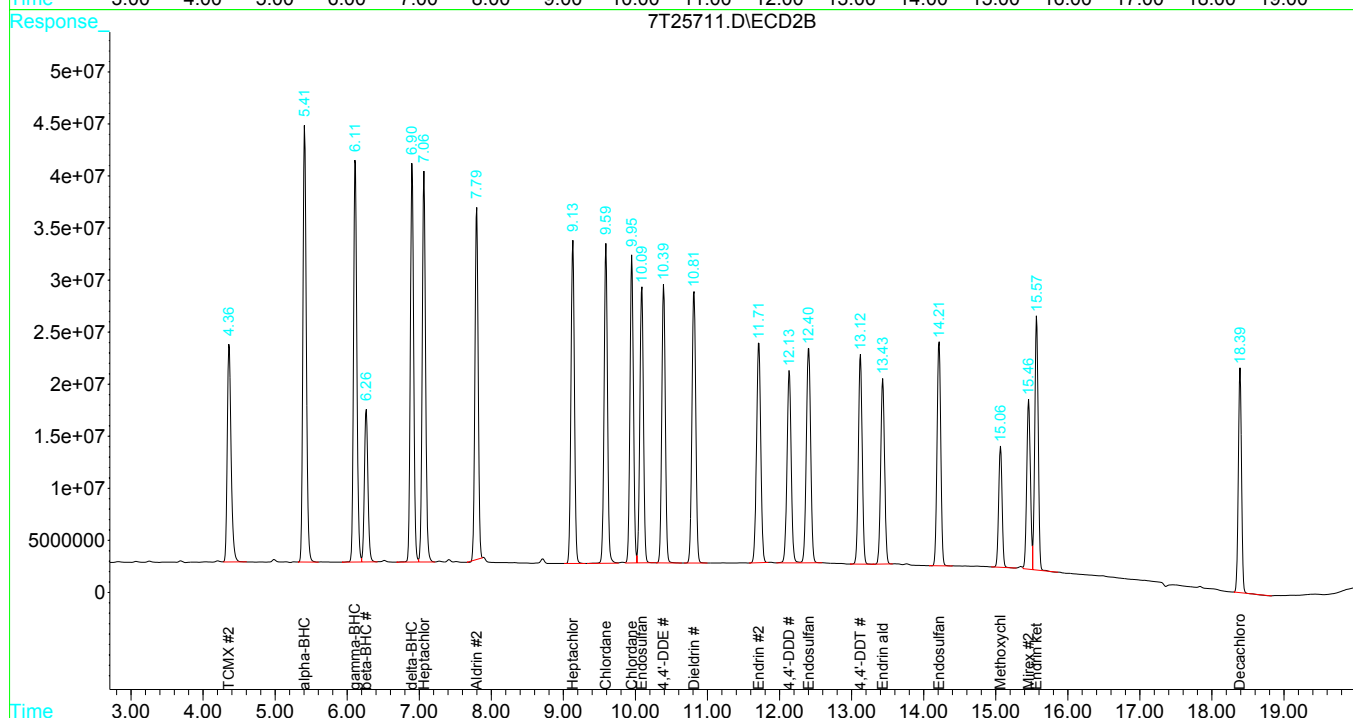
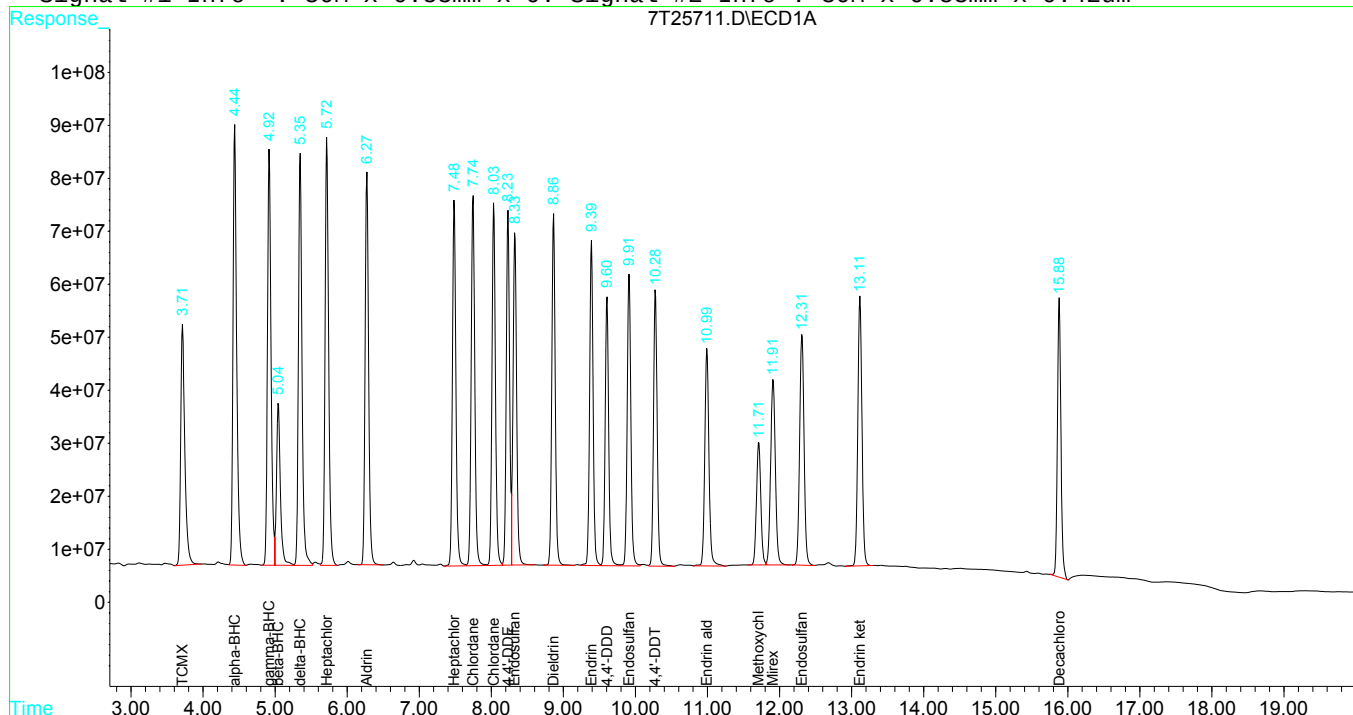
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25711.D 80810519.M Fri May 27 16:01:11 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220526\7T25711.D\ECD1A.CH Vial: 3
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220526\7T25711.D\ECD2B.CH
 Acq On : 26 May 2022 13:44 Operator: sdp
 Sample : SEQ-CCV@50ppb Inst : HP G1530A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 27 14:54 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Fri May 27 14:53:52 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



7T25711.D 80810519.M Fri May 27 16:01:12 2022 SS

Page 2

CALIBRATION VERIFICATION SUMMARY

Client: Sesi Consulting Engineers
Work Order: 2051267

Lab Sample ID (50): S2F0108-CCV1(1)
File ID: 7T25774.D
Pesticides: Column 1

Init. Calib. Date(s): 05/18/2022
Date Analyzed: 05/29/2022 14:06
Matrix: Soil

Individual Mix Compound		RT WINDOW		$\overline{CF}$	CF	%D
		FROM	TO			
Aldrin	06.31	06.21	06.41	49601650	50946340	2.70
alpha-BHC	04.47	04.37	04.57	59076150	59631980	0.90
alpha-Chlordane (cis)	08.08	07.98	08.18	48543580	47216980	2.70
beta-BHC	05.08	04.98	05.18	25751840	24110220	6.40
delta-BHC	05.38	05.28	05.48	55733340	55666320	0.10
Dieldrin	08.91	08.81	09.01	45981600	45252580	1.60
Endosulfan I	08.37	08.27	08.47	46270820	45322520	2.00
Endosulfan II	09.96	09.86	10.06	43727840	41433720	5.20
Endosulfan sulfate	12.37	12.27	12.47	43406390	39405380	9.20
Endrin	09.44	09.34	09.54	43786860	44081840	0.70
Endrin aldehyde	11.04	10.94	11.14	36445620	34027400	6.60
Endrin ketone	13.17	13.07	13.27	44929990	42566620	5.30
gamma-Chlordane	07.79	07.69	07.89	49913900	49574780	0.70
gamma-BHC (Lindane)	04.95	04.85	05.05	57247180	55008140	3.90
4,4'-DDT	10.32	10.22	10.42	37148160	38709780	4.20
4,4'-DDE	08.27	08.17	08.37	42441680	44463540	4.80
4,4'-DDD	09.65	09.55	09.75	34694010	36028360	3.80
Methoxychlor	11.77	11.67	11.87	20944890	20693760	1.20
Heptachlor Epoxide	07.53	07.43	07.63	49962060	48265220	3.40
Heptachlor	05.76	05.66	05.86	57432830	56437040	1.70
Chlordane	08.08	07.98	08.18	49228740	48395880	1.70
Decachlorobiphenyl	15.92	15.82	16.02	36850800	38466900	4.40
Tetrachloro-m-xylene	03.75	03.65	03.85	37474220	36167080	3.50

* - Outside of QC limits

F-VII

CALIBRATION VERIFICATION SUMMARY

Client: Sesi Consulting Engineers
Work Order: 2051267

Lab Sample ID (50): S2F0108-CCV1(2) Init. Calib. Date(s): 05/18/2022
 File ID: 7T25774.D Date Analyzed: 05/29/2022 14:06
 Pesticides: Column 2 Matrix: Soil

Individual Mix Compound		RT WINDOW		$\overline{CF}$	CF	%D
		FROM	TO			
Aldrin [2C]	07.84	07.74	07.94	22262180	22344200	0.40
alpha-BHC [2C]	05.45	05.35	05.55	26224630	26829840	2.30
alpha-Chlordane (cis) [2C]	10.00	09.90	10.10	20868650	19690940	5.60
beta-BHC [2C]	06.30	06.20	06.40	10815130	9837960	9.00
delta-BHC [2C]	06.94	06.84	07.04	24442430	24234180	0.90
Dieldrin [2C]	10.86	10.76	10.96	19705600	19348980	1.80
Endosulfan I [2C]	10.13	10.03	10.23	19194670	18266610	4.80
Endosulfan II [2C]	12.46	12.36	12.56	19706990	17514390	11.10
Endosulfan sulfate [2C]	14.26	14.16	14.36	18327800	15893380	13.30
Endrin [2C]	11.77	11.67	11.87	18593140	17996760	3.20
Endrin aldehyde [2C]	13.48	13.38	13.58	15760100	13506840	14.30
Endrin ketone [2C]	15.61	15.51	15.71	17569370	16473370	6.20
gamma-Chlordane [2C]	09.64	09.54	09.74	21625440	20543500	5.00
gamma-BHC (Lindane) [2C]	06.15	06.05	06.25	24898800	24997980	0.40
4,4'-DDT [2C]	13.17	13.07	13.27	15059500	15317050	1.70
4,4'-DDE [2C]	10.44	10.34	10.54	17773480	18056540	1.60
4,4'-DDD [2C]	12.19	12.09	12.29	15161950	14985340	1.20
Methoxychlor [2C]	15.11	15.01	15.21	9177097	7925164	13.60
Heptachlor Epoxide [2C]	09.18	09.08	09.28	21734390	20515120	5.60
Heptachlor [2C]	07.11	07.01	07.21	25282290	24623620	2.60
Chlordane [2C]	10.00	09.90	10.10	21247050	20117220	5.30
Decachlorobiphenyl [2C]	18.43	18.33	18.53	14682320	13554760	7.70
Tetrachloro-m-xylene [2C]	04.40	04.30	04.50	16304830	14955050	8.30

* - Outside of QC limits

F-VII

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25774.D\ECD1A.CH Vial: 3
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25774.D\ECD2B.CH
 Acq On : 29 May 2022 14:06 Operator: sdp
 Sample : SEQ-CCV@50ppb Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 31 16:34 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.75	4.40	1808.4E6	747.8E6	48.256	45.861
Spiked Amount	50.000	Range	43 - 129	Recovery	= 96.51%	91.72%
21) S Decachlorobiphen	15.92	18.43	1923.3E6	677.7E6	52.193	46.160
Spiked Amount	50.000	Range	42 - 136	Recovery	= 104.39%	92.32%
Target Compounds						
2) alpha-BHC	4.47	5.45	2981.6E6	1341.5E6	50.470	51.154
3) M gamma-BHC (Linda	4.95	6.15	2750.4E6	1249.9E6	48.044	50.199
4) M Heptachlor	5.76	7.11	2821.9E6	1231.2E6	49.133	48.697
5) beta-BHC	5.08	6.30	1205.5E6	491.9E6	46.813	45.482
6) delta-BHC	5.38	6.94	2783.3E6	1211.7E6	49.940	49.574
7) M Aldrin	6.31	7.84	2547.3E6	1117.2E6	51.355	50.184
8) Heptachlor epoxi	7.53	9.18	2413.3E6	1025.8E6	48.302	47.195
9) Endosulfan I	8.37	10.13	2266.1E6	913.3E6	48.975	47.583
10) 4,4'-DDE	8.27	10.44	2223.2E6	902.8E6	52.382	50.796
11) M Dieldrin	8.91	10.86	2262.6E6	967.4E6	49.207	49.095
12) M Endrin	9.44	11.77	2204.1E6	899.8E6	50.337	48.396
13) 4,4'-DDD	9.65	12.19	1801.4E6	749.3E6	51.923	49.418
14) Endosulfan II	9.96	12.46	2071.7E6	875.7E6	47.377	44.437
15) M 4,4'-DDT	10.32	13.17	1935.5E6	765.9E6	52.102	50.855
16) Endrin aldehyde	11.04	13.48	1701.4E6	675.3E6	46.682	42.851
17) Endosulfan sulfa	12.37	14.26	1970.3E6	794.7E6	45.391	43.359
18) Methoxychlor	11.77	15.11	1034.7E6	396.3E6	49.400	43.179
20) Endrin ketone	13.17	15.61	2128.3E6	823.7E6	47.370	46.881
22) L1 Chlordane (gamma	7.79	9.64	2478.7E6	1027.2E6	49.660	47.498
23) L1 Chlordane (alpha	8.08	10.00	2360.8E6	984.5E6	48.634	47.178
Sum Chlordane (gamma)			4839.6E6	2011.7E6	98.294	94.677
Average Chlordane (gamma)					49.147	47.338
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

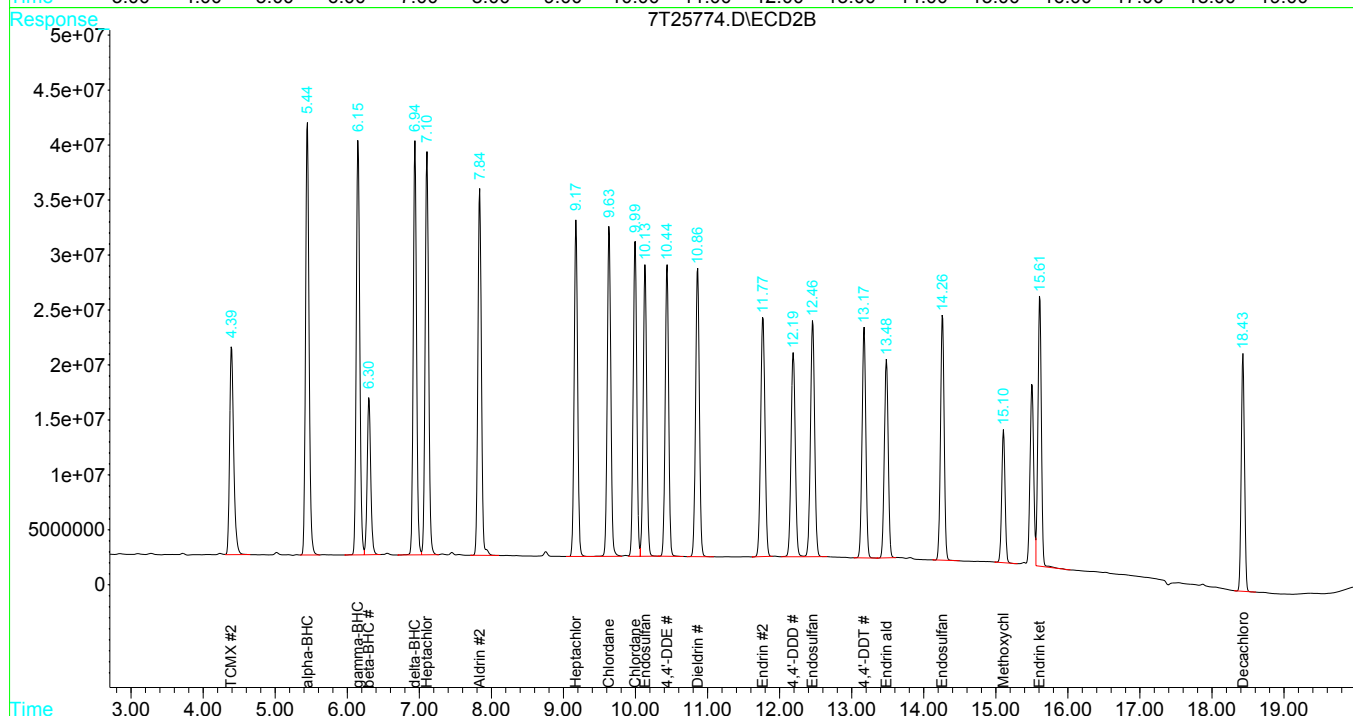
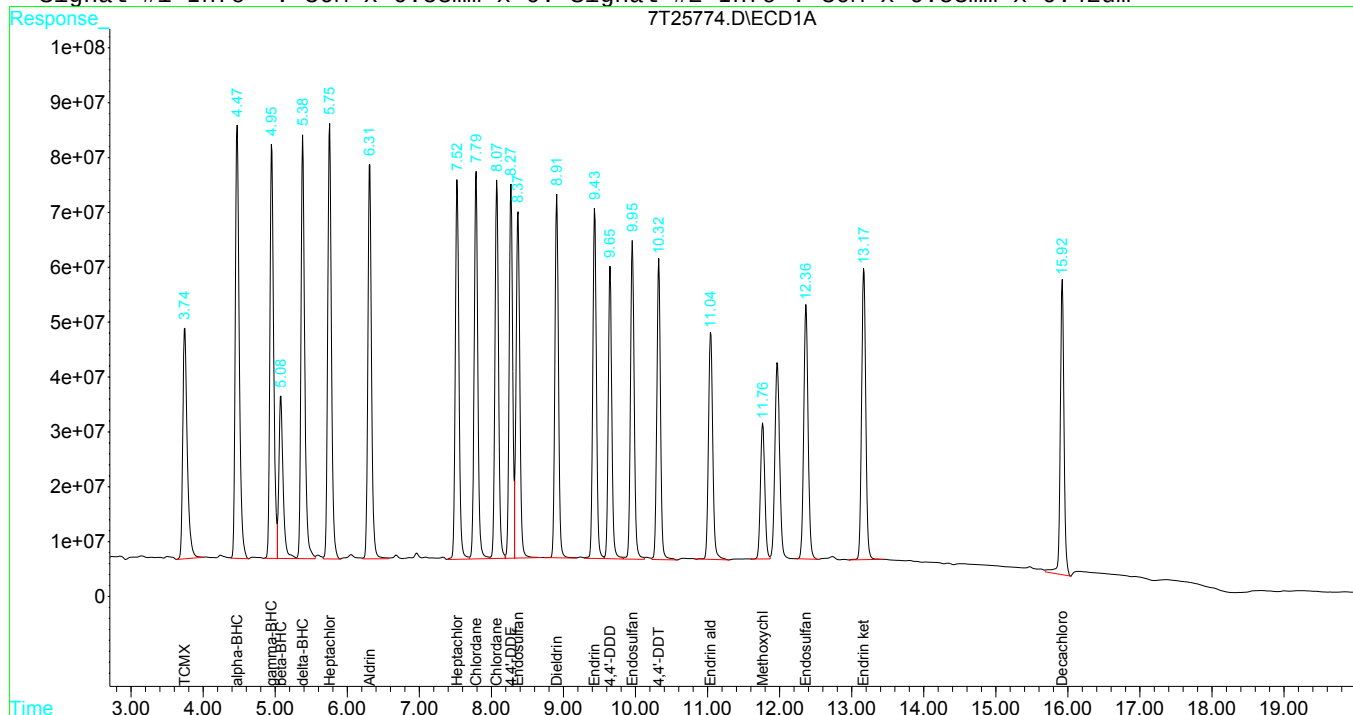
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25774.D 80810519.M Wed Jun 01 11:23:00 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220529\7T25774.D\ECD1A.CH Vial: 3
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220529\7T25774.D\ECD2B.CH
 Acq On : 29 May 2022 14:06 Operator: sdp
 Sample : SEQ-CCV@50ppb Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: May 31 16:34 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Tue May 31 10:34:06 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



7T25774.D 80810519.M Wed Jun 01 11:23:01 2022 SS

Page 2

CALIBRATION VERIFICATION SUMMARY

Client: Sesi Consulting Engineers
Work Order: 2051267

Lab Sample ID (50): S2F0213-CCV1(1)
File ID: 7T25832.D
Pesticides: Column 1

Init. Calib. Date(s): 05/18/2022
Date Analyzed: 06/01/2022 17:34
Matrix: Soil

Individual Mix Compound		RT WINDOW		$\overline{CF}$	CF	%D
		FROM	TO			
Aldrin	06.32	06.22	06.42	49601650	55016700	10.90
alpha-BHC	04.48	04.38	04.58	59076150	64976520	10.00
alpha-Chlordane (cis)	08.09	07.99	08.19	48543580	51288960	5.70
beta-BHC	05.09	04.99	05.19	25751840	25642520	0.40
delta-BHC	05.39	05.29	05.49	55733340	60197040	8.00
Dieldrin	08.92	08.82	09.02	45981600	49634040	7.90
Endosulfan I	08.38	08.28	08.48	46270820	49552580	7.10
Endosulfan II	09.97	09.87	10.07	43727840	43471760	0.60
Endosulfan sulfate	12.39	12.29	12.49	43406390	41181240	5.10
Endrin	09.45	09.35	09.55	43786860	46479380	6.10
Endrin aldehyde	11.06	10.96	11.16	36445620	35379900	2.90
Endrin ketone	13.19	13.09	13.29	44929990	44712940	0.50
gamma-Chlordane	07.80	07.70	07.90	49913900	52119700	4.40
gamma-BHC (Lindane)	04.96	04.86	05.06	57247180	59859540	4.60
4,4'-DDT	10.34	10.24	10.44	37148160	39609440	6.60
4,4'-DDE	08.29	08.19	08.39	42441680	46348680	9.20
4,4'-DDD	09.67	09.57	09.77	34694010	36696920	5.80
Methoxychlor	11.79	11.69	11.89	20944890	20478480	2.20
Heptachlor Epoxide	07.54	07.44	07.64	49962060	51226600	2.50
Heptachlor	05.77	05.67	05.87	57432830	60159060	4.70
Chlordane	08.09	07.99	08.19	49228740	51704340	5.00
Decachlorobiphenyl	15.94	15.84	16.04	36850800	37086220	0.60
Tetrachloro-m-xylene	03.75	03.65	03.85	37474220	38833460	3.60

* - Outside of QC limits

F-VII

CALIBRATION VERIFICATION SUMMARY

Client: Sesi Consulting Engineers
Work Order: 2051267

Lab Sample ID (50): S2F0213-CCV1(2) Init. Calib. Date(s): 05/18/2022
 File ID: 7T25832.D Date Analyzed: 06/01/2022 17:34
 Pesticides: Column 2 Matrix: Soil

Individual Mix Compound		RT WINDOW		$\overline{CF}$	CF	%D
		FROM	TO			
Aldrin [2C]	07.85	07.75	07.95	22262180	24005760	7.80
alpha-BHC [2C]	05.46	05.36	05.56	26224630	29161600	11.20
alpha-Chlordane (cis) [2C]	10.01	09.91	10.11	20868650	21235580	1.80
beta-BHC [2C]	06.31	06.21	06.41	10815130	10633320	1.70
delta-BHC [2C]	06.95	06.85	07.05	24442430	26176460	7.10
Dieldrin [2C]	10.88	10.78	10.98	19705600	20945580	6.30
Endosulfan I [2C]	10.15	10.05	10.25	19194670	19789530	3.10
Endosulfan II [2C]	12.48	12.38	12.58	19706990	18922880	4.00
Endosulfan sulfate [2C]	14.28	14.18	14.38	18327800	16825720	8.20
Endrin [2C]	11.79	11.69	11.89	18593140	19525570	5.00
Endrin aldehyde [2C]	13.50	13.40	13.60	15760100	14511710	7.90
Endrin ketone [2C]	15.62	15.52	15.72	17569370	17728280	0.90
gamma-Chlordane [2C]	09.65	09.55	09.75	21625440	22003700	1.70
gamma-BHC (Lindane) [2C]	06.16	06.06	06.26	24898800	27144440	9.00
4,4'-DDT [2C]	13.19	13.09	13.29	15059500	16167110	7.40
4,4'-DDE [2C]	10.46	10.36	10.56	17773480	19241500	8.30
4,4'-DDD [2C]	12.21	12.11	12.31	15161950	15687360	3.50
Methoxychlor [2C]	15.13	15.03	15.23	9177097	8495790	7.40
Heptachlor Epoxide [2C]	09.19	09.09	09.29	21734390	22194980	2.10
Heptachlor [2C]	07.12	07.02	07.22	25282290	26902560	6.40
Chlordane [2C]	10.01	09.91	10.11	21247050	21619640	1.80
Decachlorobiphenyl [2C]	18.45	18.35	18.55	14682320	15194600	3.50
Tetrachloro-m-xylene [2C]	04.40	04.30	04.50	16304830	17190670	5.40

* - Outside of QC limits

F-VII

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25832.D\ECD1A.CH Vial: 3
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25832.D\ECD2B.CH
 Acq On : 1 Jun 2022 17:34 Operator: sdp
 Sample : SEQ-CCV@50ppb Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 12:57 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Initial Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	3.75	4.40	1941.7E6	859.5E6	51.814	52.717
Spiked Amount	50.000	Range	43 - 129	Recovery =	103.63%	105.43%
21) S Decachlorobiphen	15.94	18.45	1854.3E6	759.7E6	50.319m	51.745
Spiked Amount	50.000	Range	42 - 136	Recovery =	100.64%	103.49%
Target Compounds						
2) alpha-BHC	4.48	5.46	3248.8E6	1458.1E6	54.994	55.600
3) M gamma-BHC (Linda	4.96	6.16	2993.0E6	1357.2E6	52.282	54.510
4) M Heptachlor	5.77	7.12	3008.0E6	1345.1E6	52.373	53.204
5) beta-BHC	5.09	6.31	1282.1E6	531.7E6	49.788	49.159
6) delta-BHC	5.39	6.95	3009.9E6	1308.8E6	54.005	53.547
7) M Aldrin	6.32	7.85	2750.8E6	1200.3E6	55.459	53.916
8) Heptachlor epoxi	7.54	9.19	2561.3E6	1109.7E6	51.266	51.060
9) Endosulfan I	8.38	10.15	2477.6E6	989.5E6	53.546	51.550
10) 4,4'-DDE	8.29	10.46	2317.4E6	962.1E6	54.603	54.130
11) M Dieldrin	8.92	10.88	2481.7E6	1047.3E6	53.972	53.146
12) M Endrin	9.45	11.79	2324.0E6	976.3E6	53.075	52.507
13) 4,4'-DDD	9.67	12.21	1834.8E6	784.4E6	52.887	51.733
14) Endosulfan II	9.97	12.48	2173.6E6	946.1E6	49.707	48.011
15) M 4,4'-DDT	10.34	13.19	1980.5E6	808.4E6	53.313	53.677
16) Endrin aldehyde	11.06	13.50	1769.0E6	725.6E6	48.538	46.039
17) Endosulfan sulfa	12.39	14.28	2059.1E6	841.3E6	47.437	45.902
18) Methoxychlor	11.79	15.13	1023.9E6	424.8E6	48.887	46.288
19) Mirex	11.99	15.52	1794.4E6	637.1E6	49.264	46.970
20) Endrin ketone	13.19	15.62	2235.6E6	886.4E6	49.758	50.452m
22) L1 Chlordane (gamma	7.80	9.65	2606.0E6	1100.2E6	52.210	50.875
23) L1 Chlordane (alpha	8.09	10.01	2564.4E6	1061.8E6	52.828	50.879
Sum Chlordane (gamma)			5170.4E6	2162.0E6	105.037	101.754
Average Chlordane (gamma)					52.519	50.877
Sum Toxaphene (1)			0	0	N.D.	N.D.
Average Toxaphene (1)					0.000	0.000

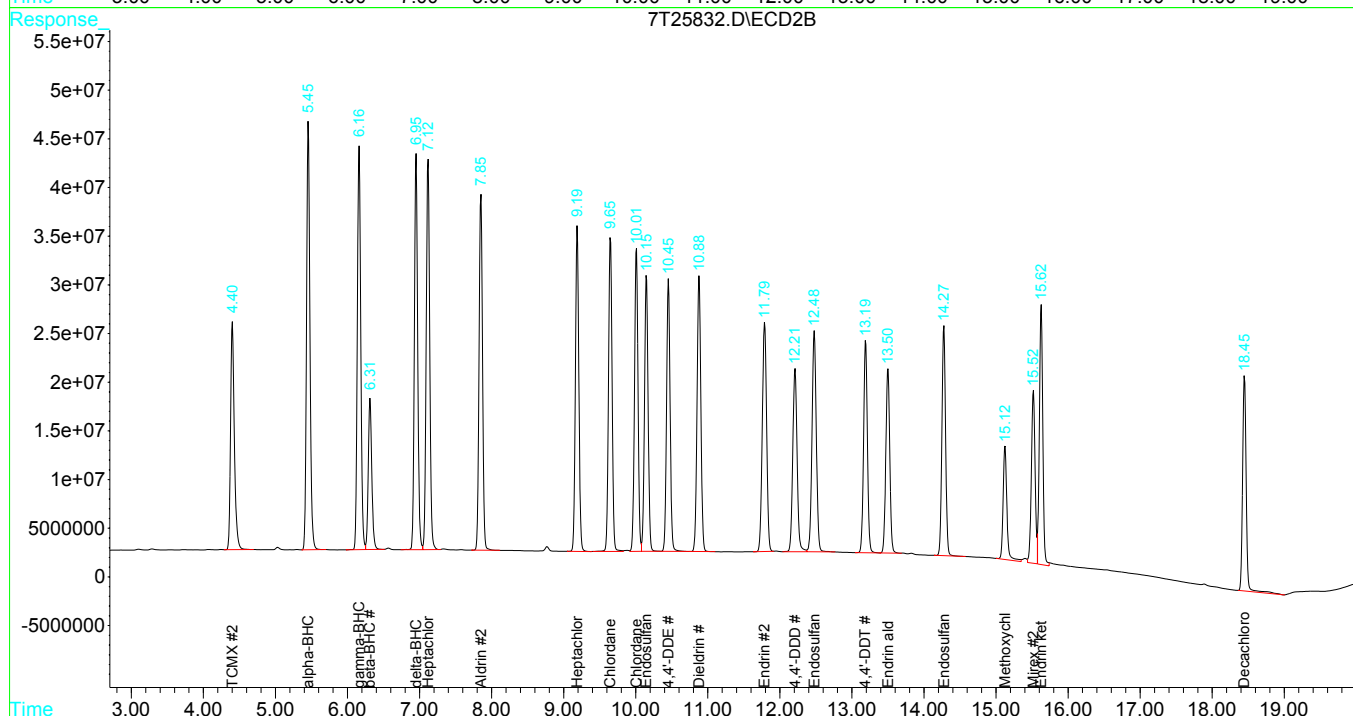
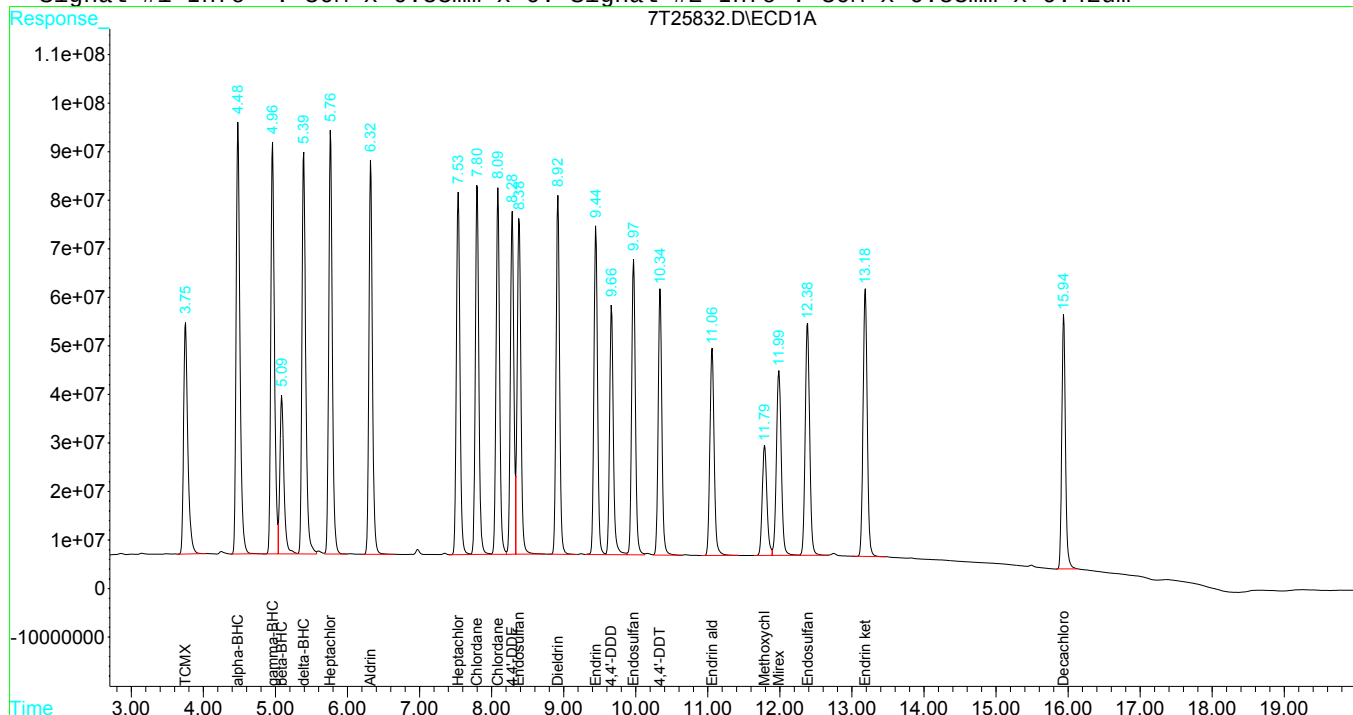
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 7T25832.D 80810519.M Thu Jun 02 17:27:29 2022 SS

Quantitation Report (QT Reviewed)

Signal #1 : G:\HPCHEM\GCECD7\DATA\20220601\7T25832.D\ECD1A.CH Vial: 3
 Signal #2 : G:\HPCHEM\GCECD7\DATA\20220601\7T25832.D\ECD2B.CH
 Acq On : 1 Jun 2022 17:34 Operator: sdp
 Sample : SEQ-CCV@50ppb Inst : GCECD-7
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Jun 2 12:57 2022 Quant Results File: 80810519.RES

Quant Method : G:\HPCHEM\G...80810519.M (Chemstation Integrator)
 Title : Pesticides by Method SW-846 8081B
 Last Update : Wed Jun 01 11:24:18 2022
 Response via : Multiple Level Calibration
 DataAcq Meth : RUNPEST.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



7T25832.D 80810519.M Thu Jun 02 17:27:30 2022 SS

Page 2



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

GENERAL CHEMISTRY

Sesi Consulting Engineers

Work Order: 2051267

Project: 3 North Castle Dr.



11.

ANALYSIS DATA SHEET

General Chemistry

Client: Sesi Consulting Engineers

Project: 3 North Castle Dr.

Work Order: 2051267

General Chemistry

2051267-01 (Soil) - SS-1

Analyte	Units	Conc.	MDL	DF	Qual	Analyzed	Method
Percent Solids	%	66.1		1		05/25/22 11:11	Gravimetric

2051267-02 (Soil) - SS-2

Analyte	Units	Conc.	MDL	DF	Qual	Analyzed	Method
Percent Solids	%	68.6		1		05/25/22 11:11	Gravimetric

2051267-03 (Soil) - SS-3

Analyte	Units	Conc.	MDL	DF	Qual	Analyzed	Method
Percent Solids	%	81.4		1		05/25/22 11:11	Gravimetric

2051267-04 (Soil) - SS-4

Analyte	Units	Conc.	MDL	DF	Qual	Analyzed	Method
Percent Solids	%	79.4		1		05/25/22 11:11	Gravimetric

2051267-05 (Soil) - SS-5

Analyte	Units	Conc.	MDL	DF	Qual	Analyzed	Method
Percent Solids	%	77.4		1		05/25/22 11:11	Gravimetric

ND - Indicates compound analyzed for but not detected

J - Indicates estimated value

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

H - Indicates a Hold Time violation

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit, RL - Reporting limit

F-III

ANALYTICAL RESULTS

STANDARD DELIVERABLES FORMAT

APL WORK ORDER NUMBER: 2110391

Sesi Consulting Engineers

Project: 3 North Castle Rd.

A handwritten signature in black ink, appearing to read "Brian Wood".

Brian Wood
Laboratory Director

All Results meet the requirements of the National Environmental Laboratory Accreditation Conference and/or
State specific certifications as applicable.

Report Date: Jan 13, 2023

Analytical Results Summary

3 North Castle Rd.

2110391-01 (Soil)

SB-28 (0-6")

Collected 11/08/2022 08:00	Received 11/08/2022 15:56	Contact Todd Kelly
-------------------------------	------------------------------	-----------------------

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	85.8				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:18	9.40			1.46	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:18	31.6			1.46	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	0.00600		0.000693	0.00151	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/16/22 22:15	0.410	D	0.00828	0.0151	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/16/22 22:15	0.0366	D	0.0107	0.0151	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000718	0.00151	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000451	0.00151	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000724	0.00151	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000673	0.00151	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000704	0.00151	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	0.00247		0.000792	0.00151	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000715	0.00151	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000689	0.00151	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000570	0.00151	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000689	0.00151	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000523	0.00151	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000604	0.00151	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000534	0.00151	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000480	0.00151	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000405	0.00151	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000764	0.00151	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.000444	0.00151	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/15/22 22:03	ND	U	0.0730	0.0769	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-02 (Soil)

SB-28 (6"-12")

Collected
11/08/2022 08:01

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis									
Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units		
General Chemistry									
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	90.7			%		
Pesticides									
4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000656	0.00143	mg/kg dry	
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	0.00319		0.000784	0.00143	mg/kg dry	
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.00101	0.00143	mg/kg dry	
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000679	0.00143	mg/kg dry	
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000427	0.00143	mg/kg dry	
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000685	0.00143	mg/kg dry	
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000637	0.00143	mg/kg dry	
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000666	0.00143	mg/kg dry	
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000750	0.00143	mg/kg dry	
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000677	0.00143	mg/kg dry	
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000652	0.00143	mg/kg dry	
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000539	0.00143	mg/kg dry	
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000652	0.00143	mg/kg dry	
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000495	0.00143	mg/kg dry	
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000571	0.00143	mg/kg dry	
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000505	0.00143	mg/kg dry	
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000454	0.00143	mg/kg dry	
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000384	0.00143	mg/kg dry	
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000723	0.00143	mg/kg dry	
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.000420	0.00143	mg/kg dry	
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 00:03	ND	U	0.0691	0.0728	mg/kg dry	

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-04 (Soil)

SB-21 (0-6")

Collected
11/08/2022 08:05

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	83.0				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:21	5.09			1.51	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:21	35.2			1.51	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	0.00789		0.000716	0.00157	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/16/22 22:37	0.179	D	0.00428	0.00783	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	0.0484		0.00111	0.00157	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000742	0.00157	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000466	0.00157	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000748	0.00157	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	0.0359		0.000696	0.00157	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000727	0.00157	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	0.00104	J	0.000819	0.00157	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000739	0.00157	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000712	0.00157	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000589	0.00157	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000712	0.00157	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000541	0.00157	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000624	0.00157	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000551	0.00157	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000496	0.00157	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000419	0.00157	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000790	0.00157	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.000459	0.00157	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/15/22 22:25	ND	U	0.0754	0.0795	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-05 (Soil)

SB-21 (6"-12")

Collected
11/08/2022 08:06

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis									
Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units		
General Chemistry									
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	79.0			%		
Pesticides									
4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	0.0261		0.000753	0.00165	mg/kg dry	
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/23/22 02:29	0.455	D	0.00900	0.0165	mg/kg dry	
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/23/22 02:29	0.0744	D	0.0116	0.0165	mg/kg dry	
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000780	0.00165	mg/kg dry	
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000490	0.00165	mg/kg dry	
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000786	0.00165	mg/kg dry	
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	0.0192		0.000732	0.00165	mg/kg dry	
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000764	0.00165	mg/kg dry	
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000861	0.00165	mg/kg dry	
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000777	0.00165	mg/kg dry	
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000748	0.00165	mg/kg dry	
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000619	0.00165	mg/kg dry	
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000748	0.00165	mg/kg dry	
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000568	0.00165	mg/kg dry	
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000656	0.00165	mg/kg dry	
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000580	0.00165	mg/kg dry	
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000521	0.00165	mg/kg dry	
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000440	0.00165	mg/kg dry	
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000830	0.00165	mg/kg dry	
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.000482	0.00165	mg/kg dry	
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 00:25	ND	U	0.0793	0.0835	mg/kg dry	

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-07 (Soil)

SB-24 (0-6")

Collected
11/08/2022 08:10

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/								
Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	89.1				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:23	9.83			1.40	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:23	38.5			1.40	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	0.0136		0.000668	0.00146	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/16/22 23:00	0.134	D	0.00399	0.00730	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	0.0216		0.00103	0.00146	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000692	0.00146	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000434	0.00146	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000697	0.00146	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000649	0.00146	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000678	0.00146	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000763	0.00146	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000689	0.00146	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000663	0.00146	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000549	0.00146	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000663	0.00146	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000504	0.00146	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000582	0.00146	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000514	0.00146	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000463	0.00146	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000391	0.00146	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000736	0.00146	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.000428	0.00146	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/15/22 22:47	ND	U	0.0703	0.0741	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-08 (Soil)

SB-24 (6"-12")

Collected
11/08/2022 08:11

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	87.9				%
Pesticides								
4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/23/22 02:51	0.159	D	0.00677	0.0148	mg/kg dry
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/23/22 02:51	0.223	D	0.00809	0.0148	mg/kg dry
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/23/22 02:51	0.124	D	0.0104	0.0148	mg/kg dry
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000701	0.00148	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000440	0.00148	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000707	0.00148	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	0.00791		0.000658	0.00148	mg/kg dry
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000687	0.00148	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000774	0.00148	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000699	0.00148	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000673	0.00148	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000556	0.00148	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000673	0.00148	mg/kg dry
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000511	0.00148	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000589	0.00148	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000521	0.00148	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000469	0.00148	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000396	0.00148	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000747	0.00148	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.000434	0.00148	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 00:47	ND	U	0.0713	0.0751	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-09 (Soil)

SB-24 (12"-18")

Collected 11/08/2022 08:12	Received 11/08/2022 15:56	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
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General Chemistry

Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	86.0				%
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Pesticides

4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	0.00500		0.000692	0.00151	mg/kg dry
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	0.0395		0.000827	0.00151	mg/kg dry
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	0.0175		0.00107	0.00151	mg/kg dry
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000716	0.00151	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000450	0.00151	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000722	0.00151	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000672	0.00151	mg/kg dry
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000702	0.00151	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000791	0.00151	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000714	0.00151	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000687	0.00151	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000569	0.00151	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000687	0.00151	mg/kg dry
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000522	0.00151	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000602	0.00151	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000533	0.00151	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000479	0.00151	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000405	0.00151	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000763	0.00151	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.000443	0.00151	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 01:10	ND	U	0.0728	0.0767	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-10 (Soil)

SB-18 (0-6")

Collected 11/08/2022 08:15	Received 11/08/2022 15:56	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	78.1				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:26	4.18			1.54	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:26	36.6			1.54	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	0.00528		0.000762	0.00166	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	0.0422		0.000910	0.00166	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	0.0104		0.00118	0.00166	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000789	0.00166	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000495	0.00166	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000795	0.00166	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000740	0.00166	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000773	0.00166	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000870	0.00166	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000786	0.00166	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000757	0.00166	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000626	0.00166	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000757	0.00166	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000575	0.00166	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000663	0.00166	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000586	0.00166	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000527	0.00166	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000445	0.00166	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000840	0.00166	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.000488	0.00166	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/15/22 23:10	ND	U	0.0802	0.0845	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.
2110391-11 (Soil)

SB-18 (6"-12")

Collected 11/08/2022 08:16	Received 11/08/2022 15:56	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	83.2				%
Pesticides								
4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	0.00925		0.000715	0.00156	mg/kg dry
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	0.0412		0.000854	0.00156	mg/kg dry
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	0.00968		0.00110	0.00156	mg/kg dry
Aldrin	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000740	0.00156	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000465	0.00156	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000746	0.00156	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	0.00312		0.000694	0.00156	mg/kg dry
delta-BHC	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000726	0.00156	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000817	0.00156	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000738	0.00156	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000710	0.00156	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000588	0.00156	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000710	0.00156	mg/kg dry
Endrin	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000539	0.00156	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000622	0.00156	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000550	0.00156	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000495	0.00156	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000418	0.00156	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000788	0.00156	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.000458	0.00156	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 08:25	11/30/22 20:53	ND	U	0.0752	0.0793	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-13 (Soil)

SB-15 (0-6")

Collected
11/08/2022 08:20

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	78.6				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:29	4.75			1.62	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:29	37.5			1.62	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	0.00583		0.000757	0.00165	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	0.0174		0.000905	0.00165	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	0.00152	J	0.00117	0.00165	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000784	0.00165	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000493	0.00165	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000790	0.00165	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000736	0.00165	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000769	0.00165	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000866	0.00165	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000782	0.00165	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000752	0.00165	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000622	0.00165	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000752	0.00165	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000572	0.00165	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000659	0.00165	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000583	0.00165	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000524	0.00165	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000443	0.00165	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000835	0.00165	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.000485	0.00165	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/15/22 23:32	ND	U	0.0797	0.0840	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-14 (Soil)

SB-15 (6"-12")

Collected 11/08/2022 08:21	Received 11/08/2022 15:56	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
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General Chemistry

Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	87.8				%
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Pesticides

4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	0.0157		0.000678	0.00148	mg/kg dry
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	0.0744		0.000810	0.00148	mg/kg dry
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	0.0514		0.00105	0.00148	mg/kg dry
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000702	0.00148	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000441	0.00148	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000707	0.00148	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000658	0.00148	mg/kg dry
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000688	0.00148	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000774	0.00148	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000699	0.00148	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000673	0.00148	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000557	0.00148	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000673	0.00148	mg/kg dry
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000511	0.00148	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000590	0.00148	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000522	0.00148	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000469	0.00148	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000396	0.00148	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000747	0.00148	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.000434	0.00148	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 01:32	ND	U	0.0713	0.0752	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-16 (Soil)

SB-11 (0-6")

Collected 11/08/2022 08:25	Received 11/08/2022 15:56	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	87.5				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:32	4.21			1.41	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:32	38.8			1.41	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	0.00772		0.000680	0.00149	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	0.0117		0.000813	0.00149	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	0.00304		0.00105	0.00149	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000704	0.00149	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000442	0.00149	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000710	0.00149	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000661	0.00149	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000690	0.00149	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	0.000876	J	0.000777	0.00149	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000702	0.00149	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000675	0.00149	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000559	0.00149	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000675	0.00149	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000513	0.00149	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000592	0.00149	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000523	0.00149	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000471	0.00149	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000398	0.00149	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000750	0.00149	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.000435	0.00149	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/15/22 23:54	ND	U	0.0716	0.0754	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-17 (Soil)

SB-11 (6"-12")

Collected
11/08/2022 08:26

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis								
Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units	
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	88.6			%	
Pesticides								
4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	0.00482	0.000672	0.00147	mg/kg dry	
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	0.00877	0.000803	0.00147	mg/kg dry	
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	0.00488	0.00104	0.00147	mg/kg dry	
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000695	0.00147	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000437	0.00147	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000701	0.00147	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	0.0144	0.000652	0.00147	mg/kg dry	
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000682	0.00147	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000768	0.00147	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000693	0.00147	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000667	0.00147	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000552	0.00147	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000667	0.00147	mg/kg dry
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000507	0.00147	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000585	0.00147	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000517	0.00147	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000465	0.00147	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000393	0.00147	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000741	0.00147	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.000430	0.00147	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 01:54	ND	U	0.0707	0.0745	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-19 (Soil)

SB-9 (0-6")

Collected 11/08/2022 08:30	Received 11/08/2022 15:56	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	80.7				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:35	5.44			1.50	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:35	44.8			1.50	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	0.00991		0.000737	0.00161	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	0.0393		0.000881	0.00161	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	0.00714		0.00114	0.00161	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000763	0.00161	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000479	0.00161	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000769	0.00161	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	0.0255		0.000716	0.00161	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000748	0.00161	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	0.00236		0.000842	0.00161	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000761	0.00161	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000732	0.00161	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000606	0.00161	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000732	0.00161	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000556	0.00161	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000642	0.00161	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000567	0.00161	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000510	0.00161	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000431	0.00161	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000813	0.00161	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.000472	0.00161	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/16/22 00:16	ND	U	0.0776	0.0817	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-20 (Soil)

SB-9 (6-12")

Collected
11/08/2022 08:31

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis								
Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units	
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	88.8			%	
Pesticides								
4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	0.00199	0.000670	0.00146	mg/kg dry	
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	0.00701	0.000800	0.00146	mg/kg dry	
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	0.00172	0.00103	0.00146	mg/kg dry	
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000693	0.00146 mg/kg dry	
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000436	0.00146 mg/kg dry	
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000699	0.00146 mg/kg dry	
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	0.0141	0.000651	0.00146	mg/kg dry	
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000680	0.00146 mg/kg dry	
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000765	0.00146 mg/kg dry	
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000691	0.00146 mg/kg dry	
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000665	0.00146 mg/kg dry	
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000550	0.00146 mg/kg dry	
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000665	0.00146 mg/kg dry	
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000505	0.00146 mg/kg dry	
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000583	0.00146 mg/kg dry	
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000516	0.00146 mg/kg dry	
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000464	0.00146 mg/kg dry	
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000392	0.00146 mg/kg dry	
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000738	0.00146 mg/kg dry	
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.000429	0.00146 mg/kg dry	
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 02:16	ND	U	0.0705	0.0743 mg/kg dry	

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-22 (Soil)

SB-7 (0-6")

Collected 11/08/2022 08:35	Received 11/08/2022 15:56	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	87.6				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:37	2.71			1.38	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:37	29.9			1.38	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	0.00561		0.000679	0.00148	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	0.0183		0.000811	0.00148	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.00105	0.00148	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000703	0.00148	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000442	0.00148	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000709	0.00148	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000659	0.00148	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000689	0.00148	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000776	0.00148	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000701	0.00148	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000674	0.00148	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000558	0.00148	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000674	0.00148	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000512	0.00148	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000591	0.00148	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000523	0.00148	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000470	0.00148	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000397	0.00148	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000748	0.00148	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.000435	0.00148	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/16/22 00:39	ND	U	0.0715	0.0753	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-23 (Soil)

SB-7 (6"-12")

Collected
11/08/2022 08:36

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/								
Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	88.2				%
Pesticides								
4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	0.0249		0.000674	0.00147	mg/kg dry
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/23/22 03:13	0.179	D	0.00806	0.0147	mg/kg dry
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	0.00343		0.00104	0.00147	mg/kg dry
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000698	0.00147	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000439	0.00147	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000704	0.00147	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000655	0.00147	mg/kg dry
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000685	0.00147	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000771	0.00147	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000696	0.00147	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000670	0.00147	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000554	0.00147	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000670	0.00147	mg/kg dry
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000509	0.00147	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000587	0.00147	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000519	0.00147	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000467	0.00147	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000394	0.00147	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000743	0.00147	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.000432	0.00147	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 02:39	ND	U	0.0710	0.0748	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-25 (Soil)

SB-25 (0-6")

Collected
11/08/2022 08:40

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	83.4				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:41	14.0			1.51	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:41	43.3			1.51	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	0.0772		0.000714	0.00156	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/16/22 23:22	0.461	D	0.00853	0.0156	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	0.0205		0.00110	0.00156	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000739	0.00156	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000464	0.00156	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000745	0.00156	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000693	0.00156	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000725	0.00156	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000816	0.00156	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000737	0.00156	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000709	0.00156	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000587	0.00156	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000709	0.00156	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000539	0.00156	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000621	0.00156	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000549	0.00156	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000494	0.00156	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000417	0.00156	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000787	0.00156	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.000457	0.00156	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/16/22 01:01	ND	U	0.0751	0.0792	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-26 (Soil)

SB-25 (6"-12")

Collected
11/08/2022 08:41

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	83.4				%
Total Metals								
Arsenic	SW 846 6010D	11/22/22 09:36	11/23/22 15:32	15.3			1.49	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/23/22 03:35	0.0836	D	0.00714	0.0156	mg/kg dry
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/23/22 03:35	0.483	D	0.00853	0.0156	mg/kg dry
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	0.0164		0.00110	0.00156	mg/kg dry
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000739	0.00156	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000464	0.00156	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000745	0.00156	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000693	0.00156	mg/kg dry
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000724	0.00156	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000816	0.00156	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000736	0.00156	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000709	0.00156	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000587	0.00156	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000709	0.00156	mg/kg dry
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000539	0.00156	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000621	0.00156	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000549	0.00156	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000494	0.00156	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000417	0.00156	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000787	0.00156	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.000457	0.00156	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 03:01	ND	U	0.0751	0.0792	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-28 (Soil)

SB-22 (0-6")

Collected 11/08/2022 08:45	Received 11/08/2022 15:56	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	78.3				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:43	5.45			1.60	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:43	20.5			1.60	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	0.0483		0.000760	0.00166	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	0.0591		0.000908	0.00166	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	0.00158	J	0.00117	0.00166	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000786	0.00166	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000494	0.00166	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000793	0.00166	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000738	0.00166	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000771	0.00166	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	0.00151	J	0.000868	0.00166	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000784	0.00166	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000755	0.00166	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000624	0.00166	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000755	0.00166	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000573	0.00166	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000661	0.00166	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000585	0.00166	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000526	0.00166	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000444	0.00166	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000838	0.00166	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.000486	0.00166	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/16/22 01:23	ND	U	0.0800	0.0843	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-29 (Soil)

SB-22 (6"-12")

Collected
11/08/2022 08:46

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/								
Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	82.2				%
Pesticides								
4,4'-DDD	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	0.0744		0.000723	0.00158	mg/kg dry
4,4'-DDE	SW 846 8081B	11/18/22 08:25	11/23/22 03:58	0.109	D	0.00432	0.00790	mg/kg dry
4,4'-DDT	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	0.00155	J	0.00112	0.00158	mg/kg dry
Aldrin	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000749	0.00158	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000471	0.00158	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000755	0.00158	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000703	0.00158	mg/kg dry
delta-BHC	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000734	0.00158	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000827	0.00158	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000747	0.00158	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000719	0.00158	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000595	0.00158	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000719	0.00158	mg/kg dry
Endrin	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000546	0.00158	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000630	0.00158	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000557	0.00158	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000501	0.00158	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000423	0.00158	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000798	0.00158	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.000463	0.00158	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 08:25	11/22/22 03:23	ND	U	0.0761	0.0802	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-31 (Soil)

SB-19 (0-6")

Collected 11/08/2022 08:50	Received 11/08/2022 15:56	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	88.8				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:56	4.90			1.35	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:56	23.7			1.35	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	0.0334		0.000670	0.00146	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	0.0691		0.000801	0.00146	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	0.00325		0.00103	0.00146	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000694	0.00146	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000436	0.00146	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000699	0.00146	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000651	0.00146	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000680	0.00146	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000766	0.00146	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000691	0.00146	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000666	0.00146	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000551	0.00146	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000666	0.00146	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000506	0.00146	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000583	0.00146	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000516	0.00146	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000464	0.00146	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000392	0.00146	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000739	0.00146	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.000429	0.00146	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/16/22 01:45	ND	U	0.0705	0.0743	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-32 (Soil)

SB-19 (6"-12")

Collected
11/08/2022 08:51

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis								
Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units	
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	91.3				%
Pesticides								
4,4'-DDD	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	0.0234		0.000652	0.00142	mg/kg dry
4,4'-DDE	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	0.0305		0.000779	0.00142	mg/kg dry
4,4'-DDT	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	0.0572		0.00101	0.00142	mg/kg dry
Aldrin	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000675	0.00142	mg/kg dry
alpha-BHC	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000424	0.00142	mg/kg dry
beta-BHC	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000680	0.00142	mg/kg dry
Chlordane	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	0.0144		0.000633	0.00142	mg/kg dry
delta-BHC	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000662	0.00142	mg/kg dry
Dieldrin	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000745	0.00142	mg/kg dry
Endosulfan I	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000673	0.00142	mg/kg dry
Endosulfan II	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000648	0.00142	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000536	0.00142	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000648	0.00142	mg/kg dry
Endrin	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000492	0.00142	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000568	0.00142	mg/kg dry
Endrin ketone	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000502	0.00142	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000451	0.00142	mg/kg dry
Heptachlor	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000381	0.00142	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000719	0.00142	mg/kg dry
Methoxychlor	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.000417	0.00142	mg/kg dry
Toxaphene	SW 846 8081B	11/21/22 14:57	11/29/22 22:01	ND	U	0.0686	0.0723	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-34 (Soil)

SB-16 (0-6")

Collected
11/08/2022 08:55

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	83.1				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/23/22 15:00	14.3			1.52	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/23/22 15:00	43.2			1.52	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	0.00614		0.000716	0.00157	mg/kg dry
4,4'-DDE	SW 846 8081B	11/17/22 08:38	11/21/22 19:14	0.793	D	0.00856	0.0157	mg/kg dry
4,4'-DDT	SW 846 8081B	11/17/22 08:38	11/21/22 19:14	0.304	D	0.0111	0.0157	mg/kg dry
Aldrin	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000742	0.00157	mg/kg dry
alpha-BHC	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000466	0.00157	mg/kg dry
beta-BHC	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000748	0.00157	mg/kg dry
Chlordane	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000696	0.00157	mg/kg dry
delta-BHC	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000727	0.00157	mg/kg dry
Dieldrin	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000819	0.00157	mg/kg dry
Endosulfan I	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000739	0.00157	mg/kg dry
Endosulfan II	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000711	0.00157	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000589	0.00157	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000711	0.00157	mg/kg dry
Endrin	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000541	0.00157	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000624	0.00157	mg/kg dry
Endrin ketone	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000551	0.00157	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000496	0.00157	mg/kg dry
Heptachlor	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000419	0.00157	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000790	0.00157	mg/kg dry
Methoxychlor	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.000459	0.00157	mg/kg dry
Toxaphene	SW 846 8081B	11/17/22 08:38	11/18/22 18:13	ND	U	0.0754	0.0795	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Castle Rd.

2110391-37 (Soil)

SB-12 (0"-6")

Collected
11/08/2022 09:00

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	80.9				%
Total Metals								
Arsenic	SW 846 6010D	11/11/22 08:22	11/15/22 11:59	7.82			1.54	mg/kg dry
Lead	SW 846 6010D	11/11/22 08:22	11/15/22 11:59	59.6			1.54	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	0.0408		0.000735	0.00161	mg/kg dry
4,4'-DDE	SW 846 8081B	11/14/22 18:04	11/16/22 23:44	0.187	D	0.00439	0.00803	mg/kg dry
4,4'-DDT	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	0.00320		0.00113	0.00161	mg/kg dry
Aldrin	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000761	0.00161	mg/kg dry
alpha-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000478	0.00161	mg/kg dry
beta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000767	0.00161	mg/kg dry
Chlordane	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000714	0.00161	mg/kg dry
delta-BHC	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000746	0.00161	mg/kg dry
Dieldrin	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000840	0.00161	mg/kg dry
Endosulfan I	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000759	0.00161	mg/kg dry
Endosulfan II	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000730	0.00161	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000604	0.00161	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000730	0.00161	mg/kg dry
Endrin	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000555	0.00161	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000640	0.00161	mg/kg dry
Endrin ketone	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000566	0.00161	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000509	0.00161	mg/kg dry
Heptachlor	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000430	0.00161	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000811	0.00161	mg/kg dry
Methoxychlor	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.000471	0.00161	mg/kg dry
Toxaphene	SW 846 8081B	11/14/22 18:04	11/16/22 02:07	ND	U	0.0774	0.0816	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Castle Rd.

2110391-38 (Soil)

SB-12 (6"-12")

Collected
11/08/2022 09:01

Received
11/08/2022 15:56

Contact
Todd Kelly

Lab Section/ Analysis									
Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units		
General Chemistry									
Percent Solids	Gravimetric	11/08/22 18:03	11/09/22 11:14	88.0			%		
Pesticides									
4,4'-DDD	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	0.0280		0.000676	0.00148	mg/kg dry	
4,4'-DDE	SW 846 8081B	11/21/22 14:57	12/01/22 15:11	0.205	D	0.00808	0.0148	mg/kg dry	
4,4'-DDT	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	0.0528		0.00104	0.00148	mg/kg dry	
Aldrin	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000700	0.00148	mg/kg dry	
alpha-BHC	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000440	0.00148	mg/kg dry	
beta-BHC	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000705	0.00148	mg/kg dry	
Chlordane	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000657	0.00148	mg/kg dry	
delta-BHC	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000686	0.00148	mg/kg dry	
Dieldrin	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000773	0.00148	mg/kg dry	
Endosulfan I	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000698	0.00148	mg/kg dry	
Endosulfan II	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000671	0.00148	mg/kg dry	
Endosulfan sulfate	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000556	0.00148	mg/kg dry	
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000671	0.00148	mg/kg dry	
Endrin	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000510	0.00148	mg/kg dry	
Endrin aldehyde	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000588	0.00148	mg/kg dry	
Endrin ketone	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000520	0.00148	mg/kg dry	
gamma-BHC (Lindane)	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000468	0.00148	mg/kg dry	
Heptachlor	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000395	0.00148	mg/kg dry	
Heptachlor Epoxide	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000745	0.00148	mg/kg dry	
Methoxychlor	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.000433	0.00148	mg/kg dry	
Toxaphene	SW 846 8081B	11/21/22 14:57	11/29/22 22:24	ND	U	0.0711	0.0750	mg/kg dry	

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

APL

AQUA PRO-TECH LABORATORIES

APL 2110391

AQUA PRO-TECH LABORATORIES



www.aquaprotechlabs.com

FAX: 973-227-2813

Contamination Level

☐ Low
☐ Medium
☐ High

CHAIN OF CUSTODY

Client: <u>SESI</u>	Send Report To:
Address: <u>959 US46E</u>	Address:
City: <u>Ste 300, Passaic, NJ</u>	Phone:
E-Mail: <u>tkk@sesi.org</u>	Send Invoice To:
Project Name: <u>3 North Castle Rd.</u>	Address:
Project Manager: <u>Todd Kelly</u>	Sampling Location:
Project or PO #: <u>12486A:3</u>	Sampled By: <u>Jeff Lamborn</u>

Page 1 of 4

Turn-Around Time

☐ APL Standard 2 Weeks
☒ Rush (Choose One Below)
☐ 1 Day ☐ 2 Days ☐ 3 Days
☒ 1 Week ☐ Other (Specify Below)

Date and Time Required: Monday 11/15 P.M.

**May Need Lab Approval

Report / Electronic Format

☒ Results Only / NY ASP-A ☐ Excel Summary
☐ Reduced: NJ DEP ☐ EqUIS
☐ Full: NJ DEP / NY ASP-B ☐ EnviroData
☐ State Forms/E2 Reporting ☐ Hazsite EDD

PWSID # _____ SRP# _____

Comments/Special Instructions:

Cooler Temp:

3.8

ANALYSIS REQUESTED

APL Order # (APL Will Provide)		Matrix Abbreviations:				Sample Type		No. of Bottles	Preservative	TCL Pest	Arsenic																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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RELINQUISHED BY:

Print: Jeff Lamborn

Sign: [Signature]

RECEIVED BY:

Print: Rose Nap

Sign: [Signature]

Date: 11/8/22

Time: 1556

RELINQUISHED BY:

Print:

Sign:

RECEIVED BY:

Print:

Sign:

Date:

Time:

RELINQUISHED BY:

Print:

Sign:

RECEIVED BY:

Print:

Sign:

Date:

Time:

CERTIFICATIONS: NELAP (National Environmental Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples.

Contamination Level

☐ Low
☐ Medium
☐ High

CHAIN OF CUSTODY

Client: <u>SEST</u>	Send Report To:
Address: <u>959 US46E Ste 30</u>	Address:
<u>Param, NJ</u>	
Phone:	Phone:
E-Mail: <u>hkc@sesi.org</u>	Send Invoice To:
Project Name: <u>3 North Castle Rd.</u>	Address:
Project Manager: <u>Todd Kelly</u>	Sampling Location:
Project or PO #: <u>12486A-3</u>	Sampled By:

Turn-Around Time

☐ APL Standard 2 Weeks
☒ Rush (Choose One Below)
☒ 1 Day ☐ 2 Days ☐ 3 Days
☐ 1 Week ☐ Other (Specify Below)

Date and Time Required: _____

**May Need Lab Approval

Report / Electronic Format

☒ Results Only / NY ASP-A ☐ Excel Summary
☒ Reduced: NJ DEP ☐ EqUIS
☐ Full: NJ DEP / NY ASP-B ☐ EnviroData
☐ State Forms/E2 Reporting ☐ Hazsite EDD

PWSID # _____

SRP# _____

Comments/Special Instructions:

Cooler Temp:

3.8

ANALYSIS REQUESTED

APL Order # (APL Will Provide)		Matrix Abbreviations:				Sample Type		No. of Bottles	Preservative	TCLP	Arsenic																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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RELINQUISHED BY:

Print: Jelly Lark

Sign: _____

RECEIVED BY:

Print: Rose Nap

Sign: Mar

Date: 11-8-22

Time: 1556

RELINQUISHED BY:

Print:

Sign

RECEIVED BY:

Print:

Sign:

Date:

Time:

RELINQUISHED BY:

Print:

Sign:

RECEIVED BY:

Print:

Sign:

Date:

Time:

CERTIFICATIONS: NELAP (National Environmental Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples.

Contamination Level

☐ Low
☐ Medium
☐ High

CHAIN OF CUSTODY

Client: SEST	Send Report To:
Address: 957 US46E Ste300 Raritan, NJ	Address:
Phone:	Phone:
E-Mail: ttk@sestnj.com	Send Invoice To:
Project Name: 3 N. Carter Rd	Address:
Project Manager: Todd Kelly	Sampling Location:
Project or PO #: 12456A-3	Sampled By:

Turn-Around Time

☒ APL Standard 2 Weeks
☐ Rush (Choose One Below)
1 Day ☐ 2 Days ☐ 3 Days
1 Week ☐ Other (Specify Below)

Date and Time Required: _____

**May Need Lab Approval

Report / Electronic Format

☒ Results Only / NY ASP-A ☐ Excel Summary
☒ Reduced: NJ DEP ☐ EqUIS
☐ Full: NJ DEP / NY ASP-B ☐ EnviroData
☐ State Forms/E2 Reporting ☐ Hazsite EDD

PWSID # _____

SRP# _____

Comments/Special Instructions:

Cooler Temp: 38

ANALYSIS REQUESTED

APL Order # (APL Will Provide)		Matrix Abbreviations:				Sample Type		No. of Bottles	Preservative																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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RELINQUISHED BY:

Print: Jeffrey Larkin

Sign: [Signature]

RECEIVED BY:

Print: Rose Nap

Sign: [Signature]

Date: 11-8-22

Time: 1556

RELINQUISHED BY:

Print:

Sign:

RECEIVED BY:

Print:

Sign:

Date:

Time:

RELINQUISHED BY:

Print:

Sign:

RECEIVED BY:

Print:

Sign:

Date:

Time:

CERTIFICATIONS: NELAP (National Environmental Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples.

AQUA PRO-TECH LABORATORIES

www.aquaprotechlabs.com

1275 Bloomfield Avenue Building
6

Fairfield, NJ 07004

TEL: 973-227-0422

FAX: 973-227-2813

Contamination Level

☐ Low
☐ Medium
☐ High

Client: <u>SESI</u>	Send Report To:
Address: <u>959 US. 46 E Ste 300</u>	Address:
<u>Parapony, NJ</u>	
Phone:	Phone:
E-Mail: <u>thk@sesi.org</u>	Send Invoice To:
Project Name: <u>3N-Castle Rd</u>	Address:
Project Manager: <u>Todd Kelly</u>	Sampling Location:
Project or PO #: <u>12456A-3</u>	Sampled By:

Turn-Around Time

☐ APL Standard 2 Weeks
☒ Rush (Choose One Below)
1 Day ☐ 2 Days ☐ 3 Days
☒ 1 Week ☐ Other (Specify Below)

Date and Time Required: _____

**May Need Lab Approval

Report / Electronic Format

☒ Results Only / NY ASP-A ☐ Excel Summary
☐ Reduced: NJ DEP ☐ EQUIS
☐ Full: NJ DEP / NY ASP-B ☐ EnviroData
☐ State Forms/E2 Reporting ☐ Hazsite EDD

PWSID # _____

SRP# _____

Comments/Special Instructions:

Cooler
Temp:

38

ANALYSIS REQUESTED

APL Order # (APL Will Provide)		Matrix Abbreviations:				Sample Type		No. of Bottles	Preservative	ANALYSIS REQUESTED													
2110391		DW - Drinking Water GW - Groundwater WW - Wastewater SW - Surface Water	L - Lake Pool SPA	S - Soil SD - Solid SL - Sludge C - Concrete	W - Wipes O - Oil PC - Paint Chips	Grab	Comp			TCL Test	Arsenic, Lead												
-31	SB-19 (0-6")							1	N/A														
-32	SB-19 (6"-12")																						
-33	SB-19 (12"-18")																						
-34	SB-16 (0-6")																						
-35	SB-16 (6"-12")																						
-36	SB-16 (12"-18")																						
-37	SB-12 (0"-6")																						
-38	SB-12 (6"-12")																						
-39	SB-12 (12"-18")																						

RELINQUISHED BY:

Print: Todd Kelly

Sign: [Signature]

RECEIVED BY:

Print: Rose Nap

Sign: [Signature]

Date: 11-8-22

Time: 1556

RELINQUISHED BY:

Print:

Sign:

RECEIVED BY:

Print:

Sign:

Date:

Time:

RELINQUISHED BY:

Print:

Sign:

RECEIVED BY:

Print:

Sign:

Date:

Time:

CERTIFICATIONS: NELAP (National Environmental Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples.

ANALYTICAL RESULTS

STANDARD DELIVERABLES FORMAT

APL WORK ORDER NUMBER: 2110723

Sesi Consulting Engineers

Project: 3 North Hill Castle Rd



Brian Wood
Laboratory Director

All Results meet the requirements of the National Environmental Laboratory Accreditation Conference and/or
State specific certifications as applicable.

Report Date: Jan 13, 2023



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Hill Castle Rd

2110723-01 (Soil)

SB-6 (0-6")

Collected 11/15/2022 09:00	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	81.3				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 13:08	5.68			1.47	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 13:08	28.6			1.47	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000731	0.00160	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	0.00131	J	0.000874	0.00160	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.00113	0.00160	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000757	0.00160	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000476	0.00160	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000763	0.00160	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000711	0.00160	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000743	0.00160	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000836	0.00160	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000755	0.00160	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000727	0.00160	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000601	0.00160	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000727	0.00160	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000552	0.00160	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000637	0.00160	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000563	0.00160	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000506	0.00160	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000428	0.00160	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000806	0.00160	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.000468	0.00160	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/17/22 22:27	ND	U	0.0770	0.0811	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Hill Castle Rd

2110723-02 (Soil)

SB-8 (0-6")

Collected 11/15/2022 08:15	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	78.6				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 13:11	4.64			1.57	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 13:11	20.6			1.57	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000757	0.00165	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	0.00119	J	0.000904	0.00165	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.00117	0.00165	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000783	0.00165	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000492	0.00165	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000790	0.00165	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000735	0.00165	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000768	0.00165	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000865	0.00165	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000781	0.00165	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000752	0.00165	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000622	0.00165	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000752	0.00165	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000571	0.00165	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000659	0.00165	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000583	0.00165	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000524	0.00165	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000443	0.00165	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000834	0.00165	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.000485	0.00165	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/17/22 22:49	ND	U	0.0797	0.0839	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Hill Castle Rd

2110723-03 (Soil)

SB-10 (0-6")

Collected 11/15/2022 08:00	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	77.0				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 13:14	4.56			1.64	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 13:14	25.6			1.64	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000772	0.00169	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000923	0.00169	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.00119	0.00169	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000799	0.00169	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000502	0.00169	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000806	0.00169	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000750	0.00169	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000784	0.00169	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000883	0.00169	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000797	0.00169	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000767	0.00169	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000635	0.00169	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000767	0.00169	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000583	0.00169	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000672	0.00169	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000594	0.00169	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000535	0.00169	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000452	0.00169	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000851	0.00169	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.000494	0.00169	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/17/22 23:11	ND	U	0.0813	0.0857	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-04 (Soil)

SB-13 (0-6")

Collected 11/15/2022 10:00	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	76.3				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 13:17	74.5			1.61	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 13:17	212			1.61	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/18/22 18:35	0.965	D	0.0779	0.170	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/21/22 19:37	11.2	D	0.466	0.852	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/18/22 18:35	4.96	D	0.120	0.170	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000807	0.00170	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000507	0.00170	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	0.00520		0.000814	0.00170	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000757	0.00170	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000791	0.00170	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/18/22 18:35	0.197	D	0.0891	0.170	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000804	0.00170	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000774	0.00170	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000641	0.00170	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000774	0.00170	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000588	0.00170	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000679	0.00170	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000600	0.00170	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000540	0.00170	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000456	0.00170	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000859	0.00170	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.000499	0.00170	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/17/22 23:33	ND	U	0.0820	0.0865	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-05 (Soil)

SB-14 (0-6")

Collected 11/15/2022 11:00	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	79.5				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 13:20	20.1			1.59	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 13:20	67.7			1.59	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	0.00164		0.000749	0.00164	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	0.00463		0.000895	0.00164	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.00116	0.00164	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000775	0.00164	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000487	0.00164	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000781	0.00164	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000727	0.00164	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000760	0.00164	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000856	0.00164	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000773	0.00164	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000744	0.00164	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000615	0.00164	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000744	0.00164	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000565	0.00164	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000652	0.00164	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000576	0.00164	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000518	0.00164	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000438	0.00164	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000826	0.00164	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.000479	0.00164	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/17/22 23:56	ND	U	0.0788	0.0831	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Hill Castle Rd

2110723-06 (Soil)

SB-17 (0-6")

Collected
11/15/2022 13:00

Received
11/16/2022 13:50

Contact
Todd Kelly

Lab Section/ Analysis									
Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units		
General Chemistry									
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	78.7		%			
Total Metals									
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 13:23	3.91		1.59		mg/kg dry	
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 13:23	18.3		1.59		mg/kg dry	
Pesticides									
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	0.000991		J	0.000756	0.00165	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	0.00283			0.000903	0.00165	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.00117	0.00165	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000783	0.00165	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000492	0.00165	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000789	0.00165	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000734	0.00165	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000767	0.00165	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000864	0.00165	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000780	0.00165	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000751	0.00165	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000621	0.00165	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000751	0.00165	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000570	0.00165	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000658	0.00165	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000582	0.00165	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000523	0.00165	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000442	0.00165	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000833	0.00165	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.000484	0.00165	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/18/22 00:18	ND		U	0.0796	0.0838	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Hill Castle Rd

2110723-07 (Soil)

SB-20 (0-6")

Collected 11/15/2022 13:10	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	79.1				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 13:26	6.69			1.53	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 13:26	33.9			1.53	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	0.00325		0.000753	0.00164	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	0.0324		0.000899	0.00164	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.00116	0.00164	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000779	0.00164	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000489	0.00164	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000785	0.00164	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000731	0.00164	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000764	0.00164	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000860	0.00164	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000777	0.00164	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000747	0.00164	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000618	0.00164	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000747	0.00164	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000568	0.00164	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000655	0.00164	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000579	0.00164	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000521	0.00164	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000440	0.00164	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000830	0.00164	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.000482	0.00164	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/18/22 00:40	ND	U	0.0792	0.0835	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-08 (Soil)

SB-23 (0-6")

Collected 11/15/2022 14:00	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	78.6				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 13:28	8.16			1.61	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 13:28	39.9			1.61	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	0.0144		0.000757	0.00165	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	0.0839		0.000905	0.00165	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.00117	0.00165	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000784	0.00165	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000493	0.00165	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000790	0.00165	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000736	0.00165	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000769	0.00165	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000865	0.00165	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000781	0.00165	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000752	0.00165	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000622	0.00165	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000752	0.00165	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000571	0.00165	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000659	0.00165	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000583	0.00165	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000524	0.00165	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000443	0.00165	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000835	0.00165	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.000485	0.00165	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/18/22 01:02	ND	U	0.0797	0.0840	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-09 (Soil)

SB-26 (0-6")

Collected 11/15/2022 10:05	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	76.8				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 13:31	158			1.62	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 13:31	861			1.62	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/18/22 18:58	1.01	D	0.0387	0.0846	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/18/22 18:58	3.43	D	0.0463	0.0846	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/18/22 18:58	3.69	D	0.0597	0.0846	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000802	0.00169	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	0.00743		0.000504	0.00169	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	0.0179		0.000808	0.00169	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000752	0.00169	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	0.00177		0.000786	0.00169	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/18/22 18:58	1.35	D	0.0442	0.0846	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000799	0.00169	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000769	0.00169	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000636	0.00169	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000769	0.00169	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000584	0.00169	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000674	0.00169	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000596	0.00169	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	0.00250		0.000536	0.00169	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000453	0.00169	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000854	0.00169	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.000496	0.00169	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/18/22 01:25	ND	U	0.0815	0.0859	mg/kg dry
TCLP Metals								
Arsenic	SW 846 1311/6010D	12/13/22 10:27	12/13/22 12:55	ND	U		0.250	mg/L
Lead	SW 846 1311/6010D	12/13/22 10:27	12/13/22 12:55	0.630			0.250	mg/L

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-10 (Soil)

SB-27 (0-6")

Collected 11/15/2022 15:00	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	87.0				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 15:17	7.15			1.47	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 15:17	68.3			1.47	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	0.00326		0.000684	0.00149	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	0.0309		0.000817	0.00149	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.00106	0.00149	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000708	0.00149	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000445	0.00149	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000714	0.00149	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000664	0.00149	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000694	0.00149	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000782	0.00149	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000706	0.00149	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000679	0.00149	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000562	0.00149	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000679	0.00149	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000516	0.00149	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000595	0.00149	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000526	0.00149	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000474	0.00149	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000400	0.00149	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000754	0.00149	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.000438	0.00149	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/18/22 02:09	ND	U	0.0720	0.0759	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Hill Castle Rd

2110723-11 (Soil)

SB-29 (0-6")

Collected 11/15/2022 10:30	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	70.6				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 15:20	9.85			1.78	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 15:20	75.4			1.78	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	0.00799		0.000842	0.00184	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/18/22 19:20	0.0987	D	0.00503	0.00920	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.00130	0.00184	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000872	0.00184	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000548	0.00184	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000879	0.00184	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000818	0.00184	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000855	0.00184	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000963	0.00184	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000869	0.00184	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000837	0.00184	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000692	0.00184	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000837	0.00184	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000636	0.00184	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000733	0.00184	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000648	0.00184	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000583	0.00184	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000493	0.00184	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000929	0.00184	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.000539	0.00184	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/18/22 02:31	ND	U	0.0887	0.0934	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-12 (Soil)

SB-30 (0-6")

Collected 11/15/2022 10:10	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	78.6				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 15:22	42.6			1.54	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 15:22	133			1.54	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/18/22 19:42	0.989	D	0.0378	0.0826	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/18/22 19:42	4.15	D	0.0452	0.0826	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/18/22 19:42	1.38	D	0.0584	0.0826	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000783	0.00165	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	0.000958	J	0.000492	0.00165	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000790	0.00165	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000735	0.00165	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000768	0.00165	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000865	0.00165	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000781	0.00165	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000751	0.00165	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000622	0.00165	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000751	0.00165	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000571	0.00165	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000659	0.00165	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000582	0.00165	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000524	0.00165	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000442	0.00165	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000834	0.00165	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.000484	0.00165	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/18/22 02:53	ND	U	0.0796	0.0839	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-13 (Soil)

SB-31 (0-6")

Collected 11/15/2022 10:15	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	75.0				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 15:25	20.0			1.67	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 15:25	68.7			1.67	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/16/22 16:14	11/18/22 20:04	0.0340	D	0.00793	0.0173	mg/kg dry
4,4'-DDE	SW 846 8081B	11/16/22 16:14	11/18/22 20:04	0.236	D	0.00948	0.0173	mg/kg dry
4,4'-DDT	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	0.0102		0.00122	0.00173	mg/kg dry
Aldrin	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000821	0.00173	mg/kg dry
alpha-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000516	0.00173	mg/kg dry
beta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000828	0.00173	mg/kg dry
Chlordane	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000771	0.00173	mg/kg dry
delta-BHC	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000805	0.00173	mg/kg dry
Dieldrin	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000907	0.00173	mg/kg dry
Endosulfan I	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000819	0.00173	mg/kg dry
Endosulfan II	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000788	0.00173	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000652	0.00173	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000788	0.00173	mg/kg dry
Endrin	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000599	0.00173	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000691	0.00173	mg/kg dry
Endrin ketone	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000611	0.00173	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000549	0.00173	mg/kg dry
Heptachlor	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000464	0.00173	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000875	0.00173	mg/kg dry
Methoxychlor	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.000508	0.00173	mg/kg dry
Toxaphene	SW 846 8081B	11/16/22 16:14	11/18/22 03:16	ND	U	0.0835	0.0880	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Hill Castle Rd

2110723-14 (Soil)

SB-32 (0-6")

Collected 11/15/2022 10:20	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	77.0				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 15:28	7.62			1.61	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 15:28	38.6			1.61	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	0.00687		0.000773	0.00169	mg/kg dry
4,4'-DDE	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	0.0501		0.000923	0.00169	mg/kg dry
4,4'-DDT	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	0.0108		0.00119	0.00169	mg/kg dry
Aldrin	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000800	0.00169	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000503	0.00169	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000806	0.00169	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000751	0.00169	mg/kg dry
delta-BHC	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000784	0.00169	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000883	0.00169	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000797	0.00169	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000767	0.00169	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000635	0.00169	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000767	0.00169	mg/kg dry
Endrin	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000583	0.00169	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000673	0.00169	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000595	0.00169	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000535	0.00169	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000452	0.00169	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000852	0.00169	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.000495	0.00169	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 19:21	11/22/22 20:33	ND	U	0.0813	0.0857	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

3 North Hill Castle Rd

2110723-15 (Soil)

SB-33 (0-6")

Collected 11/15/2022 10:25	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	11/16/22 18:22	11/17/22 11:05	76.4				%
Total Metals								
Arsenic	SW 846 6010D	11/18/22 09:40	11/22/22 15:31	13.0			1.63	mg/kg dry
Lead	SW 846 6010D	11/18/22 09:40	11/22/22 15:31	53.4			1.63	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	0.0511		0.000779	0.00170	mg/kg dry
4,4'-DDE	SW 846 8081B	11/18/22 19:21	11/28/22 19:09	0.149	D	0.00931	0.0170	mg/kg dry
4,4'-DDT	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	0.0651		0.00120	0.00170	mg/kg dry
Aldrin	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000806	0.00170	mg/kg dry
alpha-BHC	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000507	0.00170	mg/kg dry
beta-BHC	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000813	0.00170	mg/kg dry
Chlordane	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000757	0.00170	mg/kg dry
delta-BHC	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000791	0.00170	mg/kg dry
Dieldrin	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000890	0.00170	mg/kg dry
Endosulfan I	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000804	0.00170	mg/kg dry
Endosulfan II	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000774	0.00170	mg/kg dry
Endosulfan sulfate	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000640	0.00170	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000774	0.00170	mg/kg dry
Endrin	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000588	0.00170	mg/kg dry
Endrin aldehyde	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000678	0.00170	mg/kg dry
Endrin ketone	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000599	0.00170	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000539	0.00170	mg/kg dry
Heptachlor	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000455	0.00170	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000859	0.00170	mg/kg dry
Methoxychlor	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.000499	0.00170	mg/kg dry
Toxaphene	SW 846 8081B	11/18/22 19:21	11/22/22 20:55	ND	U	0.0820	0.0864	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-17 (Soil)

SB-13 (6-12")

Collected 11/15/2022 10:01	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	12/02/22 12:57	12/02/22 17:14	81.3				%
Total Metals								
Arsenic	SW 846 6010D	12/07/22 09:54	12/08/22 10:15	59.1			1.53	mg/kg dry
Lead	SW 846 6010D	12/07/22 09:54	12/08/22 10:15	139			1.53	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	12/05/22 08:24	12/09/22 21:51	0.0276	J, D, H	0.0146	0.0320	mg/kg dry
4,4'-DDE	SW 846 8081B	12/05/22 08:24	12/12/22 22:16	3.91	D, H	0.175	0.320	mg/kg dry
4,4'-DDT	SW 846 8081B	12/05/22 08:24	12/12/22 22:16	0.451	D, H	0.226	0.320	mg/kg dry
Aldrin	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000758	0.00160	mg/kg dry
alpha-BHC	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	0.00107	J, H	0.000476	0.00160	mg/kg dry
beta-BHC	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	0.0105	H	0.000764	0.00160	mg/kg dry
Chlordane	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000711	0.00160	mg/kg dry
delta-BHC	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000743	0.00160	mg/kg dry
Dieldrin	SW 846 8081B	12/05/22 08:24	12/09/22 21:51	0.124	D, H	0.0167	0.0320	mg/kg dry
Endosulfan I	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000755	0.00160	mg/kg dry
Endosulfan II	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000727	0.00160	mg/kg dry
Endosulfan sulfate	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000601	0.00160	mg/kg dry
Endrin	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000552	0.00160	mg/kg dry
Endrin aldehyde	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000637	0.00160	mg/kg dry
Endrin ketone	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000563	0.00160	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000507	0.00160	mg/kg dry
Heptachlor	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000428	0.00160	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000807	0.00160	mg/kg dry
Methoxychlor	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.000469	0.00160	mg/kg dry
Toxaphene	SW 846 8081B	12/05/22 08:24	12/07/22 03:01	ND	U, H	0.0770	0.0812	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-18 (Soil)

SB-14 (6-12")

Collected 11/15/2022 11:01	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	12/02/22 12:57	12/02/22 17:14	78.4				%
Total Metals								
Arsenic	SW 846 6010D	12/07/22 09:54	12/08/22 10:18	12.8			1.59	mg/kg dry
Lead	SW 846 6010D	12/07/22 09:54	12/08/22 10:18	55.9			1.59	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-19 (Soil)

SB-26 (6-12")

Collected 11/15/2022 10:06	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	12/02/22 12:57	12/02/22 17:14	80.8				%
Total Metals								
Arsenic	SW 846 6010D	12/07/22 09:54	12/08/22 10:21	143			1.53	mg/kg dry
Lead	SW 846 6010D	12/07/22 09:54	12/08/22 10:21	268			1.53	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	12/05/22 08:24	12/09/22 22:41	0.0672	J, D, H	0.0368	0.0804	mg/kg dry
4,4'-DDE	SW 846 8081B	12/05/22 08:24	12/09/22 22:41	1.07	D, H	0.0440	0.0804	mg/kg dry
4,4'-DDT	SW 846 8081B	12/05/22 08:24	12/09/22 22:41	2.71	D, H	0.0568	0.0804	mg/kg dry
Aldrin	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000762	0.00161	mg/kg dry
alpha-BHC	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	0.00252	H	0.000479	0.00161	mg/kg dry
beta-BHC	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	0.0200	H	0.000768	0.00161	mg/kg dry
Chlordane	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000715	0.00161	mg/kg dry
delta-BHC	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000747	0.00161	mg/kg dry
Dieldrin	SW 846 8081B	12/05/22 08:24	12/09/22 22:41	0.980	D, H	0.0421	0.0804	mg/kg dry
Endosulfan I	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000760	0.00161	mg/kg dry
Endosulfan II	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000731	0.00161	mg/kg dry
Endosulfan sulfate	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000605	0.00161	mg/kg dry
Endrin	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000555	0.00161	mg/kg dry
Endrin aldehyde	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000641	0.00161	mg/kg dry
Endrin ketone	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000567	0.00161	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	0.00120	J, H	0.000510	0.00161	mg/kg dry
Heptachlor	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000430	0.00161	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000811	0.00161	mg/kg dry
Methoxychlor	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.000471	0.00161	mg/kg dry
Toxaphene	SW 846 8081B	12/05/22 08:24	12/07/22 03:26	ND	U, H	0.0775	0.0816	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-20 (Soil)

SB-30 (6-12")

Collected 11/15/2022 10:11	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	12/02/22 12:57	12/02/22 17:14	83.8				%
Total Metals								
Arsenic	SW 846 6010D	12/07/22 09:54	12/08/22 10:24	28.2			1.49	mg/kg dry
Lead	SW 846 6010D	12/07/22 09:54	12/08/22 10:24	62.1			1.49	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-21 (Soil)

SB-31 (6-12")

Collected 11/15/2022 10:16	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	12/02/22 12:57	12/02/22 17:14	80.2				%
Total Metals								
Arsenic	SW 846 6010D	12/07/22 09:54	12/08/22 10:27	19.0			1.54	mg/kg dry
Lead	SW 846 6010D	12/07/22 09:54	12/08/22 10:27	51.8			1.54	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-22 (Soil)

SB-13 (12-18")

Collected 11/15/2022 10:02	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	12/02/22 12:57	12/02/22 17:14	81.2				%
Total Metals								
Arsenic	SW 846 6010D	12/16/22 09:46	12/19/22 12:08	35.0			1.55	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	0.0536	H	0.000733	0.00160	mg/kg dry
4,4'-DDE	SW 846 8081B	12/05/22 08:24	12/09/22 23:07	4.01	D, H	0.0438	0.0801	mg/kg dry
4,4'-DDT	SW 846 8081B	12/05/22 08:24	12/09/22 23:07	2.46	D, H	0.0565	0.0801	mg/kg dry
Aldrin	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000759	0.00160	mg/kg dry
alpha-BHC	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	0.000731	J, H	0.000477	0.00160	mg/kg dry
beta-BHC	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	0.00397	H	0.000765	0.00160	mg/kg dry
Chlordane	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000712	0.00160	mg/kg dry
delta-BHC	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000744	0.00160	mg/kg dry
Dieldrin	SW 846 8081B	12/05/22 08:24	12/09/22 23:07	0.0895	D, H	0.0419	0.0801	mg/kg dry
Endosulfan I	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000756	0.00160	mg/kg dry
Endosulfan II	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000728	0.00160	mg/kg dry
Endosulfan sulfate	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000602	0.00160	mg/kg dry
Endosulfans, Total (alpha and beta)	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000728	0.00160	mg/kg dry
Endrin	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000553	0.00160	mg/kg dry
Endrin aldehyde	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000638	0.00160	mg/kg dry
Endrin ketone	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000564	0.00160	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000507	0.00160	mg/kg dry
Heptachlor	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000429	0.00160	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000808	0.00160	mg/kg dry
Methoxychlor	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.000469	0.00160	mg/kg dry
Toxaphene	SW 846 8081B	12/05/22 08:24	12/10/22 01:39	ND	U, H	0.0771	0.0813	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-24 (Soil)

SB-26 (12-18")

Collected
11/15/2022 10:07

Received
11/16/2022 13:50

Contact
Todd Kelly

Lab Section/								
Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	12/02/22 12:57	12/02/22 17:14	84.6				%
Total Metals								
Arsenic	SW 846 6010D	12/16/22 09:46	12/19/22 12:11	79.3			1.46	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	12/05/22 08:24	12/09/22 23:32	0.0670	J, D, H	0.0352	0.0768	mg/kg dry
4,4'-DDE	SW 846 8081B	12/05/22 08:24	12/09/22 23:32	1.59	D, H	0.0420	0.0768	mg/kg dry
4,4'-DDT	SW 846 8081B	12/05/22 08:24	12/09/22 23:32	2.62	D, H	0.0542	0.0768	mg/kg dry
Aldrin	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000728	0.00154	mg/kg dry
alpha-BHC	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	0.00168	H	0.000457	0.00154	mg/kg dry
beta-BHC	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	0.00615	H	0.000734	0.00154	mg/kg dry
Chlordane	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000683	0.00154	mg/kg dry
delta-BHC	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000714	0.00154	mg/kg dry
Dieldrin	SW 846 8081B	12/05/22 08:24	12/09/22 23:32	0.526	D, H	0.0402	0.0768	mg/kg dry
Endosulfan I	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000725	0.00154	mg/kg dry
Endosulfan II	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000698	0.00154	mg/kg dry
Endosulfan sulfate	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000578	0.00154	mg/kg dry
Endrin	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000531	0.00154	mg/kg dry
Endrin aldehyde	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000612	0.00154	mg/kg dry
Endrin ketone	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000541	0.00154	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000487	0.00154	mg/kg dry
Heptachlor	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000411	0.00154	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000775	0.00154	mg/kg dry
Methoxychlor	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.000450	0.00154	mg/kg dry
Toxaphene	SW 846 8081B	12/05/22 08:24	12/07/22 04:43	ND	U, H	0.0740	0.0780	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-25 (Soil)

SB-30 (12-18")

Collected 11/15/2022 10:12	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	12/02/22 12:57	12/02/22 17:14	82.4				%
Total Metals								
Arsenic	SW 846 6010D	12/16/22 09:46	12/19/22 12:14	26.1			1.52	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

Analytical Results Summary

3 North Hill Castle Rd

2110723-26 (Soil)

SB-31 (12-18")

Collected 11/15/2022 10:17	Received 11/16/2022 13:50	Contact Todd Kelly
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Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	12/02/22 12:57	12/02/22 17:14	84.3				%
Total Metals								
Arsenic	SW 846 6010D	12/16/22 09:46	12/19/22 12:17	13.2			1.45	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns
H - Indicates a Hold Time violation
D1 - Sample was Decanted (Dissolved)

APL 2110723

AQUA PRO-TECH LABORATORIES



www.aquaprotechlabs.com

TEL: 973-227-0422

FAX: 973-227-2813

Contamination Level

☐ Low
☐ Medium
☐ High

nt: <u>SESI</u>	Send Report To: <u>Same</u>
ss: <u>959 US 46 E Ste 300</u>	Address:
<u>Parsippany, NJ</u>	
ie: <u>973-808-9050</u>	Phone:
E-Mail: <u>tk@sesi.org</u>	Send Invoice To: <u>Same</u>
Project Name: <u>3 North Castle Rd.</u>	Address:
Project Manager: <u>Todd Kelly</u> <u>Armonk</u>	Sampling Location:
Project or PO #: <u>12456A</u>	Sampled By: <u>Jeff Lamborn</u>

Turn-Around Time

☐ APL Standard 2 Weeks
☒ Rush (Choose One Below)
☒ 1 Day ☐ 2 Days ☐ 3 Days
☐ 1 Week ☐ Other (Specify Below)

Date and Time Required: 11/22/22 P.M.

**May Need Lab Approval

Report / Electronic Format

☐ Results Only / NY ASP-A ☒ Excel Summary
☐ Reduced: NJ DEP ☒ EQUIS
☒ Full: NJ DEP / NY ASP-B ☐ EnviroData
☐ State Forms/E2 Reporting ☐ Hazsite EDD

PWSID #

SRP#

Comments/Special Instructions:

HOLD all 6"-12" and 12"-18" samples until results from 0-6" samples have been reviewed by Todd Kelly/SESI

Cooler Temp: 5.5

ANALYSIS REQUESTED

APL Order # (APL Will Provide)		Matrix Abbreviations:				Sample Type		No. of Bottles	Preservative	TCL test	Arsenic	Lead																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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RELINQUISHED BY:

Print: Jeffrey Lamborn

Sign: [Signature]

RECEIVED BY:

Print: Rose Nap

Sign: [Signature]

Date: 11-16-22

Time: 1350

RELINQUISHED BY:

Print:

Sign

RECEIVED BY:

Print:

Sign:

Date:

Time:

RELINQUISHED BY:

Print:

Sign:

RECEIVED BY:

Print:

Sign:

Date:

Time:

CERTIFICATIONS: NELAP (National Environmental Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples.

Contamination Level

☒ Low
☐ Medium
☐ High

CHAIN OF CUSTODY

Client: <u>SEST</u>	Send Report To:
Address: <u>959 U.S. 46 East St 300</u>	Address:
<u>Parsippany, NJ</u>	
Phone: <u>973-808-9050</u>	Phone:
E-Mail: <u>tkk@sest.org</u>	Send Invoice To:
Project Name: <u>3 No. Castle Rd.</u>	Address:
Project Manager: <u>Todd Kelly</u>	Sampling Location:
Project or PO #: <u>12456A</u>	Sampled By: <u>Jeff Lamborn</u>

Page 2 of 5

Turn-Around Time

☐ APL Standard 2 Weeks
☒ Rush (Choose One Below)
1 Day ☐ 2 Days ☐ 3 Days
☒ 1 Week ☐ Other (Specify Below)

Date and Time Required: 11/23/22 PM
**May Need Lab Approval

Report / Electronic Format

☐ Results Only / NY ASP-A ☒ Excel Summary
☐ Reduced: NJ DEP ☒ EqUIS
☒ Full: NJ DEP / NY ASP-B ☐ EnviroData
☐ State Forms/E2 Reporting ☐ Hazsite EDD

PWSID # _____ SRP# _____

Comments/Special Instructions:

See Page 1

Cooler Temp: 5.5

ANALYSIS REQUESTED

APL Order # (APL Will Provide)		Matrix Abbreviations:				Sample Type		No. of Bottles	Preservative	Turp	Lead	Argent																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</
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RELINQUISHED BY:

Print: Jeffrey Lamborn

Sign: [Signature]

RECEIVED BY:

Print: Rose Nap

Sign: [Signature]

Date: 11-16-22

Time: 1350

RELINQUISHED BY:

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Time:

CERTIFICATIONS: NELAP (National Environmental Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634

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Contamination Level

☐ Low
☐ Medium
☐ High

CHAIN OF CUSTODY

Client: SESI	Send Report To:
Address: 959 US46E Sk300	Address:
Parsippany, NJ	
Phone: 973-808-9050	Phone:
E-Mail: ttk@sesi.org	Send Invoice To:
Project Name: North Castle Rd.	Address:
Project Manager: Todd Kelly	Sampling Location:
Project or PO #: 12456A	Sampled By: Jeff Lamborn

Turn-Around Time

☒ APT Standard 2 Weeks
Rush (Choose One Below)
☐ 1 Day ☐ 2 Days ☐ 3 Days
☒ 1 Week ☐ Other (Specify Below)

Date and Time Required: **11/23/22 P.M.**
**May Need Lab Approval

Report / Electronic Format

☐ Results Only / NY ASP-A ☒ Excel Summary
☐ Reduced: NJ DEP ☒ EqUIS
☒ Full: NJ DEP / NY ASP-B ☐ EnviroData
☐ State Forms/E2 Reporting ☐ Hazsite EDD

PWSID # _____ SRP# _____

Comments/Special Instructions:

See Page 1

Cooler Temp: **5.5**

ANALYSIS REQUESTED

APL Order # (APL Will Provide)		Matrix Abbreviations:				Sample Type		No. of Bottles	Preservative	TCU Res	Arsenic	Lead																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</
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RELINQUISHED BY:	Print: Jeffrey Lamborn Sign: <i>[Signature]</i>	RECEIVED BY:	Print: Rose Nap Sign: <i>[Signature]</i>	Date: 11-16-22 Time: 1350
RELINQUISHED BY:	Print: _____ Sign: _____	RECEIVED BY:	Print: _____ Sign: _____	Date: _____ Time: _____
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Contamination Level

☐ Low
☐ Medium
☐ High

CHAIN OF CUSTODY

Page 4 of 5

Client: <u>SESI</u>	Send Report To:
Address: <u>959 US46E Ste300</u>	Address:
<u>Parsippany, NJ</u>	
Phone: <u>973-808-9050</u>	Phone:
E-Mail: <u>tk@sesi.org</u>	Send Invoice To:
Project Name: <u>North Castle Drive</u>	Address:
Project Manager: <u>Todd Kelly</u>	Sampling Location:
Project or PO #: <u>12456A</u>	Sampled By: <u>J. Plamborn</u>

Turn-Around Time

☐ APL Standard 2 Weeks
☒ Rush (Choose One Below)
1 Day ☐ 2 Days ☐ 3 Days
☒ 1 Week ☐ Other (Specify Below)

Date and Time Required: 11/23/22 P.M.
**May Need Lab Approval

Report / Electronic Format

☐ Results Only / NY ASP-A
☒ Reduced: NJ DEP
☐ Full: NJ DEP / NY ASP-B
☐ State Forms/E2 Reporting

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PWSID # _____ SRP# _____

Comments/Special Instructions: See Page 1

Cooler Temp: 5.5

ANALYSIS REQUESTED

APL Order # (APL Will Provide)		Matrix Abbreviations:				Sample Type	No. of Bottles	Preservative	TCL Per	Arsenic	Lead																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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RELINQUISHED BY:

Print: Jerry Plamborn
Sign: [Signature]

RECEIVED BY:

Print: Rose Nap
Sign: [Signature]

Date: 11-16-22

Time: 1350

RELINQUISHED BY:

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RELINQUISHED BY:

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CERTIFICATIONS: NELAP (National Environmental Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634

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FAX: 973.227.2813

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CONTAMINATION LEVEL☐ HIGH ☐ MEDIUM ☒ LOW**CHAIN OF CUSTODY**

CLIENT: <u>SESI</u>	SEND REPORT TO: <u>Same</u>
ADDRESS: <u>959 US46E Ste 300</u>	ADDRESS:
<u>Pompano, NJ</u>	
PHONE: <u>973-808-9050</u>	PHONE:
E-MAIL: <u>tk@sesi.org</u>	FAX:
PROJECT NAME: <u>North Castle Rd.</u>	SEND INVOICE TO:
PROJECT MGR: <u>Todd Kelly</u>	ADDRESS:
PROJECT or PO #: <u>124564</u>	SAMPLED BY: <u>Jeffrey Lambert</u>

PAGE 5 OF 5**TURN-AROUND TIME**

- ☐ APL STANDARD 2 weeks
☒ RUSH (choose one below)
☐ 24 hr. date & time required
☐ 48 hr. date & time required
☐ 72 hr. date & time required
☒ 1 week

REPORT FORMAT

- ☐ RESULTS ONLY
☐ NJ DEP REDUCED
☒ NJ DEP FULL
☐ STATE FORMS/E2 REPORTING
PWSID# _____

ELECTRONIC FORMAT

- ☒ EMAIL DELIVERY
☐ HAZSITE EDD
☒ EXCEL
SRP# _____

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE C - CONCRETE L - LAKE

APL Lab ID#	Sample Source: Field ID	Date	Time	Sample Type		M A T R I X	No. of Bottles	Preservative	Analysis Requested
				G R A B	C O M P				
	SB-32 (6"-12")	11/15/22	1021	✓		S	1	NA	TCC test, Arsenic, Lead
	SB-32 (12"-18")	↓	1022	✓		↓	↓	↓	↓
-15	SB-33 (0-6")	↓	1025	✓		↓	↓	↓	↓
	SB-33 (6"-12")	↓	1026	✓		↓	↓	↓	↓
	SB-33 (12"-18")	↓	1027	✓		↓	↓	↓	↓

RELINQUISHED BY (Print) <u>Jeffrey Lambert</u>	DATE <u>11/15/22</u>	RECEIVED BY (Print) <u>Prose Nap</u>
Signature <u>[Signature]</u>	Time <u>1350</u>	Signature <u>[Signature]</u>
RELINQUISHED BY (Print)	DATE	RECEIVED BY (Print)
Signature	Time	Signature
RELINQUISHED BY (Print)	DATE	RECEIVED BY (Print)
Signature	Time	Signature
COMMENTS/SPECIAL INSTRUCTIONS <u>See Page 1</u>		Cooler Temp. upon receipt at lab <u>5.5</u>

CERTIFICATIONS: NELAP (National Environmental Laboratory Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634 CTPH #0233 US ARMY
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