



Phase II Environmental Site Assessment

850 Dobbs Ferry Road
White Plains, New York

May 27, 2022

Prepared for:

Ridgewood Real Estate Partners

Prepared by:

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Executive Summary

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of AG-RW Elmwood, LLC (Elmwood), has prepared this Limited Phase II Environmental Site Assessment (ESA) to characterize environmental conditions of the property located at 850 Dobbs Ferry Road, White Plains, Town of Greenburgh, New York (Site). The property is identified in the Westchester County Parcel Data and the Greenburgh Tax Assessor's Map as comprising of two adjacent lots under section, block, and lot (SBL) No. 7.530-320-1.SG (Lot SG) and 7.530-320-1.SE (Lot SE).

The objective of this Limited Phase II ESA was to further characterize potential and existing environmental impacts to soil based on historic turf management practices from the Site's historic use as a golf course and country club. Additionally, the sampling results will be used to evaluate the potential for Site entrance into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP).

A previous Phase II ESA at the Site included the collection of thirty eight (38) shallow soil samples for laboratory analysis. The results of the previous Phase II ESA are summarized below:

Metals:

- Surface soil samples (from 0 to 6 inches below ground surface (bgs)) were analyzed for arsenic and lead. Arsenic was detected in five (5) of the eight (8) surface soil samples (SS-25, SS-26, SS-27, SS-28, and SS-29) at concentrations in excess of NYSDEC 6 New York Code of Rules and Regulations (NYCRR) Part 375 Residential Use Soil Cleanup Objective (RUSCO) of 16 milligrams per kilogram (mg/kg) at concentrations ranging from 19.9 mg/kg to 200 mg/kg. Lead was detected in one sample (SS-29 at 402 mg/kg) in excess of its corresponding RUSCO of 400 mg/kg. Lead was also detected in two additional locations (SS-25 and SS-27) at concentrations in excess of the Unrestricted Use SCO (UUSCO) of 63 mg/kg (at 126 mg/kg and 131 mg/kg, respectively).
- Subsurface soil samples (from 18 to 24 bgs) were analyzed for arsenic and lead. Arsenic was detected in one sample location (SS-28 at 52.2 mg/kg) in excess of its RUSCO of 16 mg/kg. Lead was not detected at concentrations above its corresponding RUSCO of 400 mg/kg but was detected in one sample (at 92.1 mg/kg) in excess of the UUSCO of 63 mg/kg.

Pesticides:

- Surface soil samples were analyzed for pesticides. Cis-chlordane was detected in one sample (SS-26 at 1.43 mg/kg) in excess of its RUSCO of 0.91 mg/kg. Dieldrin was detected in four (4) of the eight (8) surface soil samples (ranging from 0.102 mg/kg to 0.671 mg/kg) in excess of its RUSCO of 0.039 mg/kg. In addition, 4,4'-DDE, 4,4'-DDT, cis-chlorane, and dieldrin were detected in several samples at concentrations in excess of their respective UUSCOs.
- Subsurface soil samples were analyzed for pesticides. Dieldrin was detected in two (2) of the eight (8) subsurface soil samples (SS-23 and SS-28) at concentrations of 0.186 mg/kg and 0.259 mg/kg, respectively, in excess of its RUSCO of 0.039 mg/kg. Of note, neither of these subsurface sample locations exceeded the RUSCO for dieldrin at the corresponding surface sampling interval. Also, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, cis-chlorane, and dieldrin were detected in some of the samples at concentrations in excess of their respective UUSCOs.

Herbicides:

- None of the samples showed herbicides at concentrations above their detection limits or above their respective UUSCOs.

The Scope of Work to further evaluate soil conditions at the Site included:

- Twenty (20) shallow soil samples collected from twenty (20) borings from areas outside the tees/greens within the proposed development footprint at depth intervals of 0" to 24'; and
- Twenty (20) soil samples collected from ten (10) borings from the tees/greens areas to a depth of six (6) feet. Two soil samples were collected from each soil boring at the 2-4 foot and 4-6 foot intervals.

In general, native soil was observed in the borings and was comprised of fine to coarse sand with some silt.

Soil was analyzed for target compound list (TCL) pesticides, lead, and arsenic.

Analytical data indicates soils have impacts of arsenic and pesticides, specifically dieldrin, above NYSDEC 6 New York Code of Rules and Regulations (NYCRR) Part 375 Residential Use Soil Cleanup Objectives (RUSCOs). Arsenic was found in levels exceeding RUSCOs in shallow soil samples and deeper soil samples; the presence of metals is common where fill material was placed and may not be indicative of any other potential source or historical activity. Pesticides were found in levels above RUSCOs in the shallow soil samples only. RUSCOs are the applicable cleanup objectives for single family housing redevelopment of the Site.

Arsenic was detected above RUSCOs in twelve (12) soil samples (DSB-9(4-6), SB-1(0-2), SB-2(0-2), SB-3(0-2), SB-4(0-2), SB-9(0-2), SB-11(0-2), SB-12 (0-2), SB-13(0-2), SB-17(0-2), SB-18(0-1), and SB-20(0-2)). Arsenic was detected above RUSCOs in eleven (11) shallow samples collected at the 0'-2' depth and in one deep sample at the 4'-6' depth.

Lead was not detected in levels above the RUSCOs in any of the soil samples.

Dieldrin, a pesticide, was detected above the RUSCOs in three soil samples (SB-2(0-2), SB-11(0-2), and SB-13(0-2)), all at the shallow sample depth of 0'-2'.

Roux recommends the completion of *in situ* waste characterization sampling prior to the start of excavation to characterize the soil so that disposal facilities can be identified in advance to ensure proper soil disposal. *In situ* waste characterization will also aid in timing for the project because it will eliminate the need to stockpile soil and allow for live loading from the excavation areas into trucks for off-site disposal.

1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of AG-RW Elmwood, LLC (Elmwood), has prepared this Limited Phase II Environmental Site Assessment (ESA) to characterize environmental conditions of the property located at 850 Dobbs Ferry Road, White Plains, Town of Greenburgh, New York (Site). The property is identified in the Westchester County Parcel Data and the Greenburgh Tax Assessor's Map as comprising of two adjacent lots under section, block, and lot (SBL) No. 7.530-320-1.SG (Lot SG) and 7.530-320-1.SE (Lot SE).

The objective of this Limited Phase II ESA was to further characterize potential and existing environmental impacts to soil based on historic turf management practices from the Site's historic use as a golf course and country club. Additionally, the sampling results will be used to evaluate the potential for Site entrance into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP).

1.1 Property Location and Site Description

The Site is identified in the Westchester County Parcel Data and the Greenburgh Tax Assessor's Map as comprising of two adjacent lots under section, block, and lot (SBL) No. 7.530-320-1.SG (Lot SG) and 7.530-320-1.SE (Lot SE). The combined area of the two lots is approximately 100 acres. A Site Location Map and Site Plan identifying the location of the Site and the lot boundary are included as Figure 1 and Figure 2, respectively.

Lot SG is classified as Property Type 553 and is designated for private golf country clubs. Lot SG is 92.60 acres in area and is bounded to the east by Rumbrook Park East and the exit ramp of the Sprain Brook Parkway, to the south by Dobbs Ferry Road, to the north by various detached 2-story residential buildings, and to the west by Lot SE by Worthington Road.

Lot SE is classified as Property Type 553 and is designated for private golf country clubs. Lot SE is 17.88 acres in area and is bounded by Lot SG to the south and east, and by various detached 2-story residential buildings to the north and west.

The Site is improved by an 18-hole golf course and several buildings for the main clubhouse, maintenance, and storage shops. The buildings are located at the southwest portion of the lot. The property also includes several tennis courts and a pool area. The buildings are serviced by parking spaces and two small roads that lead to Dobbs Ferry Road. The golf course and associated buildings are no longer in use and are currently vacant.

1.2 Site History

A review of historical sources, including historical aerial photographs, historical topographic maps, Certified Sanborn Fire Insurance Maps, as well as the City Directory Abstract indicate that the Site has been used as a golf course since 1924, and was identified as Pelhamhurst Golf & Country Club. In 1946, the ownership transferred from John C. Von Glahn, a Trustee, to Elmwood Country Club Inc. The property continued to be used as a private club and golf course.

From the 1920's to the 1940's, the Site vicinity appears to be sparsely developed, and the development is mainly located along Dobbs Ferry Road. By the late 1950's, several residential developments appear to the north, west, and south of the Site.

2. Methods of Investigation

The following scope of work was conducted to investigate environmental conditions at the Site. A Site Plan showing soil boring sampling locations is shown on Figure 2.

2.1 Soil Investigation

Each boring was completed using hand tools to prevent damage to potential unmarked subsurface utilities. The approximate locations of the soil borings are shown on Figure 2. Twenty (20) shallow soil borings were advanced to depths of approximately 24" in areas outside the tees/greens within the proposed development footprint. Roux collected a total of twenty (20) soil samples from the shallow borings. Ten (10) deeper soil borings were advanced to depths of approximately six (6) feet in the tee/green areas. Two soil samples were collected from each deeper soil boring at the 2-4 foot and 4-6 foot intervals, for a total of twenty (20) samples.

Soil from each of the borings was inspected for evidence of potential contamination (odors or staining). A total of forty (40) soil samples were collected and submitted for laboratory analysis.

2.2 Laboratory Analysis

Soil samples were analyzed at Alpha Analytical of Mahwah, New Jersey, a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory. Soil was analyzed for target compound list (TCL) pesticides using United State Environmental Protection Agency (USEPA) Method 8081B, and total lead and total arsenic using USEPA Method 6020B.

3. Phase II ESA Results

Work completed as part of this Limited Phase II ESA included the collection of soil samples. An overview of Site geology, followed by an evaluation of the sampling results is provided below. A full set of laboratory analytical data is provided in Appendix A.

3.1 Site Geology

The Site was covered with grass and vegetation approximately 3 inches thick. Beneath the grass and vegetation, the subsurface is predominantly comprised of fine to coarse sand with some silt.

3.2 Soil Investigation Analytical Results

A total of forty (40) samples were collected for laboratory analysis. Odor nor elevated PID readings were not noted in any of the soil borings.

The concentrations of pesticides and metals were compared to the NYSDEC 6 New York Code of Rules and Regulations (NYCRR) Part 375 Residential Use Soil Cleanup Objectives (RUSCOs) and are provided in Tables 1 and 4. The RUSCO is representative of the proposed use of the redevelopment as single-family housing. Laboratory analytical reports are provided in Appendix A.

Arsenic was detected above RUSCOs in twelve (12) soil samples (DSB-9(4-6), SB-1(0-2), SB-2(0-2), SB-3(0-2), SB-4(0-2), SB-9(0-2), SB-11(0-2), SB-12 (0-2), SB-13(0-2), SB-17(0-2), SB-18(0-1), and SB-20(0-2). Arsenic was detected above RUSCOs in eleven (11) shallow samples collected at the 0'-2' depth and in one deep sample at the 4'-6' depth.

Lead was not detected in levels above the RUSCOs in any of the soil samples.

Dieldrin, a pesticide, was detected above the RUSCOs in three soil samples (SB-2(0-2), SB-11(0-2), and SB-13(0-2)), all at the shallow sample depth of 0'-2'.

4. Conclusions and Recommendations

Soil samples were collected from thirty (30) soil borings at the Site. In general, grass/vegetation was underlain by native soil comprised of fine to coarse sand with some silt.

Arsenic was detected above RUSCOs in twelve (12) soil samples (DSB-9(4-6), SB-1(0-2), SB-2(0-2), SB-3(0-2), SB-4(0-2), SB-9(0-2), SB-11(0-2), SB-12 (0-2), SB-13(0-2), SB-17(0-2), SB-18(0-1), and SB-20(0-2). Arsenic was detected above RUSCOs in eleven (11) shallow samples collected at the 0'-2' depth and in one deep sample at the 4'-6' depth.

Lead was not detected in levels above the RUSCOs in any of the soil samples.

Dieldrin, a pesticide, was detected above the RUSCOs in three soil samples (SB-2(0-2), SB-11(0-2), and SB-13(0-2)), all at the shallow sample depth of 0'-2'.

RUSCOs are the applicable cleanup objectives for single-family housing redevelopment of the Site.

Roux recommends the completion of *in situ* waste characterization sampling prior to the start of excavation to characterize the soil so that disposal facilities can be identified in advance to ensure proper soil disposal. *In situ* waste characterization will also aid in timing for the project because it will eliminate the need to stockpile soil and allow for live loading from the excavation areas into trucks for off-site disposal.

Respectfully submitted,

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TABLES

1. Summary of Metals in Soil
2. Summary of Pesticides in Soil

Notes Utilized Throughout Tables

Soil Tables

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

P - The RPD between the results for the two columns exceeds the method-specified criteria

I - The lower value for the two columns has been reported due to obvious interference

RPD - Relative Percent Difference

ft bls - Feet below land surface

mg/kg - Milligrams per kilogram

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Residential SCO

Table 1. Summary of Metals in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			DSB-1	DSB-1	DSB-2	DSB-2	DSB-3	DSB-3	DSB-4	DSB-4	DSB-5
Sample Date:			05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022
Sample Depth:			2 - 4	4 - 6	2 - 4	4 - 6	2 - 4	4 - 6	2 - 4	4 - 6	2 - 4
Parameter	NSYDEC Part 375 Residential SCO	Units									
Arsenic	16	MG/KG	2.9	2.1	6.7	1.4	2.2	1.7	2.2	2.4	3.4
Lead	400	MG/KG	6.6	5.1	15	2.6	4.2	2.8	5.4	3.4	7.8

Table 1. Summary of Metals in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			DSB-5	DSB-6	DSB-6	DSB-7	DSB-7	DSB-8	DSB-8	DSB-9	DSB-9
Sample Date:			05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022
Sample Depth:			4 - 6	2 - 4	4 - 6	2 - 4	4 - 6	2 - 4	4 - 6	2 - 4	4 - 6
Parameter	NSYDEC Part 375 Residential SCO	Units									
Arsenic	16	MG/KG	4.5	3.4	1.3	1.4	1.7	5.8	3.4	12	21
Lead	400	MG/KG	9.6	7.6	8.3	8.4	6	10	8.4	45	66

Table 1. Summary of Metals in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			DSB-10	DSB-10	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7
Sample Date:			05/10/2022	05/10/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022
Sample Depth:			2 - 4	4 - 6	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
Parameter	NSYDEC Part 375 Residential SCO	Units									
Arsenic	16	MG/KG	3.4	3.3	29	28	17	34	3.2	2.4	11
Lead	400	MG/KG	11	5	49	26	29	78	12	5.6	42

Table 1. Summary of Metals in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16
Sample Date:			05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022
Sample Depth:			0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
Parameter	NSYDEC Part 375 Residential SCO	Units									
Arsenic	16	MG/KG	7.1	31	5.7	100	51	58	15	2.3	3.2
Lead	400	MG/KG	12	67	17	95	130	43	54	7.9	18

Table 1. Summary of Metals in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			SB-17	SB-18	SB-19	SB-20
Sample Date:			05/09/2022	05/09/2022	05/09/2022	05/09/2022
Sample Depth:			0 - 2	0 - 1	0 - 2	0 - 2
Parameter	NSYDEC Part 375 Residential SCO	Units				
Arsenic	16	MG/KG	57	50	12	38
Lead	400	MG/KG	150	46	110	120

Table 2. Summary of Pesticides and Herbicides in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			DSB-1	DSB-1	DSB-2	DSB-2	DSB-3	DSB-3
Sample Date:			05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022
Sample Depth:			2 - 4	4 - 6	2 - 4	4 - 6	2 - 4	4 - 6
Parameter	NSYDEC Part 375 Residential SCO	Units						
Aldrin	0.019	MG/KG	0.00188 U	0.00207 U	0.00216 U	0.00189 U	0.00185 U	0.0019 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.097	MG/KG	0.000783 U	0.000863 U	0.000901 U	0.000788 U	0.000771 U	0.000792 U
Alpha Endosulfan	4.8	MG/KG	0.00188 U	0.00207 U	0.00216 U	0.00189 U	0.00185 U	0.0019 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.072	MG/KG	0.00188 U	0.00207 U	0.00216 U	0.00189 U	0.00185 U	0.0019 U
Beta Endosulfan	4.8	MG/KG	0.00188 U	0.00207 U	0.00216 U	0.00189 U	0.00185 U	0.0019 U
Chlordane	--	MG/KG	0.0156 U	0.0172 U	0.018 U	0.0158 U	0.0154 U	0.0158 U
cis-Chlordane	0.91	MG/KG	0.00235 U	0.00259 U	0.00109 JIP	0.00236 U	0.00231 U	0.00238 U
Delta BHC (Delta Hexachlorocyclohexane)	100	MG/KG	0.00188 U	0.00207 U	0.00216 U	0.00189 U	0.00185 U	0.0019 U
Dieldrin	0.039	MG/KG	0.00117 U	0.00129 U	0.00649	0.00118 U	0.00116 U	0.00119 U
Endosulfan Sulfate	4.8	MG/KG	0.000783 U	0.000863 U	0.000901 U	0.000788 U	0.000771 U	0.000792 U
Endrin	2.2	MG/KG	0.000783 U	0.000863 U	0.000901 U	0.000788 U	0.000771 U	0.000792 U
Endrin Aldehyde	--	MG/KG	0.00235 U	0.00259 U	0.0027 U	0.00236 U	0.00231 U	0.00238 U
Endrin Ketone	--	MG/KG	0.00188 U	0.00207 U	0.00216 U	0.00189 U	0.00185 U	0.0019 U
Gamma Bhc (Lindane)	0.28	MG/KG	0.000783 U	0.000863 U	0.000901 U	0.000788 U	0.000771 U	0.000792 U
Heptachlor	0.42	MG/KG	0.00094 U	0.00104 U	0.00108 U	0.000946 U	0.000925 U	0.00095 U
Heptachlor Epoxide	--	MG/KG	0.00352 U	0.00388 U	0.00135 J	0.00355 U	0.00347 U	0.00356 U
Methoxychlor	--	MG/KG	0.00352 U	0.00388 U	0.00406 U	0.00355 U	0.00347 U	0.00356 U
P,P'-DDD	2.6	MG/KG	0.00188 U	0.00207 U	0.00216 U	0.00189 U	0.00185 U	0.0019 U
P,P'-DDE	1.8	MG/KG	0.000464 J	0.00207 U	0.0827	0.00447	0.00185 U	0.0019 U
P,P'-DDT	1.7	MG/KG	0.00352 U	0.00388 U	0.0138	0.00355 U	0.00347 U	0.00356 U
Toxaphene	--	MG/KG	0.0352 U	0.0388 U	0.0406 U	0.0355 U	0.0347 U	0.0356 U
trans-Chlordane	--	MG/KG	0.00235 U	0.00259 U	0.000952 JIP	0.00236 U	0.00231 U	0.00238 U

Table 2. Summary of Pesticides and Herbicides in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			DSB-4	DSB-4	DSB-5	DSB-5	DSB-6	DSB-6
Sample Date:			05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022
Sample Depth:			2 - 4	4 - 6	2 - 4	4 - 6	2 - 4	4 - 6
Parameter	NSYDEC Part 375 Residential SCO	Units						
Aldrin	0.019	MG/KG	0.00199 U	0.00197 U	0.00224 U	0.00202 U	0.00207 U	0.00205 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.097	MG/KG	0.00083 U	0.000819 U	0.000933 U	0.00084 U	0.000864 U	0.000854 U
Alpha Endosulfan	4.8	MG/KG	0.00199 U	0.00197 U	0.00224 U	0.00202 U	0.00207 U	0.00205 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.072	MG/KG	0.00199 U	0.00197 U	0.00224 U	0.00202 U	0.00207 U	0.00205 U
Beta Endosulfan	4.8	MG/KG	0.00199 U	0.00197 U	0.00224 U	0.00202 U	0.00207 U	0.00205 U
Chlordane	--	MG/KG	0.0166 U	0.0164 U	0.0186 U	0.0168 U	0.0173 U	0.0171 U
cis-Chlordane	0.91	MG/KG	0.00249 U	0.00246 U	0.0028 U	0.00252 U	0.00259 U	0.00256 U
Delta BHC (Delta Hexachlorocyclohexane)	100	MG/KG	0.00199 U	0.00197 U	0.00224 U	0.00202 U	0.00207 U	0.00205 U
Dieldrin	0.039	MG/KG	0.00124 U	0.00123 U	0.0014 U	0.00126 U	0.0013 U	0.00128 U
Endosulfan Sulfate	4.8	MG/KG	0.00083 U	0.000819 U	0.000933 U	0.00084 U	0.000864 U	0.000854 U
Endrin	2.2	MG/KG	0.00083 U	0.000819 U	0.000933 U	0.00084 U	0.000864 U	0.000854 U
Endrin Aldehyde	--	MG/KG	0.00249 U	0.00246 U	0.0028 U	0.00252 U	0.00259 U	0.00256 U
Endrin Ketone	--	MG/KG	0.00199 U	0.00197 U	0.00224 U	0.00202 U	0.00207 U	0.00205 U
Gamma Bhc (Lindane)	0.28	MG/KG	0.00083 U	0.000819 U	0.000933 U	0.00084 U	0.000864 U	0.000854 U
Heptachlor	0.42	MG/KG	0.000995 U	0.000983 U	0.00112 U	0.00101 U	0.00104 U	0.00102 U
Heptachlor Epoxide	--	MG/KG	0.00373 U	0.00369 U	0.0042 U	0.00378 U	0.00389 U	0.00384 U
Methoxychlor	--	MG/KG	0.00373 U	0.00369 U	0.0042 U	0.00378 U	0.00389 U	0.00384 U
P,P'-DDD	2.6	MG/KG	0.00199 U	0.00197 U	0.00224 U	0.00202 U	0.00207 U	0.00205 U
P,P'-DDE	1.8	MG/KG	0.00199 U	0.00197 U	0.00224 U	0.00202 U	0.00207 U	0.00205 U
P,P'-DDT	1.7	MG/KG	0.00373 U	0.00369 U	0.0042 U	0.00378 U	0.00389 U	0.00384 U
Toxaphene	--	MG/KG	0.0373 U	0.0369 U	0.042 U	0.0378 U	0.0389 U	0.0384 U
trans-Chlordane	--	MG/KG	0.00249 U	0.00246 U	0.0028 U	0.00252 U	0.00259 U	0.00256 U

Table 2. Summary of Pesticides and Herbicides in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			DSB-7	DSB-7	DSB-8	DSB-8	DSB-9	DSB-9
Sample Date:			05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022
Sample Depth:			2 - 4	4 - 6	2 - 4	4 - 6	2 - 4	4 - 6
Parameter	NSYDEC Part 375 Residential SCO	Units						
Aldrin	0.019	MG/KG	0.00208 U	0.00193 U	0.002 U	0.00206 U	0.00229 U	0.00194 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.097	MG/KG	0.000867 U	0.000803 U	0.000832 U	0.000858 U	0.000955 U	0.000809 U
Alpha Endosulfan	4.8	MG/KG	0.00208 U	0.00193 U	0.002 U	0.00206 U	0.00229 U	0.00194 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.072	MG/KG	0.00208 U	0.00193 U	0.002 U	0.00206 U	0.00229 U	0.00194 U
Beta Endosulfan	4.8	MG/KG	0.00208 U	0.00193 U	0.002 U	0.00206 U	0.00229 U	0.00194 U
Chlordane	--	MG/KG	0.0173 U	0.0161 U	0.0717	0.0172 U	0.0623 P	0.0548
cis-Chlordane	0.91	MG/KG	0.0026 U	0.00241 U	0.0103 IP	0.00257 U	0.00504 IP	0.00274 IP
Delta BHC (Delta Hexachlorocyclohexane)	100	MG/KG	0.00208 U	0.00193 U	0.002 U	0.00206 U	0.00229 U	0.00194 U
Dieldrin	0.039	MG/KG	0.0013 U	0.0012 U	0.041	0.00129 U	0.0102	0.00121 U
Endosulfan Sulfate	4.8	MG/KG	0.000867 U	0.000803 U	0.000832 U	0.000858 U	0.000955 U	0.000809 U
Endrin	2.2	MG/KG	0.000867 U	0.000803 U	0.000832 U	0.000858 U	0.000955 U	0.000809 U
Endrin Aldehyde	--	MG/KG	0.0026 U	0.00241 U	0.0025 U	0.00257 U	0.00286 U	0.00243 U
Endrin Ketone	--	MG/KG	0.00208 U	0.00193 U	0.002 U	0.00206 U	0.00229 U	0.00194 U
Gamma Bhc (Lindane)	0.28	MG/KG	0.000867 U	0.000803 U	0.000832 U	0.000858 U	0.000955 U	0.000809 U
Heptachlor	0.42	MG/KG	0.00104 U	0.000964 U	0.000999 U	0.00103 U	0.000835 J	0.000971 U
Heptachlor Epoxide	--	MG/KG	0.0039 U	0.00361 U	0.0134	0.00386 U	0.0016 JP	0.00133 J
Methoxychlor	--	MG/KG	0.0039 U	0.00361 U	0.00374 U	0.00386 U	0.0043 U	0.00364 U
P,P'-DDD	2.6	MG/KG	0.00208 U	0.00193 U	0.002 U	0.00206 U	0.00465	0.000926 J
P,P'-DDE	1.8	MG/KG	0.0012 J	0.00193 U	0.01	0.00206 U	0.0446	0.0117
P,P'-DDT	1.7	MG/KG	0.0039 U	0.00361 U	0.00165 J	0.00386 U	0.0111	0.00273 J
Toxaphene	--	MG/KG	0.039 U	0.0361 U	0.0374 U	0.0386 U	0.043 U	0.0364 U
trans-Chlordane	--	MG/KG	0.0026 U	0.00241 U	0.0114	0.00257 U	0.0031 IP	0.00144 JIP

Table 2. Summary of Pesticides and Herbicides in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			DSB-10	DSB-10	SB-1	SB-2	SB-3	SB-4
Sample Date:			05/10/2022	05/10/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022
Sample Depth:			2 - 4	4 - 6	0 - 2	0 - 2	0 - 2	0 - 2
Parameter	NSYDEC Part 375 Residential SCO	Units						
Aldrin	0.019	MG/KG	0.00198 U	0.00208 U	0.00193 U	0.0024 U	0.00184 U	0.00192 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.097	MG/KG	0.000827 U	0.000869 U	0.000806 U	0.000999 U	0.000768 U	0.0008 U
Alpha Endosulfan	4.8	MG/KG	0.00198 U	0.00208 U	0.00193 U	0.0024 U	0.00184 U	0.00192 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.072	MG/KG	0.00198 U	0.00208 U	0.00193 U	0.0024 U	0.00184 U	0.00192 U
Beta Endosulfan	4.8	MG/KG	0.00198 U	0.00208 U	0.00193 U	0.0024 U	0.00184 U	0.00192 U
Chlordane	--	MG/KG	0.0165 U	0.0174 U	0.0161 U	0.02 U	0.0154 U	0.016 U
cis-Chlordane	0.91	MG/KG	0.00248 U	0.00261 U	0.00509 IP	0.03 IP	0.0023 U	0.002 JIP
Delta BHC (Delta Hexachlorocyclohexane)	100	MG/KG	0.00198 U	0.00208 U	0.00193 U	0.0024 U	0.00184 U	0.00192 U
Dieldrin	0.039	MG/KG	0.00124 U	0.0013 U	0.029	0.132	0.00485	0.0132
Endosulfan Sulfate	4.8	MG/KG	0.000827 U	0.000869 U	0.000806 U	0.000999 U	0.000768 U	0.0008 U
Endrin	2.2	MG/KG	0.000827 U	0.000869 U	0.000806 U	0.000999 U	0.000768 U	0.0008 U
Endrin Aldehyde	--	MG/KG	0.00248 U	0.00261 U	0.00242 U	0.003 U	0.0023 U	0.0024 U
Endrin Ketone	--	MG/KG	0.00198 U	0.00208 U	0.00193 U	0.0024 U	0.00184 U	0.00192 U
Gamma Bhc (Lindane)	0.28	MG/KG	0.000827 U	0.000869 U	0.000806 U	0.000999 U	0.000768 U	0.0008 U
Heptachlor	0.42	MG/KG	0.000992 U	0.00104 U	0.000967 U	0.0012 U	0.000922 U	0.00096 U
Heptachlor Epoxide	--	MG/KG	0.00372 U	0.00391 U	0.0101	0.0765	0.00146 J	0.0105
Methoxychlor	--	MG/KG	0.00372 U	0.00391 U	0.00362 U	0.0045 U	0.00346 U	0.0036 U
P,P'-DDD	2.6	MG/KG	0.00198 U	0.00208 U	0.00193 U	0.0024 U	0.00184 U	0.00192 U
P,P'-DDE	1.8	MG/KG	0.00198 U	0.00208 U	0.0213	0.035	0.00339	0.384
P,P'-DDT	1.7	MG/KG	0.00372 U	0.00391 U	0.00765	0.0127	0.00346 U	0.0912
Toxaphene	--	MG/KG	0.0372 U	0.0391 U	0.0362 U	0.045 U	0.0346 U	0.036 U
trans-Chlordane	--	MG/KG	0.00248 U	0.00261 U	0.00691 IP	0.0305	0.00176 JIP	0.00355 IP

Table 2. Summary of Pesticides and Herbicides in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			SB-5	SB-6	SB-7	SB-8	SB-9	SB-10
Sample Date:			05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022
Sample Depth:			0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
Parameter	NSYDEC Part 375 Residential SCO	Units						
Aldrin	0.019	MG/KG	0.00171 U	0.00174 U	0.00188 U	0.00199 U	0.002 U	0.00204 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.097	MG/KG	0.000712 U	0.000726 U	0.000786 U	0.00083 U	0.000832 U	0.000849 U
Alpha Endosulfan	4.8	MG/KG	0.00171 U	0.00174 U	0.00188 U	0.00199 U	0.002 U	0.00204 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.072	MG/KG	0.00171 U	0.00174 U	0.00188 U	0.00199 U	0.002 U	0.00204 U
Beta Endosulfan	4.8	MG/KG	0.00171 U	0.00174 U	0.00188 U	0.00199 U	0.002 U	0.00204 U
Chlordane	--	MG/KG	0.0142 U	0.0145 U	0.0157 U	0.0166 U	0.0166 U	0.017 U
cis-Chlordane	0.91	MG/KG	0.00291 IP	0.00218 U	0.00236 U	0.00179 JIP	0.00177 JIP	0.00255 U
Delta BHC (Delta Hexachlorocyclohexane)	100	MG/KG	0.00171 U	0.00174 U	0.00188 U	0.00199 U	0.002 U	0.00204 U
Dieldrin	0.039	MG/KG	0.00277	0.00109 U	0.00118 U	0.00933	0.000978 J	0.00127 U
Endosulfan Sulfate	4.8	MG/KG	0.000712 U	0.000726 U	0.000786 U	0.00083 U	0.000832 U	0.000849 U
Endrin	2.2	MG/KG	0.000712 U	0.000726 U	0.000786 U	0.00083 U	0.000832 U	0.000849 U
Endrin Aldehyde	--	MG/KG	0.00214 U	0.00218 U	0.00236 U	0.00249 U	0.0025 U	0.00255 U
Endrin Ketone	--	MG/KG	0.00171 U	0.00174 U	0.00188 U	0.00199 U	0.002 U	0.00204 U
Gamma Bhc (Lindane)	0.28	MG/KG	0.000712 U	0.000726 U	0.000786 U	0.00083 U	0.000832 U	0.000849 U
Heptachlor	0.42	MG/KG	0.000854 U	0.000871 U	0.000943 U	0.000996 U	0.000998 U	0.00102 U
Heptachlor Epoxide	--	MG/KG	0.0032 U	0.00327 U	0.00354 U	0.00558	0.00238 J	0.00382 U
Methoxychlor	--	MG/KG	0.0032 U	0.00327 U	0.00354 U	0.00373 U	0.00374 U	0.00382 U
P,P'-DDD	2.6	MG/KG	0.00171 U	0.00174 U	0.00188 U	0.00199 U	0.002 U	0.00204 U
P,P'-DDE	1.8	MG/KG	0.00211	0.000532 JIP	0.00601	0.0154	0.0273	0.167
P,P'-DDT	1.7	MG/KG	0.0032 U	0.00327 U	0.00207 J	0.00739	0.013	0.0198
Toxaphene	--	MG/KG	0.032 U	0.0327 U	0.0354 U	0.0373 U	0.0374 U	0.0382 U
trans-Chlordane	--	MG/KG	0.00286 IP	0.00218 U	0.00236 U	0.0038 IP	0.00251 IP	0.00165 JIP

Table 2. Summary of Pesticides and Herbicides in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			SB-11	SB-12	SB-13	SB-14	SB-15	SB-16
Sample Date:			05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022	05/09/2022
Sample Depth:			0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
Parameter	NSYDEC Part 375 Residential SCO	Units						
Aldrin	0.019	MG/KG	0.00242 U	0.002 U	0.00213 U	0.00206 U	0.00206 U	0.00209 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.097	MG/KG	0.00101 U	0.000835 U	0.000886 U	0.00086 U	0.000857 U	0.00087 U
Alpha Endosulfan	4.8	MG/KG	0.00242 U	0.002 U	0.00213 U	0.00206 U	0.00206 U	0.00209 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.072	MG/KG	0.00242 U	0.002 U	0.00213 U	0.00206 U	0.00206 U	0.00209 U
Beta Endosulfan	4.8	MG/KG	0.00242 U	0.0246 IP	0.00213 U	0.00206 U	0.00206 U	0.00209 U
Chlordane	--	MG/KG	0.0202 U	1.56	0.0177 U	0.0172 U	0.0171 U	0.0174 U
cis-Chlordane	0.91	MG/KG	0.0567 IP	0.28	0.0332 IP	0.00148 JIP	0.00173 JIP	0.00401 IP
Delta BHC (Delta Hexachlorocyclohexane)	100	MG/KG	0.00242 U	0.002 U	0.00213 U	0.00206 U	0.00206 U	0.00209 U
Dieldrin	0.039	MG/KG	0.0955	0.00125 U	0.175	0.00129 U	0.00257	0.00193
Endosulfan Sulfate	4.8	MG/KG	0.00101 U	0.00709 IP	0.000886 U	0.00086 U	0.000857 U	0.00087 U
Endrin	2.2	MG/KG	0.00101 U	0.000835 U	0.000886 U	0.00086 U	0.000857 U	0.00087 U
Endrin Aldehyde	--	MG/KG	0.00303 U	0.0025 U	0.00266 U	0.00258 U	0.00257 U	0.00261 U
Endrin Ketone	--	MG/KG	0.00242 U	0.002 U	0.00213 U	0.00206 U	0.00206 U	0.00209 U
Gamma Bhc (Lindane)	0.28	MG/KG	0.00101 U	0.000835 U	0.000886 U	0.00086 U	0.000857 U	0.00087 U
Heptachlor	0.42	MG/KG	0.00121 U	0.001 U	0.00106 U	0.00103 U	0.00103 U	0.00104 U
Heptachlor Epoxide	--	MG/KG	0.0966 P	0.0733 IP	0.0365	0.00425	0.00386 U	0.0066
Methoxychlor	--	MG/KG	0.00454 U	0.00376 U	0.00399 U	0.00387 U	0.00386 U	0.00391 U
P,P'-DDD	2.6	MG/KG	0.0216	0.002 U	0.00213 U	0.00206 U	0.00206 U	0.00209 U
P,P'-DDE	1.8	MG/KG	0.362	0.33	0.0817	0.0144	0.00344	0.00246
P,P'-DDT	1.7	MG/KG	0.289	0.298	0.0164	0.0031 JIP	0.00386 U	0.00391 U
Toxaphene	--	MG/KG	0.0454 U	0.0376 U	0.0399 U	0.0387 U	0.0386 U	0.0391 U
trans-Chlordane	--	MG/KG	0.0542	0.193	0.0343	0.00427 IP	0.00308 IP	0.0046 IP

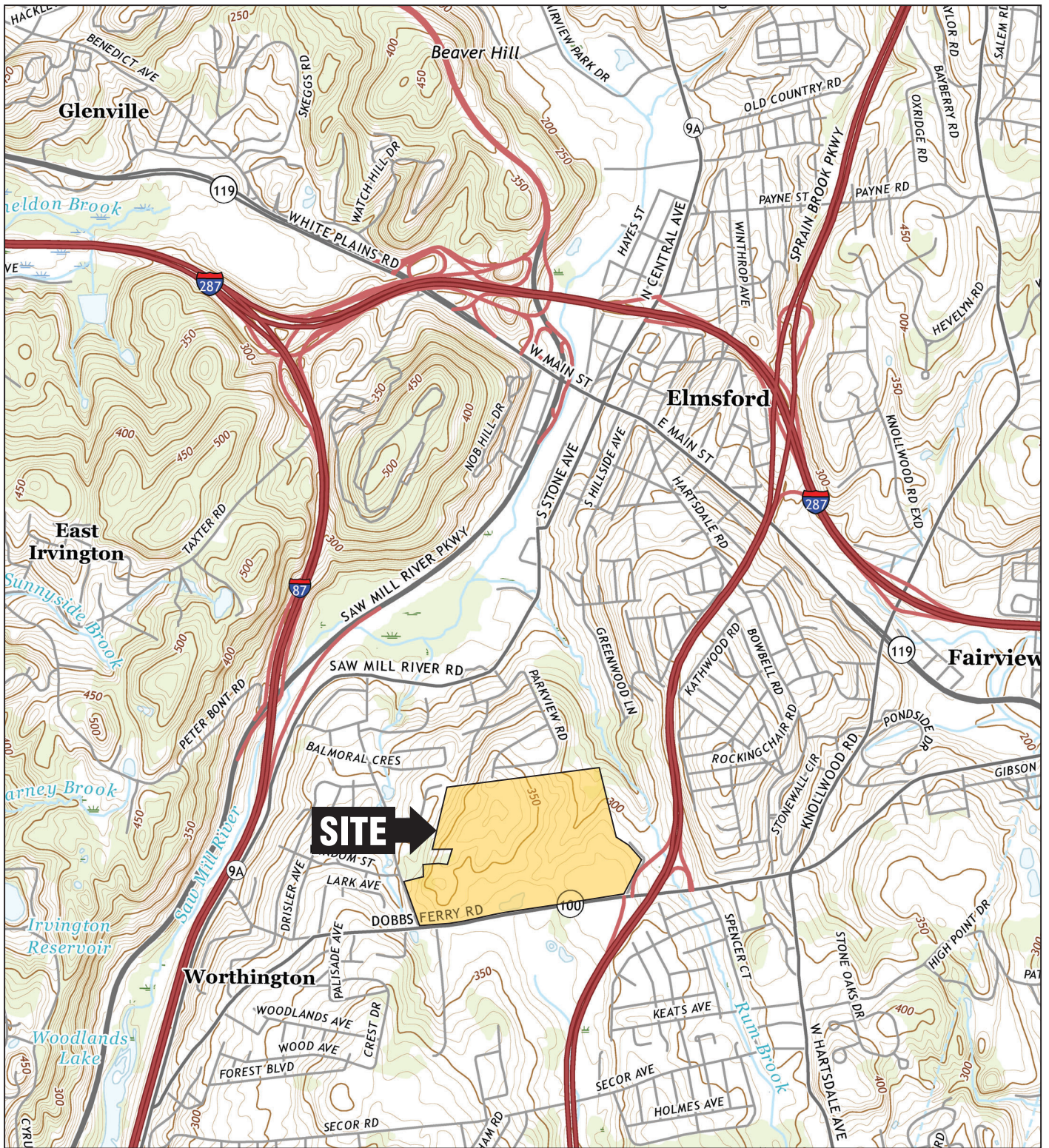
Table 2. Summary of Pesticides and Herbicides in Soil, Elmwood Country Club, 850 Dobbs Ferry Road, White Plains, New York

Sample Designation:			SB-17	SB-18	SB-19	SB-20
Sample Date:			05/09/2022	05/09/2022	05/09/2022	05/09/2022
Sample Depth:			0 - 2	0 - 1	0 - 2	0 - 2
Parameter	NSYDEC Part 375 Residential SCO	Units				
Aldrin	0.019	MG/KG	0.00198 U	0.00192 U	0.00235 U	0.002 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.097	MG/KG	0.000824 U	0.000801 U	0.000979 U	0.000833 U
Alpha Endosulfan	4.8	MG/KG	0.00198 U	0.00192 U	0.00235 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.072	MG/KG	0.00198 U	0.00192 U	0.00235 U	0.002 U
Beta Endosulfan	4.8	MG/KG	0.00198 U	0.00192 U	0.00235 U	0.002 U
Chlordane	--	MG/KG	0.0165 U	0.016 U	0.0196 U	0.0824 P
cis-Chlordane	0.91	MG/KG	0.0214 IP	0.00422 IP	0.00294 U	0.00607 IP
Delta BHC (Delta Hexachlorocyclohexane)	100	MG/KG	0.00198 U	0.00192 U	0.00235 U	0.002 U
Dieldrin	0.039	MG/KG	0.0297	0.0357	0.00147 U	0.00125 U
Endosulfan Sulfate	4.8	MG/KG	0.000824 U	0.000801 U	0.000979 U	0.000833 U
Endrin	2.2	MG/KG	0.000824 U	0.000801 U	0.000979 U	0.000833 U
Endrin Aldehyde	--	MG/KG	0.00247 U	0.0024 U	0.00294 U	0.0025 U
Endrin Ketone	--	MG/KG	0.00198 U	0.00192 U	0.00235 U	0.002 U
Gamma Bhc (Lindane)	0.28	MG/KG	0.000824 U	0.000801 U	0.000979 U	0.000833 U
Heptachlor	0.42	MG/KG	0.00099 U	0.000961 U	0.00117 U	0.000566 JIP
Heptachlor Epoxide	--	MG/KG	0.0202	0.00734	0.0044 U	0.00375 U
Methoxychlor	--	MG/KG	0.00371 U	0.0036 U	0.0044 U	0.00375 U
P,P'-DDD	2.6	MG/KG	0.00198 U	0.00192 U	0.00235 U	0.002 U
P,P'-DDE	1.8	MG/KG	0.0603	0.00531	0.00358	0.00334
P,P'-DDT	1.7	MG/KG	0.011	0.00226 J	0.00337 J	0.00291 J
Toxaphene	--	MG/KG	0.0371 U	0.036 U	0.044 U	0.0375 U
trans-Chlordane	--	MG/KG	0.0187	0.00461 IP	0.00294 U	0.0081 IP

Phase II Environmental Site Assessment
850 Dobbs Ferry Road, White Plains, New York

FIGURES

1. Site Location Map
2. Site Plan
3. Summary of Exceedances in Soil



QUADRANGLE LOCATION



SOURCE:
USGS; 2019, White Plains, NY
7.5 Minute Topographic Quadrangle



Title:

SITE LOCATION MAP

850 DOBBS FERRY ROAD
WHITE PLAINS, NEW YORK

Prepared for:

RIDGEWOOD REAL ESTATE PARTNERS



Compiled by: E.B.	Date: 19MAY22
Prepared by: B.H.C.	Scale: AS SHOWN
Project Mgr: E.B.	Project: 3858.0002Y000
File: 3858.0002Y100.01.CDR	

FIGURE

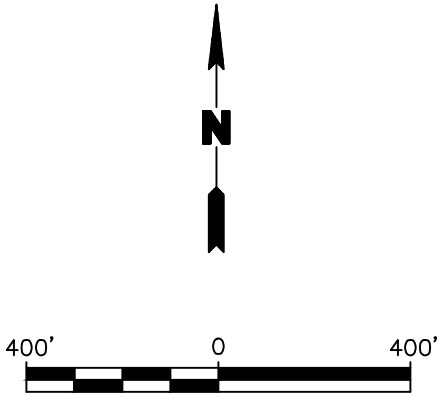
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LEGEND

- APPROXIMATE SITE BOUNDARY
- SHALLOW SAMPLE LOCATION
- DEEP SAMPLE LOCATION



Title:			
SITE PLAN			
850 DOBBS FERRY ROAD WHITE PLAINS, NEW YORK			
Prepared for:			
RIDGEWOOD REAL ESTATE PARTNERS			
ROUX	Compiled by: E.B.	Date: 5/25/2022	FIGURE 2
	Prepared by: B.H.C.	Scale: AS SHOWN	
	Project Mgr: E.B.	Project: 3858.0002Y000	
	File: 3858.0002Y100.02.DWG		

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LEGEND

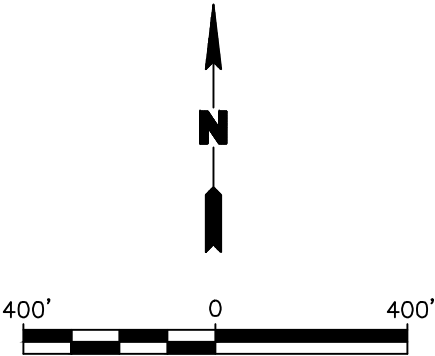
- APPROXIMATE SITE BOUNDARY
- SHALLOW SAMPLE LOCATION
- DEEP SAMPLE LOCATION

TYPICAL DATA BOX INFORMATION

SAMPLE ID	SB-4	05/09/2022	SAMPLE DATE
	Depth (ft bls)	0 - 2	
ANALYTES	Metals		CONCENTRATION
	Arsenic	34	

	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	
Parameter		Units
Metals		
Arsenic	16	mg/kg
Pesticides		
Dieldrin	0.039	mg/kg

mg/kg - Milligrams per kilogram
NYSDEC - New York State Department of Environmental Conservation
-- - No NYSDEC Part 375 Soil Cleanup Objectives available
J - Estimated value
NE - No exceedance
ND - No detection
ft bls - Feet below land surface



Title:

**SUMMARY OF EXCEEDANCES
IN SOIL**

850 DOBBS FERRY ROAD
WHITE PLAINS, NEW YORK

Prepared for:

RIDGEWOOD REAL ESTATE PARTNERS

Compiled by: E.B.
Prepared by: B.H.C.
Project Mgr: E.B.
File: 3858.0002Y100.02.DWG

Date: 5/25/2022
Scale: AS SHOWN
Project: 3858.0002Y000

FIGURE
3

Phase II Environmental Site Assessment
850 Dobbs Ferry Road, White Plains, New York

APPENDICES

A. Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2224324
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Emily Butler
Phone:	(631) 630-2432
Project Name:	ELMWOOD GOLF COURSE
Project Number:	3858.0002Y000
Report Date:	05/17/22

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224324
Report Date: 05/17/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2224324-01	SB-1_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 08:15	05/09/22
L2224324-02	SB-2_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 08:25	05/09/22
L2224324-03	SB-3_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 08:35	05/09/22
L2224324-04	SB-4_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 08:55	05/09/22
L2224324-05	SB-5_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 09:15	05/09/22
L2224324-06	SB-6_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 09:25	05/09/22
L2224324-07	SB-7_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 09:45	05/09/22
L2224324-08	SB-8_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 10:15	05/09/22
L2224324-09	SB-9_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 10:35	05/09/22
L2224324-10	SB-10_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 10:55	05/09/22
L2224324-11	SB-11_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 11:05	05/09/22
L2224324-12	SB-12_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 11:15	05/09/22
L2224324-13	SB-13_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 11:30	05/09/22
L2224324-14	SB-14_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 11:45	05/09/22
L2224324-15	SB-15_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 11:55	05/09/22
L2224324-16	SB-16_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 12:05	05/09/22
L2224324-17	SB-17_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 12:45	05/09/22
L2224324-18	SB-18_0-1	SOIL	850 DOBBS FERRY RD	05/09/22 12:55	05/09/22
L2224324-19	SB-19_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 13:15	05/09/22
L2224324-20	SB-20_0-2	SOIL	850 DOBBS FERRY RD	05/09/22 13:30	05/09/22

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224324
Report Date: 05/17/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224324
Report Date: 05/17/22

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

The WG1637867-3 MS recoveries for arsenic (509%) and lead (1650%), performed on L2224324-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: *Tiffani Morrissey* - Tiffani Morrissey

Title: Technical Director/Representative

Date: 05/17/22

ORGANICS

PESTICIDES

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-01
 Client ID: SB-1_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 08:15
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 08:36
 Analyst: AR
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.379	1	A
Lindane	ND		ug/kg	0.806	0.360	1	A
Alpha-BHC	ND		ug/kg	0.806	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.733	1	A
Heptachlor	ND		ug/kg	0.967	0.434	1	A
Aldrin	ND		ug/kg	1.93	0.681	1	A
Heptachlor epoxide	10.1		ug/kg	3.62	1.09	1	B
Endrin	ND		ug/kg	0.806	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.846	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	29.0		ug/kg	1.21	0.604	1	A
4,4'-DDE	21.3		ug/kg	1.93	0.447	1	A
4,4'-DDD	ND		ug/kg	1.93	0.690	1	A
4,4'-DDT	7.65		ug/kg	3.62	1.56	1	A
Endosulfan I	ND		ug/kg	1.93	0.457	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	ND		ug/kg	0.806	0.384	1	A
Methoxychlor	ND		ug/kg	3.62	1.13	1	A
Toxaphene	ND		ug/kg	36.2	10.2	1	A
cis-Chlordane	5.09	IP	ug/kg	2.42	0.674	1	B
trans-Chlordane	6.91	IP	ug/kg	2.42	0.638	1	B
Chlordane	ND		ug/kg	16.1	6.40	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-01

Date Collected: 05/09/22 08:15

Client ID: SB-1_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-02
 Client ID: SB-2_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 08:25
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 08:49
 Analyst: AR
 Percent Solids: 65%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.40	0.470	1	A
Lindane	ND		ug/kg	0.999	0.446	1	A
Alpha-BHC	ND		ug/kg	0.999	0.284	1	A
Beta-BHC	ND		ug/kg	2.40	0.909	1	A
Heptachlor	ND		ug/kg	1.20	0.537	1	A
Aldrin	ND		ug/kg	2.40	0.844	1	A
Heptachlor epoxide	76.5		ug/kg	4.50	1.35	1	B
Endrin	ND		ug/kg	0.999	0.410	1	A
Endrin aldehyde	ND		ug/kg	3.00	1.05	1	A
Endrin ketone	ND		ug/kg	2.40	0.617	1	A
Dieldrin	132		ug/kg	1.50	0.749	1	A
4,4'-DDE	35.0		ug/kg	2.40	0.554	1	A
4,4'-DDD	ND		ug/kg	2.40	0.855	1	A
4,4'-DDT	12.7		ug/kg	4.50	1.93	1	A
Endosulfan I	ND		ug/kg	2.40	0.566	1	A
Endosulfan II	ND		ug/kg	2.40	0.801	1	A
Endosulfan sulfate	ND		ug/kg	0.999	0.476	1	A
Methoxychlor	ND		ug/kg	4.50	1.40	1	A
Toxaphene	ND		ug/kg	45.0	12.6	1	A
cis-Chlordane	30.0	IP	ug/kg	3.00	0.835	1	B
trans-Chlordane	30.5		ug/kg	3.00	0.791	1	A
Chlordane	ND		ug/kg	20.0	7.94	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-02

Date Collected: 05/09/22 08:25

Client ID: SB-2_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-03
 Client ID: SB-3_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 08:35
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 09:01
 Analyst: AR
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.343	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	ND		ug/kg	0.922	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	1.46	J	ug/kg	3.46	1.04	1	B
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.806	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	4.85		ug/kg	1.15	0.576	1	B
4,4'-DDE	3.39		ug/kg	1.84	0.426	1	B
4,4'-DDD	ND		ug/kg	1.84	0.657	1	A
4,4'-DDT	ND	IP	ug/kg	3.46	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.68	1	A
cis-Chlordane	ND	IP	ug/kg	2.30	0.642	1	B
trans-Chlordane	1.76	JIP	ug/kg	2.30	0.608	1	B
Chlordane	ND		ug/kg	15.4	6.10	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-03

Date Collected: 05/09/22 08:35

Client ID: SB-3_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-04
 Client ID: SB-4_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 08:55
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 09:14
 Analyst: AR
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.800	0.357	1	A
Alpha-BHC	ND		ug/kg	0.800	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.728	1	A
Heptachlor	ND		ug/kg	0.960	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.676	1	A
Heptachlor epoxide	10.5		ug/kg	3.60	1.08	1	B
Endrin	ND		ug/kg	0.800	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.840	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	13.2		ug/kg	1.20	0.600	1	B
4,4'-DDE	372	E	ug/kg	1.92	0.444	1	A
4,4'-DDD	ND		ug/kg	1.92	0.684	1	A
4,4'-DDT	91.2		ug/kg	3.60	1.54	1	B
Endosulfan I	ND		ug/kg	1.92	0.453	1	A
Endosulfan II	ND		ug/kg	1.92	0.641	1	A
Endosulfan sulfate	ND		ug/kg	0.800	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	2.00	JIP	ug/kg	2.40	0.668	1	B
trans-Chlordane	3.55	IP	ug/kg	2.40	0.633	1	B
Chlordane	ND		ug/kg	16.0	6.36	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-04

Date Collected: 05/09/22 08:55

Client ID: SB-4_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-04 D
 Client ID: SB-4_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 08:55
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 13:41
 Analyst: AR
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	384		ug/kg	9.60	2.22	5	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-05
 Client ID: SB-5_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 09:15
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 09:26
 Analyst: AR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.334	1	A
Lindane	ND		ug/kg	0.712	0.318	1	A
Alpha-BHC	ND		ug/kg	0.712	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.854	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.601	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.961	1	A
Endrin	ND		ug/kg	0.712	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.747	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	2.77		ug/kg	1.07	0.534	1	B
4,4'-DDE	2.11		ug/kg	1.71	0.395	1	B
4,4'-DDD	ND		ug/kg	1.71	0.609	1	A
4,4'-DDT	ND		ug/kg	3.20	1.37	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.571	1	A
Endosulfan sulfate	ND		ug/kg	0.712	0.339	1	A
Methoxychlor	ND		ug/kg	3.20	0.996	1	A
Toxaphene	ND		ug/kg	32.0	8.97	1	A
cis-Chlordane	2.91	IP	ug/kg	2.14	0.595	1	B
trans-Chlordane	2.86	IP	ug/kg	2.14	0.564	1	B
Chlordane	ND		ug/kg	14.2	5.66	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-05

Date Collected: 05/09/22 09:15

Client ID: SB-5_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-06
 Client ID: SB-6_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 09:25
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 09:39
 Analyst: AR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.726	0.324	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.661	1	A
Heptachlor	ND		ug/kg	0.871	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.980	1	A
Endrin	ND		ug/kg	0.726	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	0.532	JIP	ug/kg	1.74	0.403	1	A
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	3.27	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.15	1	A
cis-Chlordane	ND		ug/kg	2.18	0.607	1	A
trans-Chlordane	ND		ug/kg	2.18	0.575	1	A
Chlordane	ND		ug/kg	14.5	5.77	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-06

Date Collected: 05/09/22 09:25

Client ID: SB-6_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-07
 Client ID: SB-7_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 09:45
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 09:52
 Analyst: AR
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.369	1	A
Lindane	ND		ug/kg	0.786	0.351	1	A
Alpha-BHC	ND		ug/kg	0.786	0.223	1	A
Beta-BHC	ND		ug/kg	1.88	0.715	1	A
Heptachlor	ND		ug/kg	0.943	0.423	1	A
Aldrin	ND		ug/kg	1.88	0.664	1	A
Heptachlor epoxide	ND		ug/kg	3.54	1.06	1	A
Endrin	ND		ug/kg	0.786	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.825	1	A
Endrin ketone	ND		ug/kg	1.88	0.486	1	A
Dieldrin	ND		ug/kg	1.18	0.589	1	A
4,4'-DDE	6.01		ug/kg	1.88	0.436	1	B
4,4'-DDD	ND		ug/kg	1.88	0.672	1	A
4,4'-DDT	2.07	J	ug/kg	3.54	1.52	1	B
Endosulfan I	ND		ug/kg	1.88	0.445	1	A
Endosulfan II	ND		ug/kg	1.88	0.630	1	A
Endosulfan sulfate	ND		ug/kg	0.786	0.374	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.90	1	A
cis-Chlordane	ND		ug/kg	2.36	0.657	1	A
trans-Chlordane	ND		ug/kg	2.36	0.622	1	A
Chlordane	ND		ug/kg	15.7	6.25	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-07

Date Collected: 05/09/22 09:45

Client ID: SB-7_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-08
 Client ID: SB-8_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 10:15
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 10:04
 Analyst: AR
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.99	0.390	1	A
Lindane	ND		ug/kg	0.830	0.371	1	A
Alpha-BHC	ND		ug/kg	0.830	0.236	1	A
Beta-BHC	ND		ug/kg	1.99	0.755	1	A
Heptachlor	ND		ug/kg	0.996	0.446	1	A
Aldrin	ND		ug/kg	1.99	0.701	1	A
Heptachlor epoxide	5.58		ug/kg	3.73	1.12	1	B
Endrin	ND		ug/kg	0.830	0.340	1	A
Endrin aldehyde	ND		ug/kg	2.49	0.871	1	A
Endrin ketone	ND		ug/kg	1.99	0.513	1	A
Dieldrin	9.33		ug/kg	1.24	0.622	1	B
4,4'-DDE	15.4		ug/kg	1.99	0.460	1	B
4,4'-DDD	ND		ug/kg	1.99	0.710	1	A
4,4'-DDT	7.39		ug/kg	3.73	1.60	1	A
Endosulfan I	ND		ug/kg	1.99	0.470	1	A
Endosulfan II	ND		ug/kg	1.99	0.666	1	A
Endosulfan sulfate	ND		ug/kg	0.830	0.395	1	A
Methoxychlor	ND		ug/kg	3.73	1.16	1	A
Toxaphene	ND		ug/kg	37.3	10.4	1	A
cis-Chlordane	1.79	JIP	ug/kg	2.49	0.694	1	B
trans-Chlordane	3.80	IP	ug/kg	2.49	0.657	1	B
Chlordane	ND		ug/kg	16.6	6.60	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-08

Date Collected: 05/09/22 10:15

Client ID: SB-8_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-09
 Client ID: SB-9_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 10:35
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 10:17
 Analyst: AR
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.391	1	A
Lindane	ND		ug/kg	0.832	0.372	1	A
Alpha-BHC	ND		ug/kg	0.832	0.236	1	A
Beta-BHC	ND		ug/kg	2.00	0.757	1	A
Heptachlor	ND		ug/kg	0.998	0.448	1	A
Aldrin	ND		ug/kg	2.00	0.703	1	A
Heptachlor epoxide	2.38	J	ug/kg	3.74	1.12	1	B
Endrin	ND		ug/kg	0.832	0.341	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.874	1	A
Endrin ketone	ND		ug/kg	2.00	0.514	1	A
Dieldrin	0.978	J	ug/kg	1.25	0.624	1	B
4,4'-DDE	27.3		ug/kg	2.00	0.462	1	B
4,4'-DDD	ND		ug/kg	2.00	0.712	1	A
4,4'-DDT	13.0		ug/kg	3.74	1.60	1	B
Endosulfan I	ND		ug/kg	2.00	0.472	1	A
Endosulfan II	ND		ug/kg	2.00	0.667	1	A
Endosulfan sulfate	ND		ug/kg	0.832	0.396	1	A
Methoxychlor	ND		ug/kg	3.74	1.16	1	A
Toxaphene	ND		ug/kg	37.4	10.5	1	A
cis-Chlordane	1.77	JIP	ug/kg	2.50	0.696	1	B
trans-Chlordane	2.51	IP	ug/kg	2.50	0.659	1	B
Chlordane	ND		ug/kg	16.6	6.61	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-09

Date Collected: 05/09/22 10:35

Client ID: SB-9_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-10
 Client ID: SB-10_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 10:55
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 10:29
 Analyst: AR
 Percent Solids: 74%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.04	0.399	1	A
Lindane	ND		ug/kg	0.849	0.380	1	A
Alpha-BHC	ND		ug/kg	0.849	0.241	1	A
Beta-BHC	ND		ug/kg	2.04	0.773	1	A
Heptachlor	ND		ug/kg	1.02	0.457	1	A
Aldrin	ND		ug/kg	2.04	0.718	1	A
Heptachlor epoxide	ND		ug/kg	3.82	1.15	1	A
Endrin	ND		ug/kg	0.849	0.348	1	A
Endrin aldehyde	ND		ug/kg	2.55	0.892	1	A
Endrin ketone	ND		ug/kg	2.04	0.525	1	A
Dieldrin	ND		ug/kg	1.27	0.637	1	A
4,4'-DDE	167		ug/kg	2.04	0.471	1	B
4,4'-DDD	ND		ug/kg	2.04	0.727	1	A
4,4'-DDT	19.8		ug/kg	3.82	1.64	1	B
Endosulfan I	ND		ug/kg	2.04	0.482	1	A
Endosulfan II	ND		ug/kg	2.04	0.681	1	A
Endosulfan sulfate	ND		ug/kg	0.849	0.404	1	A
Methoxychlor	ND		ug/kg	3.82	1.19	1	A
Toxaphene	ND		ug/kg	38.2	10.7	1	A
cis-Chlordane	ND	IP	ug/kg	2.55	0.710	1	B
trans-Chlordane	1.65	JIP	ug/kg	2.55	0.672	1	B
Chlordane	ND		ug/kg	17.0	6.75	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-10

Date Collected: 05/09/22 10:55

Client ID: SB-10_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-11
 Client ID: SB-11_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:05
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 10:42
 Analyst: AR
 Percent Solids: 64%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.42	0.474	1	A
Lindane	ND		ug/kg	1.01	0.451	1	A
Alpha-BHC	ND		ug/kg	1.01	0.287	1	A
Beta-BHC	ND		ug/kg	2.42	0.918	1	A
Heptachlor	ND		ug/kg	1.21	0.543	1	A
Aldrin	ND		ug/kg	2.42	0.853	1	A
Heptachlor epoxide	96.6	P	ug/kg	4.54	1.36	1	B
Endrin	ND		ug/kg	1.01	0.414	1	A
Endrin aldehyde	ND		ug/kg	3.03	1.06	1	A
Endrin ketone	ND		ug/kg	2.42	0.624	1	A
Dieldrin	95.5		ug/kg	1.51	0.757	1	B
4,4'-DDE	354	E	ug/kg	2.42	0.560	1	B
4,4'-DDD	21.6		ug/kg	2.42	0.864	1	B
4,4'-DDT	279	E	ug/kg	4.54	1.95	1	B
Endosulfan I	ND		ug/kg	2.42	0.572	1	A
Endosulfan II	ND		ug/kg	2.42	0.809	1	A
Endosulfan sulfate	ND		ug/kg	1.01	0.480	1	A
Methoxychlor	ND		ug/kg	4.54	1.41	1	A
Toxaphene	ND		ug/kg	45.4	12.7	1	A
cis-Chlordane	56.7	IP	ug/kg	3.03	0.844	1	B
trans-Chlordane	54.2		ug/kg	3.03	0.799	1	B
Chlordane	ND		ug/kg	20.2	8.02	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224324-11**Date Collected:** 05/09/22 11:05**Client ID:** SB-11_0-2**Date Received:** 05/09/22**Sample Location:** 850 DOBBS FERRY RD**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-11 D
 Client ID: SB-11_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:05
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 13:54
 Analyst: AR
 Percent Solids: 64%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	362		ug/kg	12.1	2.80	5	B
4,4'-DDT	289		ug/kg	22.7	9.74	5	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-12
 Client ID: SB-12_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:15
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 10:54
 Analyst: AR
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.392	1	A
Lindane	ND		ug/kg	0.835	0.373	1	A
Alpha-BHC	ND		ug/kg	0.835	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.760	1	A
Heptachlor	ND		ug/kg	1.00	0.449	1	A
Aldrin	ND		ug/kg	2.00	0.705	1	A
Heptachlor epoxide	73.3	IP	ug/kg	3.76	1.13	1	A
Endrin	ND		ug/kg	0.835	0.342	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.876	1	A
Endrin ketone	ND		ug/kg	2.00	0.516	1	A
Dieldrin	ND		ug/kg	1.25	0.626	1	A
4,4'-DDE	398	PE	ug/kg	2.00	0.463	1	B
4,4'-DDD	ND		ug/kg	2.00	0.714	1	A
4,4'-DDT	318	PE	ug/kg	3.76	1.61	1	B
Endosulfan I	ND		ug/kg	2.00	0.473	1	A
Endosulfan II	24.6	IP	ug/kg	2.00	0.670	1	A
Endosulfan sulfate	7.09	IP	ug/kg	0.835	0.397	1	A
Methoxychlor	ND		ug/kg	3.76	1.17	1	A
Toxaphene	ND		ug/kg	37.6	10.5	1	A
cis-Chlordane	200	E	ug/kg	2.50	0.698	1	B
trans-Chlordane	212	PE	ug/kg	2.50	0.661	1	B
Chlordane	1320	EP	ug/kg	16.7	6.64	1	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-12

Date Collected: 05/09/22 11:15

Client ID: SB-12_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-12 D
 Client ID: SB-12_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:15
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 13:57
 Analyst: AR
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	330		ug/kg	10.0	2.32	5	B
4,4'-DDT	298		ug/kg	18.8	8.06	5	B
cis-Chlordane	280		ug/kg	12.5	3.49	5	A
trans-Chlordane	193		ug/kg	12.5	3.30	5	A
Chlordane	1560		ug/kg	83.5	33.2	5	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-13
 Client ID: SB-13_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:30
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 11:07
 Analyst: AR
 Percent Solids: 74%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.13	0.416	1	A
Lindane	ND		ug/kg	0.886	0.396	1	A
Alpha-BHC	ND		ug/kg	0.886	0.252	1	A
Beta-BHC	ND		ug/kg	2.13	0.806	1	A
Heptachlor	ND		ug/kg	1.06	0.477	1	A
Aldrin	ND		ug/kg	2.13	0.749	1	A
Heptachlor epoxide	36.5		ug/kg	3.99	1.20	1	B
Endrin	ND		ug/kg	0.886	0.363	1	A
Endrin aldehyde	ND		ug/kg	2.66	0.931	1	A
Endrin ketone	ND		ug/kg	2.13	0.548	1	A
Dieldrin	175		ug/kg	1.33	0.665	1	B
4,4'-DDE	81.7		ug/kg	2.13	0.492	1	A
4,4'-DDD	ND		ug/kg	2.13	0.759	1	A
4,4'-DDT	16.4		ug/kg	3.99	1.71	1	B
Endosulfan I	ND		ug/kg	2.13	0.502	1	A
Endosulfan II	ND		ug/kg	2.13	0.711	1	A
Endosulfan sulfate	ND		ug/kg	0.886	0.422	1	A
Methoxychlor	ND		ug/kg	3.99	1.24	1	A
Toxaphene	ND		ug/kg	39.9	11.2	1	A
cis-Chlordane	33.2	IP	ug/kg	2.66	0.741	1	B
trans-Chlordane	34.3		ug/kg	2.66	0.702	1	A
Chlordane	ND		ug/kg	17.7	7.05	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-13

Date Collected: 05/09/22 11:30

Client ID: SB-13_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-14
 Client ID: SB-14_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:45
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 11:19
 Analyst: AR
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.404	1	A
Lindane	ND		ug/kg	0.860	0.385	1	A
Alpha-BHC	ND		ug/kg	0.860	0.244	1	A
Beta-BHC	ND		ug/kg	2.06	0.783	1	A
Heptachlor	ND		ug/kg	1.03	0.463	1	A
Aldrin	ND		ug/kg	2.06	0.727	1	A
Heptachlor epoxide	4.25		ug/kg	3.87	1.16	1	B
Endrin	ND		ug/kg	0.860	0.353	1	A
Endrin aldehyde	ND		ug/kg	2.58	0.904	1	A
Endrin ketone	ND		ug/kg	2.06	0.532	1	A
Dieldrin	ND		ug/kg	1.29	0.645	1	A
4,4'-DDE	14.4		ug/kg	2.06	0.478	1	B
4,4'-DDD	ND		ug/kg	2.06	0.737	1	A
4,4'-DDT	3.10	JIP	ug/kg	3.87	1.66	1	A
Endosulfan I	ND		ug/kg	2.06	0.488	1	A
Endosulfan II	ND		ug/kg	2.06	0.690	1	A
Endosulfan sulfate	ND		ug/kg	0.860	0.410	1	A
Methoxychlor	ND		ug/kg	3.87	1.20	1	A
Toxaphene	ND		ug/kg	38.7	10.8	1	A
cis-Chlordane	1.48	JIP	ug/kg	2.58	0.719	1	B
trans-Chlordane	4.27	IP	ug/kg	2.58	0.682	1	B
Chlordane	ND		ug/kg	17.2	6.84	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-14

Date Collected: 05/09/22 11:45

Client ID: SB-14_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-15
 Client ID: SB-15_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:55
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 11:32
 Analyst: AR
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.403	1	A
Lindane	ND		ug/kg	0.857	0.383	1	A
Alpha-BHC	ND		ug/kg	0.857	0.243	1	A
Beta-BHC	ND		ug/kg	2.06	0.780	1	A
Heptachlor	ND		ug/kg	1.03	0.461	1	A
Aldrin	ND		ug/kg	2.06	0.724	1	A
Heptachlor epoxide	ND		ug/kg	3.86	1.16	1	B
Endrin	ND		ug/kg	0.857	0.351	1	A
Endrin aldehyde	ND		ug/kg	2.57	0.900	1	A
Endrin ketone	ND		ug/kg	2.06	0.530	1	A
Dieldrin	2.57		ug/kg	1.28	0.643	1	B
4,4'-DDE	3.44		ug/kg	2.06	0.476	1	B
4,4'-DDD	ND		ug/kg	2.06	0.734	1	A
4,4'-DDT	ND		ug/kg	3.86	1.65	1	A
Endosulfan I	ND		ug/kg	2.06	0.486	1	A
Endosulfan II	ND		ug/kg	2.06	0.687	1	A
Endosulfan sulfate	ND		ug/kg	0.857	0.408	1	A
Methoxychlor	ND		ug/kg	3.86	1.20	1	A
Toxaphene	ND		ug/kg	38.6	10.8	1	A
cis-Chlordane	1.73	JIP	ug/kg	2.57	0.717	1	B
trans-Chlordane	3.08	IP	ug/kg	2.57	0.679	1	B
Chlordane	ND		ug/kg	17.1	6.81	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-15

Date Collected: 05/09/22 11:55

Client ID: SB-15_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-16
 Client ID: SB-16_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 12:05
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 11:45
 Analyst: AR
 Percent Solids: 74%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.09	0.409	1	A
Lindane	ND		ug/kg	0.870	0.389	1	A
Alpha-BHC	ND		ug/kg	0.870	0.247	1	A
Beta-BHC	ND		ug/kg	2.09	0.791	1	A
Heptachlor	ND		ug/kg	1.04	0.468	1	A
Aldrin	ND		ug/kg	2.09	0.735	1	A
Heptachlor epoxide	6.60		ug/kg	3.91	1.17	1	B
Endrin	ND		ug/kg	0.870	0.357	1	A
Endrin aldehyde	ND		ug/kg	2.61	0.913	1	A
Endrin ketone	ND		ug/kg	2.09	0.538	1	A
Dieldrin	1.93		ug/kg	1.30	0.652	1	B
4,4'-DDE	2.46		ug/kg	2.09	0.483	1	B
4,4'-DDD	ND		ug/kg	2.09	0.744	1	A
4,4'-DDT	ND		ug/kg	3.91	1.68	1	A
Endosulfan I	ND		ug/kg	2.09	0.493	1	A
Endosulfan II	ND		ug/kg	2.09	0.698	1	A
Endosulfan sulfate	ND		ug/kg	0.870	0.414	1	A
Methoxychlor	ND		ug/kg	3.91	1.22	1	A
Toxaphene	ND		ug/kg	39.1	11.0	1	A
cis-Chlordane	4.01	IP	ug/kg	2.61	0.727	1	B
trans-Chlordane	4.60	IP	ug/kg	2.61	0.689	1	B
Chlordane	ND		ug/kg	17.4	6.91	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-16

Date Collected: 05/09/22 12:05

Client ID: SB-16_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-17
 Client ID: SB-17_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 12:45
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 11:57
 Analyst: AR
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.388	1	A
Lindane	ND		ug/kg	0.824	0.368	1	A
Alpha-BHC	ND		ug/kg	0.824	0.234	1	A
Beta-BHC	ND		ug/kg	1.98	0.750	1	A
Heptachlor	ND		ug/kg	0.990	0.444	1	A
Aldrin	ND		ug/kg	1.98	0.697	1	A
Heptachlor epoxide	20.2		ug/kg	3.71	1.11	1	B
Endrin	ND		ug/kg	0.824	0.338	1	A
Endrin aldehyde	ND		ug/kg	2.47	0.866	1	A
Endrin ketone	ND		ug/kg	1.98	0.510	1	A
Dieldrin	29.7		ug/kg	1.24	0.618	1	B
4,4'-DDE	60.3		ug/kg	1.98	0.458	1	A
4,4'-DDD	ND		ug/kg	1.98	0.706	1	A
4,4'-DDT	11.0		ug/kg	3.71	1.59	1	B
Endosulfan I	ND		ug/kg	1.98	0.468	1	A
Endosulfan II	ND		ug/kg	1.98	0.661	1	A
Endosulfan sulfate	ND		ug/kg	0.824	0.392	1	A
Methoxychlor	ND		ug/kg	3.71	1.15	1	A
Toxaphene	ND		ug/kg	37.1	10.4	1	A
cis-Chlordane	21.4	IP	ug/kg	2.47	0.689	1	B
trans-Chlordane	18.7		ug/kg	2.47	0.653	1	A
Chlordane	ND		ug/kg	16.5	6.56	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-17

Date Collected: 05/09/22 12:45

Client ID: SB-17_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-18
 Client ID: SB-18_0-1
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 12:55
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 12:10
 Analyst: AR
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.801	0.358	1	A
Alpha-BHC	ND		ug/kg	0.801	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.729	1	A
Heptachlor	ND		ug/kg	0.961	0.431	1	A
Aldrin	ND		ug/kg	1.92	0.677	1	A
Heptachlor epoxide	7.34		ug/kg	3.60	1.08	1	B
Endrin	ND		ug/kg	0.801	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.841	1	A
Endrin ketone	ND		ug/kg	1.92	0.495	1	A
Dieldrin	35.7		ug/kg	1.20	0.601	1	B
4,4'-DDE	5.31		ug/kg	1.92	0.444	1	A
4,4'-DDD	ND		ug/kg	1.92	0.686	1	A
4,4'-DDT	2.26	J	ug/kg	3.60	1.55	1	B
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.642	1	A
Endosulfan sulfate	ND		ug/kg	0.801	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	4.22	IP	ug/kg	2.40	0.670	1	B
trans-Chlordane	4.61	IP	ug/kg	2.40	0.634	1	B
Chlordane	ND		ug/kg	16.0	6.37	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-18

Date Collected: 05/09/22 12:55

Client ID: SB-18_0-1

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-19
 Client ID: SB-19_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 13:15
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 12:22
 Analyst: AR
 Percent Solids: 64%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.35	0.460	1	A
Lindane	ND		ug/kg	0.979	0.437	1	A
Alpha-BHC	ND		ug/kg	0.979	0.278	1	A
Beta-BHC	ND		ug/kg	2.35	0.891	1	A
Heptachlor	ND		ug/kg	1.17	0.526	1	A
Aldrin	ND		ug/kg	2.35	0.827	1	A
Heptachlor epoxide	ND		ug/kg	4.40	1.32	1	A
Endrin	ND		ug/kg	0.979	0.401	1	A
Endrin aldehyde	ND		ug/kg	2.94	1.03	1	A
Endrin ketone	ND		ug/kg	2.35	0.605	1	A
Dieldrin	ND		ug/kg	1.47	0.734	1	A
4,4'-DDE	3.58		ug/kg	2.35	0.543	1	B
4,4'-DDD	ND		ug/kg	2.35	0.838	1	A
4,4'-DDT	3.37	J	ug/kg	4.40	1.89	1	B
Endosulfan I	ND		ug/kg	2.35	0.555	1	A
Endosulfan II	ND		ug/kg	2.35	0.785	1	A
Endosulfan sulfate	ND		ug/kg	0.979	0.466	1	A
Methoxychlor	ND		ug/kg	4.40	1.37	1	A
Toxaphene	ND		ug/kg	44.0	12.3	1	A
cis-Chlordane	ND		ug/kg	2.94	0.818	1	A
trans-Chlordane	ND		ug/kg	2.94	0.775	1	A
Chlordane	ND		ug/kg	19.6	7.78	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-19

Date Collected: 05/09/22 13:15

Client ID: SB-19_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-20
 Client ID: SB-20_0-2
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 13:30
 Date Received: 05/09/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/13/22 12:35
 Analyst: AR
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.391	1	A
Lindane	ND		ug/kg	0.833	0.372	1	A
Alpha-BHC	ND		ug/kg	0.833	0.236	1	A
Beta-BHC	ND		ug/kg	2.00	0.758	1	A
Heptachlor	0.566	JIP	ug/kg	0.999	0.448	1	B
Aldrin	ND		ug/kg	2.00	0.704	1	A
Heptachlor epoxide	ND		ug/kg	3.75	1.12	1	A
Endrin	ND		ug/kg	0.833	0.341	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.874	1	A
Endrin ketone	ND		ug/kg	2.00	0.515	1	A
Dieldrin	ND		ug/kg	1.25	0.625	1	A
4,4'-DDE	3.34		ug/kg	2.00	0.462	1	B
4,4'-DDD	ND		ug/kg	2.00	0.713	1	A
4,4'-DDT	2.91	J	ug/kg	3.75	1.61	1	B
Endosulfan I	ND		ug/kg	2.00	0.472	1	A
Endosulfan II	ND		ug/kg	2.00	0.668	1	A
Endosulfan sulfate	ND		ug/kg	0.833	0.396	1	A
Methoxychlor	ND		ug/kg	3.75	1.17	1	A
Toxaphene	ND		ug/kg	37.5	10.5	1	A
cis-Chlordane	6.07	IP	ug/kg	2.50	0.696	1	B
trans-Chlordane	8.10	IP	ug/kg	2.50	0.660	1	B
Chlordane	82.4	P	ug/kg	16.6	6.62	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-20

Date Collected: 05/09/22 13:30

Client ID: SB-20_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224324
Report Date: 05/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/13/22 07:35
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-20 Batch: WG1637782-1						
Delta-BHC	ND		ug/kg	1.59	0.312	A
Lindane	ND		ug/kg	0.664	0.297	A
Alpha-BHC	ND		ug/kg	0.664	0.189	A
Beta-BHC	ND		ug/kg	1.59	0.605	A
Heptachlor	ND		ug/kg	0.797	0.357	A
Aldrin	ND		ug/kg	1.59	0.561	A
Heptachlor epoxide	ND		ug/kg	2.99	0.897	A
Endrin	ND		ug/kg	0.664	0.272	A
Endrin aldehyde	ND		ug/kg	1.99	0.698	A
Endrin ketone	ND		ug/kg	1.59	0.411	A
Dieldrin	ND		ug/kg	0.997	0.498	A
4,4'-DDE	ND		ug/kg	1.59	0.369	A
4,4'-DDD	ND		ug/kg	1.59	0.569	A
4,4'-DDT	ND		ug/kg	2.99	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.377	A
Endosulfan II	ND		ug/kg	1.59	0.533	A
Endosulfan sulfate	ND		ug/kg	0.664	0.316	A
Methoxychlor	ND		ug/kg	2.99	0.930	A
Toxaphene	ND		ug/kg	29.9	8.37	A
cis-Chlordane	ND		ug/kg	1.99	0.555	A
trans-Chlordane	ND		ug/kg	1.99	0.526	A
Chlordane	ND		ug/kg	13.3	5.28	A

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224324
Report Date: 05/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/13/22 07:35
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 05/12/22 13:24
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-20 Batch: WG1637782-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	88		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-20 Batch: WG1637782-2 WG1637782-3									
Delta-BHC	76		76		30-150	0		30	A
Lindane	76		78		30-150	3		30	A
Alpha-BHC	72		75		30-150	4		30	A
Beta-BHC	69		74		30-150	7		30	A
Heptachlor	80		78		30-150	3		30	A
Aldrin	74		78		30-150	5		30	A
Heptachlor epoxide	58		61		30-150	5		30	A
Endrin	79		83		30-150	5		30	A
Endrin aldehyde	65		69		30-150	6		30	A
Endrin ketone	79		83		30-150	5		30	A
Dieldrin	84		85		30-150	1		30	A
4,4'-DDE	73		75		30-150	3		30	A
4,4'-DDD	84		88		30-150	5		30	A
4,4'-DDT	77		80		30-150	4		30	A
Endosulfan I	73		73		30-150	0		30	A
Endosulfan II	76		82		30-150	8		30	A
Endosulfan sulfate	68		70		30-150	3		30	A
Methoxychlor	84		86		30-150	2		30	A
cis-Chlordane	66		67		30-150	2		30	A
trans-Chlordane	82		85		30-150	4		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: ELMWOOD GOLF COURSE

Lab Number: L2224324

Project Number: 3858.0002Y000

Report Date: 05/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-20 Batch: WG1637782-2 WG1637782-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		70		30-150	A
Decachlorobiphenyl	67		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	B
Decachlorobiphenyl	78		78		30-150	B

METALS

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-01

Date Collected: 05/09/22 08:15

Client ID: SB-1_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	29		mg/kg	0.60	0.08	10	05/13/22 15:44	05/16/22 11:48	EPA 3050B	1,6020B	SV
Lead, Total	49		mg/kg	0.72	0.17	10	05/13/22 15:44	05/16/22 11:48	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-02

Date Collected: 05/09/22 08:25

Client ID: SB-2_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	28		mg/kg	0.77	0.10	10	05/13/22 15:44	05/16/22 11:07	EPA 3050B	1,6020B	SV
Lead, Total	26		mg/kg	0.92	0.22	10	05/13/22 15:44	05/16/22 11:07	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-03

Date Collected: 05/09/22 08:35

Client ID: SB-3_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	17		mg/kg	0.56	0.07	10	05/13/22 15:44	05/16/22 11:53	EPA 3050B	1,6020B	SV
Lead, Total	29		mg/kg	0.67	0.16	10	05/13/22 15:44	05/16/22 11:53	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-04

Date Collected: 05/09/22 08:55

Client ID: SB-4_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	34		mg/kg	0.61	0.08	10	05/13/22 15:44	05/16/22 11:58	EPA 3050B	1,6020B	SV
Lead, Total	78		mg/kg	0.73	0.18	10	05/13/22 15:44	05/16/22 11:58	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-05

Date Collected: 05/09/22 09:15

Client ID: SB-5_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.2		mg/kg	0.52	0.07	10	05/13/22 15:44	05/16/22 12:02	EPA 3050B	1,6020B	SV
Lead, Total	12		mg/kg	0.63	0.15	10	05/13/22 15:44	05/16/22 12:02	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-06

Date Collected: 05/09/22 09:25

Client ID: SB-6_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.4		mg/kg	0.55	0.07	10	05/13/22 15:44	05/16/22 12:07	EPA 3050B	1,6020B	SV
Lead, Total	5.6		mg/kg	0.66	0.16	10	05/13/22 15:44	05/16/22 12:07	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-07

Date Collected: 05/09/22 09:45

Client ID: SB-7_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	11		mg/kg	0.59	0.08	10	05/13/22 15:44	05/16/22 12:12	EPA 3050B	1,6020B	SV
Lead, Total	42		mg/kg	0.71	0.17	10	05/13/22 15:44	05/16/22 12:12	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-08

Date Collected: 05/09/22 10:15

Client ID: SB-8_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.1		mg/kg	0.62	0.08	10	05/13/22 15:44	05/16/22 12:39	EPA 3050B	1,6020B	SV
Lead, Total	12		mg/kg	0.75	0.18	10	05/13/22 15:44	05/16/22 12:39	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-09

Date Collected: 05/09/22 10:35

Client ID: SB-9_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	31		mg/kg	0.64	0.08	10	05/13/22 15:44	05/16/22 12:44	EPA 3050B	1,6020B	SV
Lead, Total	67		mg/kg	0.76	0.19	10	05/13/22 15:44	05/16/22 12:44	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-10

Date Collected: 05/09/22 10:55

Client ID: SB-10_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.7		mg/kg	0.67	0.09	10	05/13/22 15:44	05/16/22 12:49	EPA 3050B	1,6020B	SV
Lead, Total	17		mg/kg	0.80	0.19	10	05/13/22 15:44	05/16/22 12:49	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-11

Date Collected: 05/09/22 11:05

Client ID: SB-11_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 64%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	100		mg/kg	0.74	0.10	10	05/13/22 15:44	05/16/22 12:54	EPA 3050B	1,6020B	SV
Lead, Total	95		mg/kg	0.89	0.22	10	05/13/22 15:44	05/16/22 12:54	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-12

Date Collected: 05/09/22 11:15

Client ID: SB-12_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	51		mg/kg	0.61	0.08	10	05/13/22 15:44	05/16/22 12:59	EPA 3050B	1,6020B	SV
Lead, Total	130		mg/kg	0.73	0.18	10	05/13/22 15:44	05/16/22 12:59	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-13

Date Collected: 05/09/22 11:30

Client ID: SB-13_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	58		mg/kg	0.66	0.09	10	05/13/22 15:44	05/16/22 13:03	EPA 3050B	1,6020B	SV
Lead, Total	43		mg/kg	0.79	0.19	10	05/13/22 15:44	05/16/22 13:03	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-14

Date Collected: 05/09/22 11:45

Client ID: SB-14_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	15		mg/kg	0.66	0.09	10	05/13/22 15:44	05/16/22 13:08	EPA 3050B	1,6020B	SV
Lead, Total	54		mg/kg	0.79	0.19	10	05/13/22 15:44	05/16/22 13:08	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-15

Date Collected: 05/09/22 11:55

Client ID: SB-15_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.3		mg/kg	0.63	0.08	10	05/13/22 15:44	05/16/22 13:13	EPA 3050B	1,6020B	SV
Lead, Total	7.9		mg/kg	0.76	0.18	10	05/13/22 15:44	05/16/22 13:13	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-16

Date Collected: 05/09/22 12:05

Client ID: SB-16_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.2		mg/kg	0.66	0.09	10	05/13/22 15:44	05/16/22 13:18	EPA 3050B	1,6020B	SV
Lead, Total	18		mg/kg	0.79	0.19	10	05/13/22 15:44	05/16/22 13:18	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-17

Date Collected: 05/09/22 12:45

Client ID: SB-17_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	57		mg/kg	0.59	0.08	10	05/13/22 15:44	05/16/22 13:23	EPA 3050B	1,6020B	SV
Lead, Total	150		mg/kg	0.71	0.17	10	05/13/22 15:44	05/16/22 13:23	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-18

Date Collected: 05/09/22 12:55

Client ID: SB-18_0-1

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	50		mg/kg	0.60	0.08	10	05/13/22 15:44	05/16/22 13:58	EPA 3050B	1,6020B	SV
Lead, Total	46		mg/kg	0.72	0.18	10	05/13/22 15:44	05/16/22 13:58	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-19

Date Collected: 05/09/22 13:15

Client ID: SB-19_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 64%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12		mg/kg	0.78	0.10	10	05/13/22 15:44	05/16/22 14:02	EPA 3050B	1,6020B	SV
Lead, Total	110		mg/kg	0.93	0.23	10	05/13/22 15:44	05/16/22 14:02	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224324**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224324-20

Date Collected: 05/09/22 13:30

Client ID: SB-20_0-2

Date Received: 05/09/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	38		mg/kg	0.61	0.08	10	05/13/22 15:44	05/16/22 14:07	EPA 3050B	1,6020B	SV
Lead, Total	120		mg/kg	0.73	0.18	10	05/13/22 15:44	05/16/22 14:07	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE

Lab Number: L2224324

Project Number: 3858.0002Y000

Report Date: 05/17/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1637867-1										
Arsenic, Total	ND		mg/kg	0.50	0.07	10	05/13/22 15:44	05/16/22 10:29	1,6020B	SV
Lead, Total	ND		mg/kg	0.60	0.15	10	05/13/22 15:44	05/16/22 10:29	1,6020B	SV

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis Batch Quality Control

Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1637867-2 SRM Lot Number: D113-540								
Arsenic, Total	95		-		70-130	-		20
Lead, Total	98		-		72-128	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD GOLF COURSE

Lab Number: L2224324

Project Number: 3858.0002Y000

Report Date: 05/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1637867-3 QC Sample: L2224324-01 Client ID: SB-1_0-2												
Arsenic, Total	29	4.91	54	509	Q	-	-		75-125	-		20
Lead, Total	49	4.91	130	1650	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1637867-4 QC Sample: L2224324-01 Client ID: SB-1_0-2						
Arsenic, Total	29	31	mg/kg	7		20
Lead, Total	49	60	mg/kg	20		20

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

**Lab Serial Dilution
Analysis**
Batch Quality Control

Lab Number: L2224324
Report Date: 05/17/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1637867-6 QC Sample: L2224324-01 Client ID: SB-1_0-2						
Arsenic, Total	29	31	mg/kg	7		20
Lead, Total	49	50	mg/kg	2		20

INORGANICS & MISCELLANEOUS

Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-01

Client ID: SB-1_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 08:15

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-02

Client ID: SB-2_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 08:25

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.0		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224324**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224324-03**Client ID:** SB-3_0-2**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/09/22 08:35**Date Received:** 05/09/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224324**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224324-04**Client ID:** SB-4_0-2**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/09/22 08:55**Date Received:** 05/09/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-05

Client ID: SB-5_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 09:15

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-06

Client ID: SB-6_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 09:25

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-07

Client ID: SB-7_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 09:45

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-08

Client ID: SB-8_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 10:15

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.2		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-09

Client ID: SB-9_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 10:35

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.4		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224324**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224324-10**Client ID:** SB-10_0-2**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/09/22 10:55**Date Received:** 05/09/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.2		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224324**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224324-11**Client ID:** SB-11_0-2**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/09/22 11:05**Date Received:** 05/09/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.6		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-12

Client ID: SB-12_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:15

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-13

Client ID: SB-13_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:30

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.5		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-14

Client ID: SB-14_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 11:45

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.0		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224324**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224324-15**Client ID:** SB-15_0-2**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/09/22 11:55**Date Received:** 05/09/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.9		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224324**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224324-16**Client ID:** SB-16_0-2**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/09/22 12:05**Date Received:** 05/09/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.7		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-17

Client ID: SB-17_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 12:45

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.1		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-18

Client ID: SB-18_0-1

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 12:55

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-19

Client ID: SB-19_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 13:15

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.9		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224324

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224324-20

Client ID: SB-20_0-2

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/09/22 13:30

Date Received: 05/09/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.2		%	0.100	NA	1	-	05/12/22 11:08	121,2540G	RI



Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224324
Report Date: 05/17/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1637512-1 QC Sample: L2224324-01 Client ID: SB-1_0-2						
Solids, Total	79.3	79.9	%	1		20

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Serial_No:05172212:23
Lab Number: L2224324
Report Date: 05/17/22

Sample Receipt and Container Information

Were project specific reporting limits specified? NO

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2224324-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-01B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-02B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-03B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-04B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-05B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-06B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-07B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-08B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-09B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-10B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-11B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Serial_No:05172212:23
Lab Number: L2224324
Report Date: 05/17/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2224324-12B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-13B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-14A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-14B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-15A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-15B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-16A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-16B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-17A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-17B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-18A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-18B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-19A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-19B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)
L2224324-20A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224324-20B	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NYTCL-8081(14)

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224324
Report Date: 05/17/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224324
Report Date: 05/17/22

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: ELMWOOD GOLF COURSE
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Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224324
Report Date: 05/17/22

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>5/9/22</u>		ALPHA Job # <u>L2224324</u>							
		Project Information Project Name: <u>Elmwood Golf Course</u> Project Location: <u>850 Dobbs Ferry Rd</u> Project # <u>3858 00024000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #									
Client Information Client: <u>Roux</u> Address: <u>209 Shafter St</u> <u>Islandia, NY, 11749</u> Phone: <u>631-232-2600</u> Fax: Email: <u>Ebutler@rouxinc.com</u>		Project Manager: <u>Emily Butler</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:									
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:						ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)							
Please specify Metals or TAL.						Sample Specific Comments		Total Bottles							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials										
		Date	Time												
<u>14324-01</u>	<u>SB-1-0-2</u>	<u>5/9</u>	<u>0815</u>	<u>SOIL</u>	<u>ST</u>	<u>X</u>	<u>X</u>	<u>X</u>							
<u>-02</u>	<u>SB-2-0-2</u>		<u>0825</u>			<u>X</u>	<u>X</u>	<u>X</u>						<u>2</u>	
<u>-03</u>	<u>SB-3-0-2</u>		<u>0835</u>			<u>X</u>	<u>X</u>	<u>X</u>						<u>2</u>	
<u>-04</u>	<u>SB-4-0-2</u>		<u>0855</u>			<u>X</u>	<u>X</u>	<u>X</u>						<u>2</u>	
<u>-05</u>	<u>SB-5-0-2</u>		<u>0915</u>			<u>X</u>	<u>X</u>	<u>X</u>						<u>2</u>	
<u>-06</u>	<u>SB-6-0-2</u>		<u>0925</u>			<u>X</u>	<u>X</u>	<u>X</u>						<u>2</u>	
<u>-07</u>	<u>SB-7-0-2</u>		<u>0945</u>			<u>X</u>	<u>X</u>	<u>X</u>						<u>2</u>	
<u>-08</u>	<u>SB-8-0-2</u>		<u>1015</u>			<u>X</u>	<u>X</u>	<u>X</u>						<u>2</u>	
<u>-09</u>	<u>SB-9-0-2</u>		<u>1035</u>			<u>X</u>	<u>X</u>	<u>X</u>						<u>2</u>	
<u>-10</u>	<u>SB-10-0-2</u>		<u>1055</u>			<u>X</u>	<u>X</u>	<u>X</u>						<u>2</u>	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A A A A A A				Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
Relinquished By: <u>[Signature]</u>		Date/Time: <u>5/9/22 1420</u>		Received By: <u>[Signature]</u>		Date/Time: <u>5/9/22 1420</u>									
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NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>2</u> of <u>2</u>		Date Rec'd in Lab <u>5/9/22</u>		ALPHA Job # <u>L2224324</u>																																																																																																																																																																																
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ALPHA Lab ID (Lab Use Only)	Sample ID					Collection				Sample Matrix	Sampler's Initials	ANALYSIS								Total Lead - EPA 6020B	Total Arsenic - EPA 8210B	Total PCBs - EPA 8210B	Total Metals	Sample Filtration	Sample Specific Comments	Total Bottles																																																																																																																																																														
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-16	SB-16-0-2		1205			X	X	X							2																																																																																																																																																																									
-17	SB-17-0-2		1245			X	X	X							2																																																																																																																																																																									
-18	SB-18-0-2		1255			X	X	X							2																																																																																																																																																																									
-19	SB-19-0-2		1315			X	X	X							2																																																																																																																																																																									
-20	SB-20-0-2		1330			X	X	X							2																																																																																																																																																																									
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A A A Preservative A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																																																																																																																																																
Relinquished By: <u>[Signature]</u> Date/Time: <u>5/9/22 14:20</u>		Received By: <u>[Signature]</u> Date/Time: <u>5/9/22 14:20</u>		Relinquished By: <u>[Signature]</u> Date/Time: <u>5/9/22 17:30</u>		Received By: <u>[Signature]</u> Date/Time: <u>5/9/22 19:30</u>		Relinquished By: <u>[Signature]</u> Date/Time: <u>5/9/22 21:00</u>		Received By: <u>[Signature]</u> Date/Time: <u>5/9/22 23:20</u>																																																																																																																																																																														



ANALYTICAL REPORT

Lab Number:	L2224632
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Emily Butler
Phone:	(631) 630-2432
Project Name:	ELMWOOD GOLF COURSE
Project Number:	3858.0002Y000
Report Date:	05/17/22

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224632
Report Date: 05/17/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2224632-01	DSB-1_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 08:35	05/10/22
L2224632-02	DSB-1_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 08:40	05/10/22
L2224632-03	DSB-2_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 09:15	05/10/22
L2224632-04	DSB-2_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 09:20	05/10/22
L2224632-05	DSB-3_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 09:45	05/10/22
L2224632-06	DSB-3_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 09:50	05/10/22
L2224632-07	DSB-4_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 10:15	05/10/22
L2224632-08	DSB-4_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 10:20	05/10/22
L2224632-09	DSB-5_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 10:35	05/10/22
L2224632-10	DSB-5_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 10:40	05/10/22
L2224632-11	DSB-6_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 12:20	05/10/22
L2224632-12	DSB-6_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 12:25	05/10/22
L2224632-13	DSB-7_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 12:50	05/10/22
L2224632-14	DSB-7_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 12:55	05/10/22
L2224632-15	DSB-8_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 13:15	05/10/22
L2224632-16	DSB-8_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 13:20	05/10/22
L2224632-17	DSB-9_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 13:40	05/10/22
L2224632-18	DSB-9_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 13:45	05/10/22
L2224632-19	DSB-10_2-4	SOIL	850 DOBBS FERRY RD	05/10/22 14:10	05/10/22
L2224632-20	DSB-10_4-6	SOIL	850 DOBBS FERRY RD	05/10/22 14:15	05/10/22

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224632
Report Date: 05/17/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224632
Report Date: 05/17/22

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 05/17/22

ORGANICS

PESTICIDES

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-01
 Client ID: DSB-1_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 08:35
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 13:33
 Analyst: EJL
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.783	0.350	1	A
Alpha-BHC	ND		ug/kg	0.783	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.712	1	A
Heptachlor	ND		ug/kg	0.940	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.662	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.783	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.822	1	A
Endrin ketone	ND		ug/kg	1.88	0.484	1	A
Dieldrin	ND		ug/kg	1.17	0.587	1	A
4,4'-DDE	0.464	J	ug/kg	1.88	0.434	1	B
4,4'-DDD	ND		ug/kg	1.88	0.670	1	A
4,4'-DDT	ND		ug/kg	3.52	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	ND		ug/kg	1.88	0.628	1	A
Endosulfan sulfate	ND		ug/kg	0.783	0.373	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.86	1	A
cis-Chlordane	ND		ug/kg	2.35	0.654	1	A
trans-Chlordane	ND		ug/kg	2.35	0.620	1	A
Chlordane	ND		ug/kg	15.6	6.22	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-01

Date Collected: 05/10/22 08:35

Client ID: DSB-1_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-02
 Client ID: DSB-1_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 08:40
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 13:46
 Analyst: EJL
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.07	0.406	1	A
Lindane	ND		ug/kg	0.863	0.386	1	A
Alpha-BHC	ND		ug/kg	0.863	0.245	1	A
Beta-BHC	ND		ug/kg	2.07	0.785	1	A
Heptachlor	ND		ug/kg	1.04	0.464	1	A
Aldrin	ND		ug/kg	2.07	0.729	1	A
Heptachlor epoxide	ND		ug/kg	3.88	1.16	1	A
Endrin	ND		ug/kg	0.863	0.354	1	A
Endrin aldehyde	ND		ug/kg	2.59	0.906	1	A
Endrin ketone	ND		ug/kg	2.07	0.533	1	A
Dieldrin	ND		ug/kg	1.29	0.647	1	A
4,4'-DDE	ND		ug/kg	2.07	0.479	1	A
4,4'-DDD	ND		ug/kg	2.07	0.739	1	A
4,4'-DDT	ND		ug/kg	3.88	1.66	1	A
Endosulfan I	ND		ug/kg	2.07	0.489	1	A
Endosulfan II	ND		ug/kg	2.07	0.692	1	A
Endosulfan sulfate	ND		ug/kg	0.863	0.411	1	A
Methoxychlor	ND		ug/kg	3.88	1.21	1	A
Toxaphene	ND		ug/kg	38.8	10.9	1	A
cis-Chlordane	ND		ug/kg	2.59	0.721	1	A
trans-Chlordane	ND		ug/kg	2.59	0.683	1	A
Chlordane	ND		ug/kg	17.2	6.86	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-02

Date Collected: 05/10/22 08:40

Client ID: DSB-1_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-03
 Client ID: DSB-2_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 09:15
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 13:58
 Analyst: EJL
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.16	0.424	1	A
Lindane	ND		ug/kg	0.901	0.403	1	A
Alpha-BHC	ND		ug/kg	0.901	0.256	1	A
Beta-BHC	ND		ug/kg	2.16	0.820	1	A
Heptachlor	ND		ug/kg	1.08	0.485	1	A
Aldrin	ND		ug/kg	2.16	0.761	1	A
Heptachlor epoxide	1.35	J	ug/kg	4.06	1.22	1	B
Endrin	ND		ug/kg	0.901	0.369	1	A
Endrin aldehyde	ND		ug/kg	2.70	0.946	1	A
Endrin ketone	ND		ug/kg	2.16	0.557	1	A
Dieldrin	6.49		ug/kg	1.35	0.676	1	B
4,4'-DDE	82.7		ug/kg	2.16	0.500	1	A
4,4'-DDD	ND		ug/kg	2.16	0.771	1	B
4,4'-DDT	13.8		ug/kg	4.06	1.74	1	B
Endosulfan I	ND		ug/kg	2.16	0.511	1	A
Endosulfan II	ND		ug/kg	2.16	0.723	1	A
Endosulfan sulfate	ND		ug/kg	0.901	0.429	1	A
Methoxychlor	ND		ug/kg	4.06	1.26	1	A
Toxaphene	ND		ug/kg	40.6	11.4	1	A
cis-Chlordane	1.09	JIP	ug/kg	2.70	0.753	1	B
trans-Chlordane	0.952	JIP	ug/kg	2.70	0.714	1	B
Chlordane	ND		ug/kg	18.0	7.16	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-03

Date Collected: 05/10/22 09:15

Client ID: DSB-2_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-04
 Client ID: DSB-2_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 09:20
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 14:11
 Analyst: EJL
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.371	1	A
Lindane	ND		ug/kg	0.788	0.352	1	A
Alpha-BHC	ND		ug/kg	0.788	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.718	1	A
Heptachlor	ND		ug/kg	0.946	0.424	1	A
Aldrin	ND		ug/kg	1.89	0.666	1	A
Heptachlor epoxide	ND		ug/kg	3.55	1.06	1	A
Endrin	ND		ug/kg	0.788	0.323	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.828	1	A
Endrin ketone	ND		ug/kg	1.89	0.487	1	A
Dieldrin	ND		ug/kg	1.18	0.591	1	B
4,4'-DDE	4.47		ug/kg	1.89	0.438	1	B
4,4'-DDD	ND		ug/kg	1.89	0.675	1	A
4,4'-DDT	ND		ug/kg	3.55	1.52	1	B
Endosulfan I	ND		ug/kg	1.89	0.447	1	A
Endosulfan II	ND		ug/kg	1.89	0.632	1	A
Endosulfan sulfate	ND		ug/kg	0.788	0.375	1	A
Methoxychlor	ND		ug/kg	3.55	1.10	1	A
Toxaphene	ND		ug/kg	35.5	9.94	1	A
cis-Chlordane	ND		ug/kg	2.36	0.659	1	A
trans-Chlordane	ND		ug/kg	2.36	0.624	1	A
Chlordane	ND		ug/kg	15.8	6.27	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-04

Date Collected: 05/10/22 09:20

Client ID: DSB-2_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-05
 Client ID: DSB-3_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 09:45
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 14:23
 Analyst: EJL
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.771	0.344	1	A
Alpha-BHC	ND		ug/kg	0.771	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.925	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.771	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	B
4,4'-DDE	ND		ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	ND		ug/kg	3.47	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.771	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.4	6.13	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-05

Date Collected: 05/10/22 09:45

Client ID: DSB-3_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-06
 Client ID: DSB-3_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 09:50
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 14:36
 Analyst: EJL
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.792	0.354	1	A
Alpha-BHC	ND		ug/kg	0.792	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.721	1	A
Heptachlor	ND		ug/kg	0.950	0.426	1	A
Aldrin	ND		ug/kg	1.90	0.669	1	A
Heptachlor epoxide	ND		ug/kg	3.56	1.07	1	A
Endrin	ND		ug/kg	0.792	0.325	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.832	1	A
Endrin ketone	ND		ug/kg	1.90	0.490	1	A
Dieldrin	ND		ug/kg	1.19	0.594	1	A
4,4'-DDE	ND		ug/kg	1.90	0.440	1	A
4,4'-DDD	ND		ug/kg	1.90	0.678	1	A
4,4'-DDT	ND		ug/kg	3.56	1.53	1	A
Endosulfan I	ND		ug/kg	1.90	0.449	1	A
Endosulfan II	ND		ug/kg	1.90	0.635	1	A
Endosulfan sulfate	ND		ug/kg	0.792	0.377	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.98	1	A
cis-Chlordane	ND		ug/kg	2.38	0.662	1	A
trans-Chlordane	ND		ug/kg	2.38	0.627	1	A
Chlordane	ND		ug/kg	15.8	6.30	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-06

Date Collected: 05/10/22 09:50

Client ID: DSB-3_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-07
 Client ID: DSB-4_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 10:15
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 14:49
 Analyst: EJL
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.99	0.390	1	A
Lindane	ND		ug/kg	0.830	0.371	1	A
Alpha-BHC	ND		ug/kg	0.830	0.236	1	A
Beta-BHC	ND		ug/kg	1.99	0.755	1	A
Heptachlor	ND		ug/kg	0.995	0.446	1	A
Aldrin	ND		ug/kg	1.99	0.701	1	A
Heptachlor epoxide	ND		ug/kg	3.73	1.12	1	A
Endrin	ND		ug/kg	0.830	0.340	1	A
Endrin aldehyde	ND		ug/kg	2.49	0.871	1	A
Endrin ketone	ND		ug/kg	1.99	0.513	1	A
Dieldrin	ND		ug/kg	1.24	0.622	1	A
4,4'-DDE	ND		ug/kg	1.99	0.460	1	B
4,4'-DDD	ND		ug/kg	1.99	0.710	1	A
4,4'-DDT	ND		ug/kg	3.73	1.60	1	A
Endosulfan I	ND		ug/kg	1.99	0.470	1	A
Endosulfan II	ND		ug/kg	1.99	0.665	1	A
Endosulfan sulfate	ND		ug/kg	0.830	0.395	1	A
Methoxychlor	ND		ug/kg	3.73	1.16	1	A
Toxaphene	ND		ug/kg	37.3	10.4	1	A
cis-Chlordane	ND		ug/kg	2.49	0.693	1	A
trans-Chlordane	ND		ug/kg	2.49	0.657	1	A
Chlordane	ND		ug/kg	16.6	6.59	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-07

Date Collected: 05/10/22 10:15

Client ID: DSB-4_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-08
 Client ID: DSB-4_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 10:20
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 15:01
 Analyst: EJL
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.385	1	A
Lindane	ND		ug/kg	0.819	0.366	1	A
Alpha-BHC	ND		ug/kg	0.819	0.233	1	A
Beta-BHC	ND		ug/kg	1.97	0.745	1	A
Heptachlor	ND		ug/kg	0.983	0.441	1	A
Aldrin	ND		ug/kg	1.97	0.692	1	A
Heptachlor epoxide	ND		ug/kg	3.69	1.10	1	A
Endrin	ND		ug/kg	0.819	0.336	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.860	1	A
Endrin ketone	ND		ug/kg	1.97	0.506	1	A
Dieldrin	ND		ug/kg	1.23	0.614	1	A
4,4'-DDE	ND		ug/kg	1.97	0.455	1	A
4,4'-DDD	ND		ug/kg	1.97	0.701	1	A
4,4'-DDT	ND		ug/kg	3.69	1.58	1	A
Endosulfan I	ND		ug/kg	1.97	0.464	1	A
Endosulfan II	ND		ug/kg	1.97	0.657	1	A
Endosulfan sulfate	ND		ug/kg	0.819	0.390	1	A
Methoxychlor	ND		ug/kg	3.69	1.15	1	A
Toxaphene	ND		ug/kg	36.9	10.3	1	A
cis-Chlordane	ND		ug/kg	2.46	0.685	1	A
trans-Chlordane	ND		ug/kg	2.46	0.649	1	A
Chlordane	ND		ug/kg	16.4	6.51	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-08**Date Collected:** 05/10/22 10:20**Client ID:** DSB-4_4-6**Date Received:** 05/10/22**Sample Location:** 850 DOBBS FERRY RD**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-09
 Client ID: DSB-5_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 10:35
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 15:14
 Analyst: EJL
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.24	0.438	1	A
Lindane	ND		ug/kg	0.933	0.417	1	A
Alpha-BHC	ND		ug/kg	0.933	0.265	1	A
Beta-BHC	ND		ug/kg	2.24	0.849	1	A
Heptachlor	ND		ug/kg	1.12	0.502	1	A
Aldrin	ND		ug/kg	2.24	0.788	1	A
Heptachlor epoxide	ND		ug/kg	4.20	1.26	1	A
Endrin	ND		ug/kg	0.933	0.382	1	A
Endrin aldehyde	ND		ug/kg	2.80	0.980	1	A
Endrin ketone	ND		ug/kg	2.24	0.576	1	A
Dieldrin	ND		ug/kg	1.40	0.700	1	A
4,4'-DDE	ND		ug/kg	2.24	0.518	1	A
4,4'-DDD	ND		ug/kg	2.24	0.799	1	A
4,4'-DDT	ND		ug/kg	4.20	1.80	1	A
Endosulfan I	ND		ug/kg	2.24	0.529	1	A
Endosulfan II	ND		ug/kg	2.24	0.748	1	A
Endosulfan sulfate	ND		ug/kg	0.933	0.444	1	A
Methoxychlor	ND		ug/kg	4.20	1.31	1	A
Toxaphene	ND		ug/kg	42.0	11.8	1	A
cis-Chlordane	ND		ug/kg	2.80	0.780	1	A
trans-Chlordane	ND		ug/kg	2.80	0.739	1	A
Chlordane	ND		ug/kg	18.6	7.42	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-09

Date Collected: 05/10/22 10:35

Client ID: DSB-5_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-10
 Client ID: DSB-5_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 10:40
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 15:26
 Analyst: EJL
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.395	1	A
Lindane	ND		ug/kg	0.840	0.376	1	A
Alpha-BHC	ND		ug/kg	0.840	0.238	1	A
Beta-BHC	ND		ug/kg	2.02	0.764	1	A
Heptachlor	ND		ug/kg	1.01	0.452	1	A
Aldrin	ND		ug/kg	2.02	0.710	1	A
Heptachlor epoxide	ND		ug/kg	3.78	1.13	1	A
Endrin	ND		ug/kg	0.840	0.344	1	A
Endrin aldehyde	ND		ug/kg	2.52	0.882	1	A
Endrin ketone	ND		ug/kg	2.02	0.519	1	A
Dieldrin	ND		ug/kg	1.26	0.630	1	A
4,4'-DDE	ND		ug/kg	2.02	0.466	1	A
4,4'-DDD	ND		ug/kg	2.02	0.719	1	A
4,4'-DDT	ND		ug/kg	3.78	1.62	1	A
Endosulfan I	ND		ug/kg	2.02	0.476	1	A
Endosulfan II	ND		ug/kg	2.02	0.674	1	A
Endosulfan sulfate	ND		ug/kg	0.840	0.400	1	A
Methoxychlor	ND		ug/kg	3.78	1.18	1	A
Toxaphene	ND		ug/kg	37.8	10.6	1	A
cis-Chlordane	ND		ug/kg	2.52	0.702	1	A
trans-Chlordane	ND		ug/kg	2.52	0.665	1	A
Chlordane	ND		ug/kg	16.8	6.68	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-10

Date Collected: 05/10/22 10:40

Client ID: DSB-5_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-11
 Client ID: DSB-6_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 12:20
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 15:39
 Analyst: EJL
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.07	0.406	1	A
Lindane	ND		ug/kg	0.864	0.386	1	A
Alpha-BHC	ND		ug/kg	0.864	0.245	1	A
Beta-BHC	ND		ug/kg	2.07	0.786	1	A
Heptachlor	ND		ug/kg	1.04	0.465	1	A
Aldrin	ND		ug/kg	2.07	0.730	1	A
Heptachlor epoxide	ND		ug/kg	3.89	1.17	1	A
Endrin	ND		ug/kg	0.864	0.354	1	A
Endrin aldehyde	ND		ug/kg	2.59	0.907	1	A
Endrin ketone	ND		ug/kg	2.07	0.534	1	A
Dieldrin	ND		ug/kg	1.30	0.648	1	A
4,4'-DDE	ND		ug/kg	2.07	0.480	1	A
4,4'-DDD	ND		ug/kg	2.07	0.740	1	A
4,4'-DDT	ND		ug/kg	3.89	1.67	1	A
Endosulfan I	ND		ug/kg	2.07	0.490	1	A
Endosulfan II	ND		ug/kg	2.07	0.693	1	A
Endosulfan sulfate	ND		ug/kg	0.864	0.411	1	A
Methoxychlor	ND		ug/kg	3.89	1.21	1	A
Toxaphene	ND		ug/kg	38.9	10.9	1	A
cis-Chlordane	ND		ug/kg	2.59	0.722	1	A
trans-Chlordane	ND		ug/kg	2.59	0.684	1	A
Chlordane	ND		ug/kg	17.3	6.87	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-11

Date Collected: 05/10/22 12:20

Client ID: DSB-6_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-12
 Client ID: DSB-6_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 12:25
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 15:51
 Analyst: EJL
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.05	0.402	1	A
Lindane	ND		ug/kg	0.854	0.382	1	A
Alpha-BHC	ND		ug/kg	0.854	0.243	1	A
Beta-BHC	ND		ug/kg	2.05	0.777	1	A
Heptachlor	ND		ug/kg	1.02	0.460	1	A
Aldrin	ND		ug/kg	2.05	0.722	1	A
Heptachlor epoxide	ND		ug/kg	3.84	1.15	1	A
Endrin	ND		ug/kg	0.854	0.350	1	A
Endrin aldehyde	ND		ug/kg	2.56	0.897	1	A
Endrin ketone	ND		ug/kg	2.05	0.528	1	A
Dieldrin	ND		ug/kg	1.28	0.641	1	A
4,4'-DDE	ND		ug/kg	2.05	0.474	1	A
4,4'-DDD	ND		ug/kg	2.05	0.731	1	A
4,4'-DDT	ND		ug/kg	3.84	1.65	1	A
Endosulfan I	ND		ug/kg	2.05	0.484	1	A
Endosulfan II	ND		ug/kg	2.05	0.685	1	A
Endosulfan sulfate	ND		ug/kg	0.854	0.407	1	A
Methoxychlor	ND		ug/kg	3.84	1.20	1	A
Toxaphene	ND		ug/kg	38.4	10.8	1	A
cis-Chlordane	ND		ug/kg	2.56	0.714	1	A
trans-Chlordane	ND		ug/kg	2.56	0.677	1	A
Chlordane	ND		ug/kg	17.1	6.79	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-12

Date Collected: 05/10/22 12:25

Client ID: DSB-6_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-13
 Client ID: DSB-7_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 12:50
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 16:04
 Analyst: EJL
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 01:36
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.08	0.407	1	A
Lindane	ND		ug/kg	0.867	0.387	1	A
Alpha-BHC	ND		ug/kg	0.867	0.246	1	A
Beta-BHC	ND		ug/kg	2.08	0.789	1	A
Heptachlor	ND		ug/kg	1.04	0.466	1	A
Aldrin	ND		ug/kg	2.08	0.732	1	A
Heptachlor epoxide	ND		ug/kg	3.90	1.17	1	A
Endrin	ND		ug/kg	0.867	0.355	1	A
Endrin aldehyde	ND		ug/kg	2.60	0.910	1	A
Endrin ketone	ND		ug/kg	2.08	0.536	1	A
Dieldrin	ND		ug/kg	1.30	0.650	1	A
4,4'-DDE	1.20	J	ug/kg	2.08	0.481	1	B
4,4'-DDD	ND		ug/kg	2.08	0.742	1	A
4,4'-DDT	ND		ug/kg	3.90	1.67	1	B
Endosulfan I	ND		ug/kg	2.08	0.491	1	A
Endosulfan II	ND		ug/kg	2.08	0.695	1	A
Endosulfan sulfate	ND		ug/kg	0.867	0.412	1	A
Methoxychlor	ND		ug/kg	3.90	1.21	1	A
Toxaphene	ND		ug/kg	39.0	10.9	1	A
cis-Chlordane	ND		ug/kg	2.60	0.725	1	A
trans-Chlordane	ND		ug/kg	2.60	0.686	1	A
Chlordane	ND		ug/kg	17.3	6.89	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-13

Date Collected: 05/10/22 12:50

Client ID: DSB-7_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-14
 Client ID: DSB-7_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 12:55
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 16:17
 Analyst: EJL
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 01:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.803	0.359	1	A
Alpha-BHC	ND		ug/kg	0.803	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.731	1	A
Heptachlor	ND		ug/kg	0.964	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.679	1	A
Heptachlor epoxide	ND		ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.803	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.843	1	A
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	ND		ug/kg	1.20	0.602	1	A
4,4'-DDE	ND		ug/kg	1.93	0.446	1	A
4,4'-DDD	ND		ug/kg	1.93	0.688	1	A
4,4'-DDT	ND		ug/kg	3.61	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.455	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.803	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND		ug/kg	2.41	0.671	1	A
trans-Chlordane	ND		ug/kg	2.41	0.636	1	A
Chlordane	ND		ug/kg	16.1	6.38	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-14

Date Collected: 05/10/22 12:55

Client ID: DSB-7_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-15
 Client ID: DSB-8_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 13:15
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 16:29
 Analyst: EJL
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 01:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.391	1	A
Lindane	ND		ug/kg	0.832	0.372	1	A
Alpha-BHC	ND		ug/kg	0.832	0.236	1	A
Beta-BHC	ND		ug/kg	2.00	0.757	1	A
Heptachlor	ND		ug/kg	0.999	0.448	1	A
Aldrin	ND		ug/kg	2.00	0.703	1	A
Heptachlor epoxide	13.4		ug/kg	3.74	1.12	1	B
Endrin	ND		ug/kg	0.832	0.341	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.874	1	A
Endrin ketone	ND		ug/kg	2.00	0.514	1	A
Dieldrin	41.0		ug/kg	1.25	0.624	1	A
4,4'-DDE	10.0		ug/kg	2.00	0.462	1	A
4,4'-DDD	ND		ug/kg	2.00	0.712	1	A
4,4'-DDT	1.65	J	ug/kg	3.74	1.61	1	A
Endosulfan I	ND		ug/kg	2.00	0.472	1	A
Endosulfan II	ND		ug/kg	2.00	0.667	1	A
Endosulfan sulfate	ND		ug/kg	0.832	0.396	1	A
Methoxychlor	ND		ug/kg	3.74	1.16	1	A
Toxaphene	ND		ug/kg	37.4	10.5	1	A
cis-Chlordane	10.3	IP	ug/kg	2.50	0.696	1	B
trans-Chlordane	11.4		ug/kg	2.50	0.659	1	A
Chlordane	71.7		ug/kg	16.6	6.62	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-15

Date Collected: 05/10/22 13:15

Client ID: DSB-8_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-16
 Client ID: DSB-8_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 13:20
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 16:42
 Analyst: EJL
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 01:39
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.403	1	A
Lindane	ND		ug/kg	0.858	0.384	1	A
Alpha-BHC	ND		ug/kg	0.858	0.244	1	A
Beta-BHC	ND		ug/kg	2.06	0.781	1	A
Heptachlor	ND		ug/kg	1.03	0.462	1	A
Aldrin	ND		ug/kg	2.06	0.725	1	A
Heptachlor epoxide	ND		ug/kg	3.86	1.16	1	A
Endrin	ND		ug/kg	0.858	0.352	1	A
Endrin aldehyde	ND		ug/kg	2.57	0.901	1	A
Endrin ketone	ND		ug/kg	2.06	0.530	1	A
Dieldrin	ND		ug/kg	1.29	0.644	1	A
4,4'-DDE	ND		ug/kg	2.06	0.476	1	A
4,4'-DDD	ND		ug/kg	2.06	0.735	1	A
4,4'-DDT	ND		ug/kg	3.86	1.66	1	A
Endosulfan I	ND		ug/kg	2.06	0.487	1	A
Endosulfan II	ND		ug/kg	2.06	0.688	1	A
Endosulfan sulfate	ND		ug/kg	0.858	0.408	1	A
Methoxychlor	ND		ug/kg	3.86	1.20	1	A
Toxaphene	ND		ug/kg	38.6	10.8	1	A
cis-Chlordane	ND		ug/kg	2.57	0.718	1	A
trans-Chlordane	ND		ug/kg	2.57	0.680	1	A
Chlordane	ND		ug/kg	17.2	6.82	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-16

Date Collected: 05/10/22 13:20

Client ID: DSB-8_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-17
 Client ID: DSB-9_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 13:40
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 16:54
 Analyst: EJL
 Percent Solids: 67%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 01:39
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.29	0.449	1	A
Lindane	ND		ug/kg	0.955	0.427	1	A
Alpha-BHC	ND		ug/kg	0.955	0.271	1	A
Beta-BHC	ND		ug/kg	2.29	0.869	1	A
Heptachlor	0.835	J	ug/kg	1.14	0.514	1	B
Aldrin	ND		ug/kg	2.29	0.807	1	A
Heptachlor epoxide	1.60	JP	ug/kg	4.30	1.29	1	B
Endrin	ND		ug/kg	0.955	0.392	1	A
Endrin aldehyde	ND		ug/kg	2.86	1.00	1	A
Endrin ketone	ND		ug/kg	2.29	0.590	1	A
Dieldrin	10.2		ug/kg	1.43	0.716	1	B
4,4'-DDE	44.6		ug/kg	2.29	0.530	1	A
4,4'-DDD	4.65		ug/kg	2.29	0.817	1	B
4,4'-DDT	11.1		ug/kg	4.30	1.84	1	B
Endosulfan I	ND		ug/kg	2.29	0.541	1	A
Endosulfan II	ND		ug/kg	2.29	0.766	1	A
Endosulfan sulfate	ND		ug/kg	0.955	0.454	1	A
Methoxychlor	ND		ug/kg	4.30	1.34	1	A
Toxaphene	ND		ug/kg	43.0	12.0	1	A
cis-Chlordane	5.04	IP	ug/kg	2.86	0.798	1	B
trans-Chlordane	3.10	IP	ug/kg	2.86	0.756	1	B
Chlordane	62.3	P	ug/kg	19.1	7.59	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-17

Date Collected: 05/10/22 13:40

Client ID: DSB-9_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-18
 Client ID: DSB-9_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 13:45
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 13:33
 Analyst: AKM
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 01:41
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.380	1	A
Lindane	ND		ug/kg	0.809	0.362	1	A
Alpha-BHC	ND		ug/kg	0.809	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.736	1	A
Heptachlor	ND		ug/kg	0.971	0.435	1	A
Aldrin	ND		ug/kg	1.94	0.684	1	A
Heptachlor epoxide	1.33	J	ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.809	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.849	1	A
Endrin ketone	ND		ug/kg	1.94	0.500	1	A
Dieldrin	ND	IP	ug/kg	1.21	0.607	1	B
4,4'-DDE	11.7		ug/kg	1.94	0.449	1	B
4,4'-DDD	0.926	J	ug/kg	1.94	0.692	1	A
4,4'-DDT	2.73	J	ug/kg	3.64	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.459	1	A
Endosulfan II	ND		ug/kg	1.94	0.649	1	A
Endosulfan sulfate	ND		ug/kg	0.809	0.385	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	2.74	IP	ug/kg	2.43	0.676	1	B
trans-Chlordane	1.44	JIP	ug/kg	2.43	0.641	1	B
Chlordane	54.8		ug/kg	16.2	6.43	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-18

Date Collected: 05/10/22 13:45

Client ID: DSB-9_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-19
 Client ID: DSB-10_2-4
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 14:10
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 13:44
 Analyst: AKM
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 01:41
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.388	1	A
Lindane	ND		ug/kg	0.827	0.369	1	A
Alpha-BHC	ND		ug/kg	0.827	0.235	1	A
Beta-BHC	ND		ug/kg	1.98	0.752	1	A
Heptachlor	ND		ug/kg	0.992	0.445	1	A
Aldrin	ND		ug/kg	1.98	0.698	1	A
Heptachlor epoxide	ND		ug/kg	3.72	1.12	1	A
Endrin	ND		ug/kg	0.827	0.339	1	A
Endrin aldehyde	ND		ug/kg	2.48	0.868	1	A
Endrin ketone	ND		ug/kg	1.98	0.511	1	A
Dieldrin	ND		ug/kg	1.24	0.620	1	A
4,4'-DDE	ND		ug/kg	1.98	0.459	1	A
4,4'-DDD	ND		ug/kg	1.98	0.708	1	A
4,4'-DDT	ND		ug/kg	3.72	1.60	1	A
Endosulfan I	ND		ug/kg	1.98	0.469	1	A
Endosulfan II	ND		ug/kg	1.98	0.663	1	A
Endosulfan sulfate	ND		ug/kg	0.827	0.393	1	A
Methoxychlor	ND		ug/kg	3.72	1.16	1	A
Toxaphene	ND		ug/kg	37.2	10.4	1	A
cis-Chlordane	ND		ug/kg	2.48	0.691	1	A
trans-Chlordane	ND		ug/kg	2.48	0.655	1	A
Chlordane	ND		ug/kg	16.5	6.57	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-19

Date Collected: 05/10/22 14:10

Client ID: DSB-10_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-20
 Client ID: DSB-10_4-6
 Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 14:15
 Date Received: 05/10/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/15/22 13:54
 Analyst: AKM
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 02:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.08	0.408	1	A
Lindane	ND		ug/kg	0.869	0.388	1	A
Alpha-BHC	ND		ug/kg	0.869	0.247	1	A
Beta-BHC	ND		ug/kg	2.08	0.791	1	A
Heptachlor	ND		ug/kg	1.04	0.468	1	A
Aldrin	ND		ug/kg	2.08	0.734	1	A
Heptachlor epoxide	ND		ug/kg	3.91	1.17	1	A
Endrin	ND		ug/kg	0.869	0.356	1	A
Endrin aldehyde	ND		ug/kg	2.61	0.912	1	A
Endrin ketone	ND		ug/kg	2.08	0.537	1	A
Dieldrin	ND		ug/kg	1.30	0.652	1	A
4,4'-DDE	ND		ug/kg	2.08	0.482	1	A
4,4'-DDD	ND		ug/kg	2.08	0.744	1	A
4,4'-DDT	ND		ug/kg	3.91	1.68	1	A
Endosulfan I	ND		ug/kg	2.08	0.493	1	A
Endosulfan II	ND		ug/kg	2.08	0.697	1	A
Endosulfan sulfate	ND		ug/kg	0.869	0.414	1	A
Methoxychlor	ND		ug/kg	3.91	1.22	1	A
Toxaphene	ND		ug/kg	39.1	11.0	1	A
cis-Chlordane	ND		ug/kg	2.61	0.726	1	A
trans-Chlordane	ND		ug/kg	2.61	0.688	1	A
Chlordane	ND		ug/kg	17.4	6.91	1	A

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-20

Date Collected: 05/10/22 14:15

Client ID: DSB-10_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224632
Report Date: 05/17/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/15/22 12:55
Analyst: EJJ

Extraction Method: EPA 3546
Extraction Date: 05/14/22 00:37
Cleanup Method: EPA 3620B
Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-20 Batch: WG1638386-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.646	0.288	A
Alpha-BHC	ND		ug/kg	0.646	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.587	A
Heptachlor	ND		ug/kg	0.775	0.347	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.90	0.872	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.678	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.968	0.484	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	2.90	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.904	A
Toxaphene	ND		ug/kg	29.0	8.13	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.511	A
Chlordane	ND		ug/kg	12.9	5.13	A

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224632
Report Date: 05/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/15/22 12:55
 Analyst: EJL

Extraction Method: EPA 3546
 Extraction Date: 05/14/22 00:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/15/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-20 Batch: WG1638386-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	89		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224632

Report Date: 05/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-20 Batch: WG1638386-2 WG1638386-3									
Delta-BHC	88		90		30-150	2		30	A
Lindane	83		83		30-150	0		30	A
Alpha-BHC	101		103		30-150	2		30	A
Beta-BHC	88		88		30-150	0		30	A
Heptachlor	94		95		30-150	1		30	A
Aldrin	92		92		30-150	0		30	A
Heptachlor epoxide	84		82		30-150	2		30	A
Endrin	94		93		30-150	1		30	A
Endrin aldehyde	73		66		30-150	10		30	A
Endrin ketone	90		84		30-150	7		30	A
Dieldrin	100		100		30-150	0		30	A
4,4'-DDE	105		105		30-150	0		30	A
4,4'-DDD	107		107		30-150	0		30	A
4,4'-DDT	94		89		30-150	5		30	A
Endosulfan I	85		85		30-150	0		30	A
Endosulfan II	96		94		30-150	2		30	A
Endosulfan sulfate	74		63		30-150	16		30	A
Methoxychlor	122		112		30-150	9		30	A
cis-Chlordane	78		79		30-150	1		30	A
trans-Chlordane	105		105		30-150	0		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: ELMWOOD GOLF COURSE

Lab Number: L2224632

Project Number: 3858.0002Y000

Report Date: 05/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-20 Batch: WG1638386-2 WG1638386-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		96		30-150	A
Decachlorobiphenyl	81		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		98		30-150	B
Decachlorobiphenyl	71		82		30-150	B

METALS

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-01

Date Collected: 05/10/22 08:35

Client ID: DSB-1_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.9		mg/kg	0.59	0.08	10	05/16/22 11:38	05/16/22 17:31	EPA 3050B	1,6020B	SV
Lead, Total	6.6		mg/kg	0.71	0.17	10	05/16/22 11:38	05/16/22 17:31	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-02

Date Collected: 05/10/22 08:40

Client ID: DSB-1_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.1		mg/kg	0.66	0.09	10	05/16/22 11:38	05/16/22 17:37	EPA 3050B	1,6020B	SV
Lead, Total	5.1		mg/kg	0.79	0.19	10	05/16/22 11:38	05/16/22 17:37	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-03

Date Collected: 05/10/22 09:15

Client ID: DSB-2_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.7		mg/kg	0.69	0.09	10	05/16/22 11:38	05/16/22 17:42	EPA 3050B	1,6020B	SV
Lead, Total	15		mg/kg	0.83	0.20	10	05/16/22 11:38	05/16/22 17:42	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-04

Date Collected: 05/10/22 09:20

Client ID: DSB-2_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.4		mg/kg	0.59	0.08	10	05/16/22 11:38	05/16/22 17:47	EPA 3050B	1,6020B	SV
Lead, Total	2.6		mg/kg	0.71	0.17	10	05/16/22 11:38	05/16/22 17:47	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-05

Date Collected: 05/10/22 09:45

Client ID: DSB-3_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.2		mg/kg	0.60	0.08	10	05/16/22 11:38	05/16/22 18:09	EPA 3050B	1,6020B	SV
Lead, Total	4.2		mg/kg	0.72	0.18	10	05/16/22 11:38	05/16/22 18:09	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-06

Date Collected: 05/10/22 09:50

Client ID: DSB-3_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.7		mg/kg	0.60	0.08	10	05/16/22 11:38	05/16/22 18:14	EPA 3050B	1,6020B	SV
Lead, Total	2.8		mg/kg	0.72	0.18	10	05/16/22 11:38	05/16/22 18:14	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-07

Date Collected: 05/10/22 10:15

Client ID: DSB-4_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.2		mg/kg	0.64	0.08	10	05/16/22 11:38	05/16/22 18:19	EPA 3050B	1,6020B	SV
Lead, Total	5.4		mg/kg	0.76	0.19	10	05/16/22 11:38	05/16/22 18:19	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-08

Date Collected: 05/10/22 10:20

Client ID: DSB-4_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.4		mg/kg	0.61	0.08	10	05/16/22 11:38	05/16/22 18:25	EPA 3050B	1,6020B	SV
Lead, Total	3.4		mg/kg	0.73	0.18	10	05/16/22 11:38	05/16/22 18:25	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-09

Date Collected: 05/10/22 10:35

Client ID: DSB-5_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.4		mg/kg	0.69	0.09	10	05/16/22 11:38	05/16/22 18:30	EPA 3050B	1,6020B	SV
Lead, Total	7.8		mg/kg	0.83	0.20	10	05/16/22 11:38	05/16/22 18:30	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-10

Date Collected: 05/10/22 10:40

Client ID: DSB-5_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.5		mg/kg	0.64	0.08	10	05/16/22 11:38	05/16/22 18:35	EPA 3050B	1,6020B	SV
Lead, Total	9.6		mg/kg	0.76	0.18	10	05/16/22 11:38	05/16/22 18:35	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-11

Date Collected: 05/10/22 12:20

Client ID: DSB-6_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.4		mg/kg	0.66	0.09	10	05/16/22 11:38	05/16/22 18:41	EPA 3050B	1,6020B	SV
Lead, Total	7.6		mg/kg	0.80	0.19	10	05/16/22 11:38	05/16/22 18:41	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-12

Date Collected: 05/10/22 12:25

Client ID: DSB-6_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.3		mg/kg	0.64	0.08	10	05/16/22 11:38	05/16/22 18:46	EPA 3050B	1,6020B	SV
Lead, Total	8.3		mg/kg	0.77	0.19	10	05/16/22 11:38	05/16/22 18:46	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-13

Date Collected: 05/10/22 12:50

Client ID: DSB-7_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.4		mg/kg	0.64	0.08	10	05/16/22 11:38	05/16/22 18:51	EPA 3050B	1,6020B	SV
Lead, Total	8.4		mg/kg	0.77	0.19	10	05/16/22 11:38	05/16/22 18:51	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-14

Date Collected: 05/10/22 12:55

Client ID: DSB-7_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.7		mg/kg	0.60	0.08	10	05/16/22 11:38	05/16/22 18:57	EPA 3050B	1,6020B	SV
Lead, Total	6.0		mg/kg	0.72	0.18	10	05/16/22 11:38	05/16/22 18:57	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-15

Date Collected: 05/10/22 13:15

Client ID: DSB-8_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.8		mg/kg	0.64	0.08	10	05/16/22 11:38	05/16/22 19:15	EPA 3050B	1,6020B	SV
Lead, Total	10		mg/kg	0.76	0.19	10	05/16/22 11:38	05/16/22 19:15	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-16

Date Collected: 05/10/22 13:20

Client ID: DSB-8_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.4		mg/kg	0.64	0.08	10	05/16/22 11:38	05/16/22 19:20	EPA 3050B	1,6020B	SV
Lead, Total	8.4		mg/kg	0.76	0.18	10	05/16/22 11:38	05/16/22 19:20	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-17

Date Collected: 05/10/22 13:40

Client ID: DSB-9_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 67%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12		mg/kg	0.72	0.10	10	05/16/22 11:38	05/16/22 19:26	EPA 3050B	1,6020B	SV
Lead, Total	45		mg/kg	0.86	0.21	10	05/16/22 11:38	05/16/22 19:26	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-18

Date Collected: 05/10/22 13:45

Client ID: DSB-9_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	21		mg/kg	0.60	0.08	10	05/16/22 11:38	05/16/22 19:31	EPA 3050B	1,6020B	SV
Lead, Total	66		mg/kg	0.72	0.18	10	05/16/22 11:38	05/16/22 19:31	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-19

Date Collected: 05/10/22 14:10

Client ID: DSB-10_2-4

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.4		mg/kg	0.61	0.08	10	05/16/22 11:38	05/16/22 19:36	EPA 3050B	1,6020B	SV
Lead, Total	11		mg/kg	0.73	0.18	10	05/16/22 11:38	05/16/22 19:36	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**SAMPLE RESULTS**

Lab ID: L2224632-20

Date Collected: 05/10/22 14:15

Client ID: DSB-10_4-6

Date Received: 05/10/22

Sample Location: 850 DOBBS FERRY RD

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.3		mg/kg	0.66	0.09	10	05/16/22 11:38	05/16/22 19:42	EPA 3050B	1,6020B	SV
Lead, Total	5.0		mg/kg	0.79	0.19	10	05/16/22 11:38	05/16/22 19:42	EPA 3050B	1,6020B	SV



Project Name: ELMWOOD GOLF COURSE

Lab Number: L2224632

Project Number: 3858.0002Y000

Report Date: 05/17/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1638842-1										
Arsenic, Total	ND		mg/kg	0.50	0.07	10	05/16/22 11:38	05/16/22 17:05	1,6020B	SV
Lead, Total	ND		mg/kg	0.60	0.15	10	05/16/22 11:38	05/16/22 17:05	1,6020B	SV

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis Batch Quality Control

Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224632

Report Date: 05/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1638842-2 SRM Lot Number: D113-540								
Arsenic, Total	108		-		70-130	-		20
Lead, Total	106		-		72-128	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: ELMWOOD GOLF COURSE

Lab Number: L2224632

Project Number: 3858.0002Y000

Report Date: 05/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1638842-3 QC Sample: L2224632-01 Client ID: DSB-1_2-4												
Arsenic, Total	2.9	11	15	110		-	-		75-125	-		20
Lead, Total	6.6	48.5	59	108		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224632

Report Date: 05/17/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1638842-4 QC Sample: L2224632-01 Client ID: DSB-1_2-4						
Arsenic, Total	2.9	3.2	mg/kg	10		20
Lead, Total	6.6	6.7	mg/kg	2		20

INORGANICS & MISCELLANEOUS

Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-01**Client ID:** DSB-1_2-4**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 08:35**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-02**Client ID:** DSB-1_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 08:40**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.4		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-03**Client ID:** DSB-2_2-4**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 09:15**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.1		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-04**Client ID:** DSB-2_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 09:20**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-05**Client ID:** DSB-3_2-4**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 09:45**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-06**Client ID:** DSB-3_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 09:50**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.9		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-07**Client ID:** DSB-4_2-4**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 10:15**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.2		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-08**Client ID:** DSB-4_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 10:20**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.9		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-09**Client ID:** DSB-5_2-4**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 10:35**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.6		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-10**Client ID:** DSB-5_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 10:40**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.3		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-11**Client ID:** DSB-6_2-4**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 12:20**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.2		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-12**Client ID:** DSB-6_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 12:25**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.2		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-13**Client ID:** DSB-7_2-4**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 12:50**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.7		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-14**Client ID:** DSB-7_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 12:55**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE

Project Number: 3858.0002Y000

Lab Number: L2224632

Report Date: 05/17/22

SAMPLE RESULTS

Lab ID: L2224632-15

Client ID: DSB-8_2-4

Sample Location: 850 DOBBS FERRY RD

Date Collected: 05/10/22 13:15

Date Received: 05/10/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.2		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-16**Client ID:** DSB-8_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 13:20**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.8		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-17**Client ID:** DSB-9_2-4**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 13:40**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	66.7		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-18**Client ID:** DSB-9_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 13:45**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-19**Client ID:** DSB-10_2-4**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 14:10**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.4		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Project Name: ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22**SAMPLE RESULTS****Lab ID:** L2224632-20**Client ID:** DSB-10_4-6**Sample Location:** 850 DOBBS FERRY RD**Date Collected:** 05/10/22 14:15**Date Received:** 05/10/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.3		%	0.100	NA	1	-	05/13/22 20:03	121,2540G	MF



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** ELMWOOD GOLF COURSE**Project Number:** 3858.0002Y000**Lab Number:** L2224632**Report Date:** 05/17/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1638362-1 QC Sample: L2224632-01 Client ID: DSB-1_2-4						
Solids, Total	82.4	82.3	%	0		20

Project Name: ELMWOOD GOLF COURSE**Lab Number:** L2224632**Project Number:** 3858.0002Y000**Report Date:** 05/17/22**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2224632-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-01B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-02B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-03B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-04B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-05B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-06B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-07B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-08B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-09B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-10B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-11B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Serial_No:05172213:56
Lab Number: L2224632
Report Date: 05/17/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2224632-12B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-13B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-14A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-14B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-15A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-15B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-16A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-16B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-17A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-17B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-18A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-18B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-19A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-19B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)
L2224632-20A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		PB-6020T(180),AS-6020T(180)
L2224632-20B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		TS(7),NYTCL-8081(14)

Project Name: ELMWOOD GOLF COURSE
Project Number: 3858.0002Y000

Lab Number: L2224632
Report Date: 05/17/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Lab Number: L2224632
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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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Project Name: ELMWOOD GOLF COURSE
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Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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Lab Number: L2224632
Report Date: 05/17/22

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>12</u> of <u>12</u>		Date Rec'd in Lab <u>5/10/22</u>		ALPHA Job # <u>L224632</u>															
		Project Information Project Name: <u>Elmwood Golf Course</u> Project Location: <u>850 Dobbs Ferry Rd</u> Project # <u>3858.00024000</u> (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☒ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other				Billing Information ☐ Same as Client Info PO #													
		Client Information Client: <u>Roux</u> Address: <u>209 Shafter St</u> <u>Islandia, NY 11749</u> Phone: <u>631-232-2600</u> Fax: <u></u> Email: <u>elbutter@rouxinc.com</u>				Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge				Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:													
Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:				ANALYSIS				Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)															
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:				ALPHA Lab ID (Lab Use Only)				Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		REL Pests EPA 8081B Total Niscin EPA 6020B Total Lead EPA 6020B		Sample Specific Comments		Total Bottles			
24632-11		DSB-6-2-4		5/10/22		1220		SOIL		ST		X		X		X					2		
12		DSB-6-4-6				1225						X		X		X					2		
13		DSB-7-2-4				1250						X		X		X					2		
14		DSB-7-4-6				1255						X		X		X					2		
15		DSB-8-2-4				1315						X		X		X					2		
16		DSB-8-4-6				1320						X		X		X					2		
17		DSB-9-2-4				1340						X		X		X					2		
18		DSB-9-4-6				1345						X		X		X					2		
19		DSB-10-2-4				1410						X		X		X					2		
20		DSB-10-4-6				1415						X		X		X				2			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other				Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle				Westboro: Certification No: MA935 Mansfield: Certification No: MA015				Container Type Preservative				A A A A A A				Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
Relinquished By: <u>Paul Maggella</u>				Date/Time: <u>5/10/22 1500</u>				Received By: <u>Paul Maggella</u>				Date/Time: <u>5/10/22 1545</u>											
<u>Paul Maggella</u>				<u>5/10/22 1658</u>				<u>Paul Maggella</u>				<u>5/10/22 1710</u>											
<u>Paul Maggella</u>				<u>5/10/22 2122</u>				<u>Paul Maggella</u>				<u>5/10/22 2130</u>											