BLDI Environmental Engineering | *Working for you*

Site Status Report

Former City of Lowell Landfill

0 Ware Road

Boston Township, Ionia County, Michigan

Presented to:

EGLE Remediation and Redevelopment Division
Grand Rapids District Office
Grand Rapids, Michigan

On Behalf of:

City of Lowell
301 East Main Street
Lowell, Michigan 49331

April 19, 2021

BLDI Project No.: 194688.21

Prepared by BLDI, Inc.
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1.0 INTRODUCTION AND BACKGROUND

The former City of Lowell Landfill is located at 0 Ware Road in Boston Township, Ionia County, Michigan (Facility). The Facility is an inactive landfill for which the exact period of operation is not accurately known. However, the earliest license available from EGLE records indicates an application approved on June 13, 1966.

The landfill was officially closed on January 20, 1983. During its operation the landfill was cited by Ionia County Health Department (ICHD) for select regulatory noncompliance issues (e.g., numerous facility management and maintenance violations recorded). In early 1986, it was determined by the ICHD and the Michigan Department of Natural Resources (MDNR) that the Lowell City Landfill could be eligible for a hydrogeological study to be funded under the Clean Michigan Fund. The investigation that was conducted is described in the 1987 Hydrogeological Investigation report prepared by EIS Environmental Engineers, Inc. (EIS).

This report documents the activities that were conducted at the Facility by BLDI, Inc. (BLDI) since the submittal of the August 2020 Site Status Report (SSR). BLDI has performed the following activities since the submittal of the SSR for the Facility:

- Installation of six monitoring wells including documenting soil conditions – November 2020
- Groundwater elevation survey – December 2020
- Groundwater sampling event – December 2020
- Monitoring well top-of-casing elevation survey and groundwater sampling event – March 2021

The following sections of this report detail the methodology and outcome of the activities performed during this reporting period.

2.0 ACTIVITIES COMPLETED

2.1 Monitoring Well Installation Event

In November 2020, BLDI installed six soil borings, all of which were completed as monitoring wells at the Facility. All the monitoring wells were installed using hollow-stem auger methods and were advanced to a maximum depth of 95 feet below the ground surface (bgs).

Soils in the vadose zone consist of primarily sand with intermittent intervals of loamy sand, sandy loam, silty loam, clay, and silty clay loam. A cross-section depicting the soils encountered during the event is presented as Figure 7. Vadose soils became saturated at depths between 39 and 78.5 feet bgs within the borings. The soil boring logs are presented in Appendix B. Locations of the soil borings and monitoring wells are depicted on Figure 2 (Facility Layout Map).

Soils were field screened throughout the borings using a MiniRAE model 3000, 10.6 eV PID and through visual and olfactory indicators to identify any contaminated intervals. At a minimum, a soil sample was collected from each of the monitoring well clusters and single monitoring well locations from the depth interval exhibiting the greatest evidence of contamination, regardless of the degree of saturation. Additional soil samples were collected from each of the monitoring well clusters to characterize the soil conditions at the Facility.

The soil samples were collected and preserved in accordance with United States Environmental Protection Agency (US EPA) Method 5035, placed in an iced cooler, and submitted to Fibertec for laboratory analysis of volatile organic compounds (VOCs). A summary of the soil analytical results are presented on Table 3 with the maximum detected concentrations compared to their respective Part 201 Generic Residential Cleanup Criteria (GRCC) on Table 1. The detected compounds are also presented by location on Figure 4. The laboratory reports from the soil samples are presented in Appendix A. The analytical results are discussed in Section 3.2 below.

2.2 Groundwater Monitoring Activities

2.2.1 Depth to Groundwater Survey and Groundwater Flow Direction

A static water elevation survey was conducted on November 4, 2020 and December 21, 2020. Each monitoring well was accessed and allowed to equilibrate prior to measuring the static water table elevation. The depth to groundwater for each well was then measured using an electronic tape and recorded. The results of the elevation survey are presented on Table 5.

From the field data collected, the water table elevation for each monitoring well was determined and groundwater elevation contours prepared. Figures 5A and 5B illustrate the resulting groundwater flow contour maps developed from the December 2020 field data. Overall, the groundwater flow direction documented at the Facility indicates that the predominant groundwater flow direction is to the north/northeast within the shallow and deep wells.

2.2.2 Groundwater Sampling

In December 2020 and March 2021, BLDI conducted a groundwater monitoring investigation utilizing sampling methods in accordance with both the Michigan Department of Environment, Great Lakes, and Energy (EGLE) and United States Environmental Protection Agency (USEPA) guidance. For the six monitoring wells installed since the submittal of the August 2020 SSR, groundwater samples representative of formation water were collected using low flow groundwater sampling techniques. The low flow method employed a submersible pump operated at approximately 0.5 liters per minute and demonstrated to be at a pumping rate that would not produce draw down of the water elevation in the well.

Groundwater temperature, conductivity, pH, oxidation/reduction potential, and dissolved oxygen content were all monitored and allowed to equilibrate prior to groundwater sample collection. Groundwater samples were collected from MW-1DD, MW-3DD, MW-5DD, MW-7D, MW-7S, and MW-18D in December 2020. An additional groundwater sample was collected from MW-

3DD in March 2021.Groundwater samples were collected in accordance with low flow sampling methods, as specified in Attachment 5 of the former EGLE Remediation and Redevelopment Division (RRD) Operational Memorandum No. 2, dated October 22, 2004 (RRD-OpMemo-02), now rescinded.

The groundwater sample was collected and submitted to Fibertec Environmental Services (Fibertec), Holt, Michigan under a chain of custody for analysis of volatile organic compounds in accordance with USEPA method 8260 standard. The laboratory analytical report from the groundwater sample analysis is presented in Appendix A. The analytical results are also summarized in Table 4 and are presented by location on Figure 3. Please refer to Section 3.1 for a discussion of the analytical results.

3.0 ANALYTICAL RESULTS

3.1 Groundwater Analytical Results

Laboratory analytical reports from the groundwater sample analyses are presented in Appendix A. As stated above, the analytical results are summarized in Table 4 and are presented by location on Figure 3. Additionally, the maximum concentration of analytes detected at the Facility since BLDI initiated investigations are presented in Table 2. As the data indicates, tetrachloroethene (PERC) was detected in MW-7S; however, it was not detected above its respective residential GRCC. Additionally, benzene, cis-1,2-Dichloroethylene, and vinyl chloride were detected in MW-3DD, of which, only vinyl chloride was detected at concentrations exceeding its applicable residential GRCC. No target analytes were detected in MW-1DD, MW-5DD, MW-7D or MW-18D above analytical reporting limits, and therefore, no analytes within these wells exceed their applicable GRCC.

While delineation of the PERC and vinyl chloride are not yet achieved, several monitoring wells are proposed at the site and BLDI will continue to evaluate the data and place monitoring wells as necessary. The detection of vinyl chloride in MW-3DD will be further evaluated with additional groundwater sampling events.

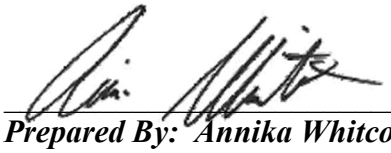
3.2 Soil Analytical Results

Laboratory analytical reports from the soil sample analyses are presented in Appendix A. Maximum concentrations of analytes detected in the soil at the Facility are presented in Table 1. Additionally, a summary of the analytical results are presented in Table 3 and are presented by location on Figure 3. Soil samples were collected throughout the borings to characterize the soil at the Facility in November 2020. As the data indicates, no target analytes were detected in the soil samples collected from any of the monitoring well locations installed during the November 2020 soil investigation event.

4.0 PROPOSED FUTURE ACTIONS

Additional monitoring wells will be installed at the Site to delineate the volatile organic compounds present at the Facility. The next monitoring well installation event is anticipated to be completed in May 2021. In addition, the groundwater in MW-3DD will be sampled again to further evaluate the detection of vinyl chloride above its Part 201 GRCC.

5.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS



Prepared By: Annika Whitcomb
Associate Project Manager

Reviewed By: Renée Pewitt, EP
Vice President

FIGURES

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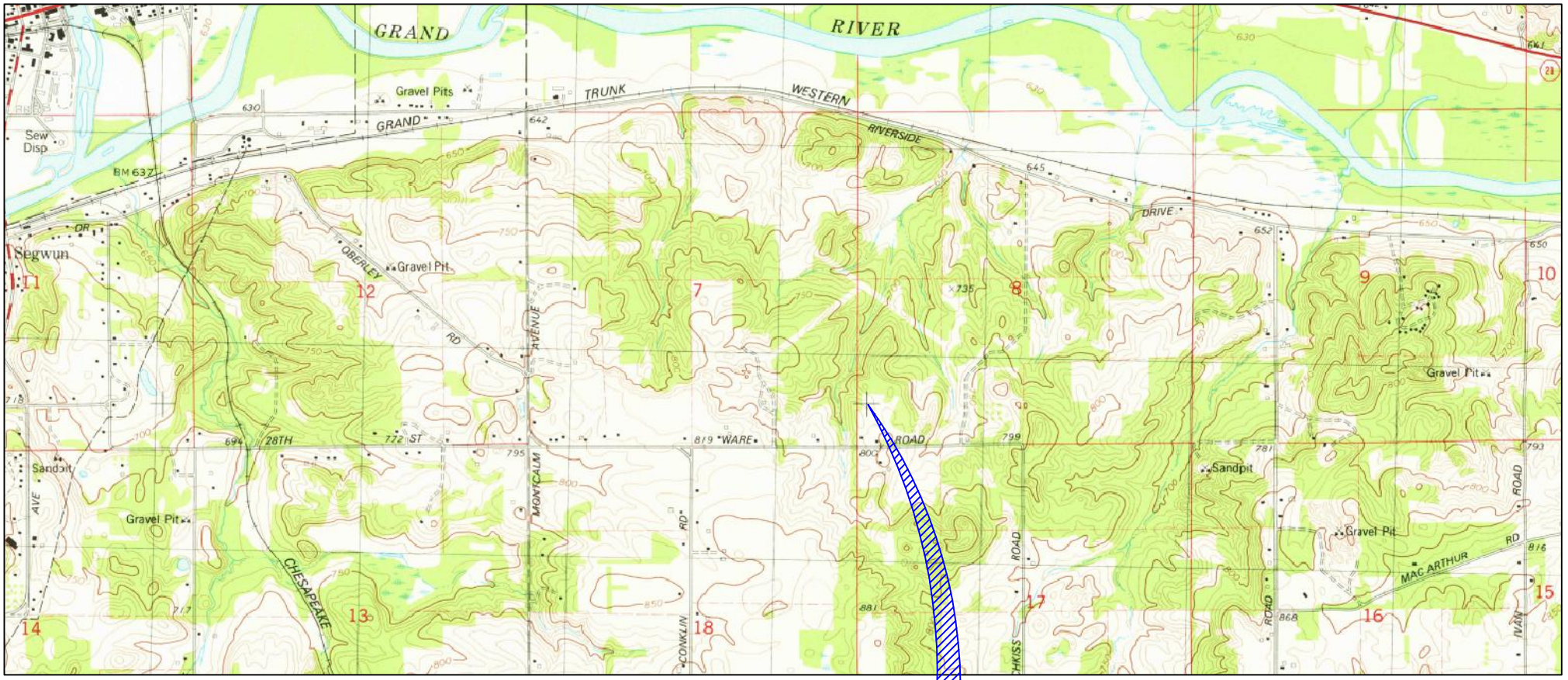

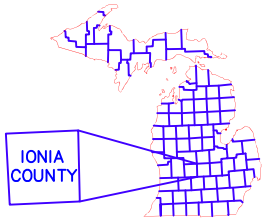

Property

CR

NOT A LEGAL SURVEY

FIGURE 1
PROPERTY LOCATION MAP

City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

March 2021 194688.20

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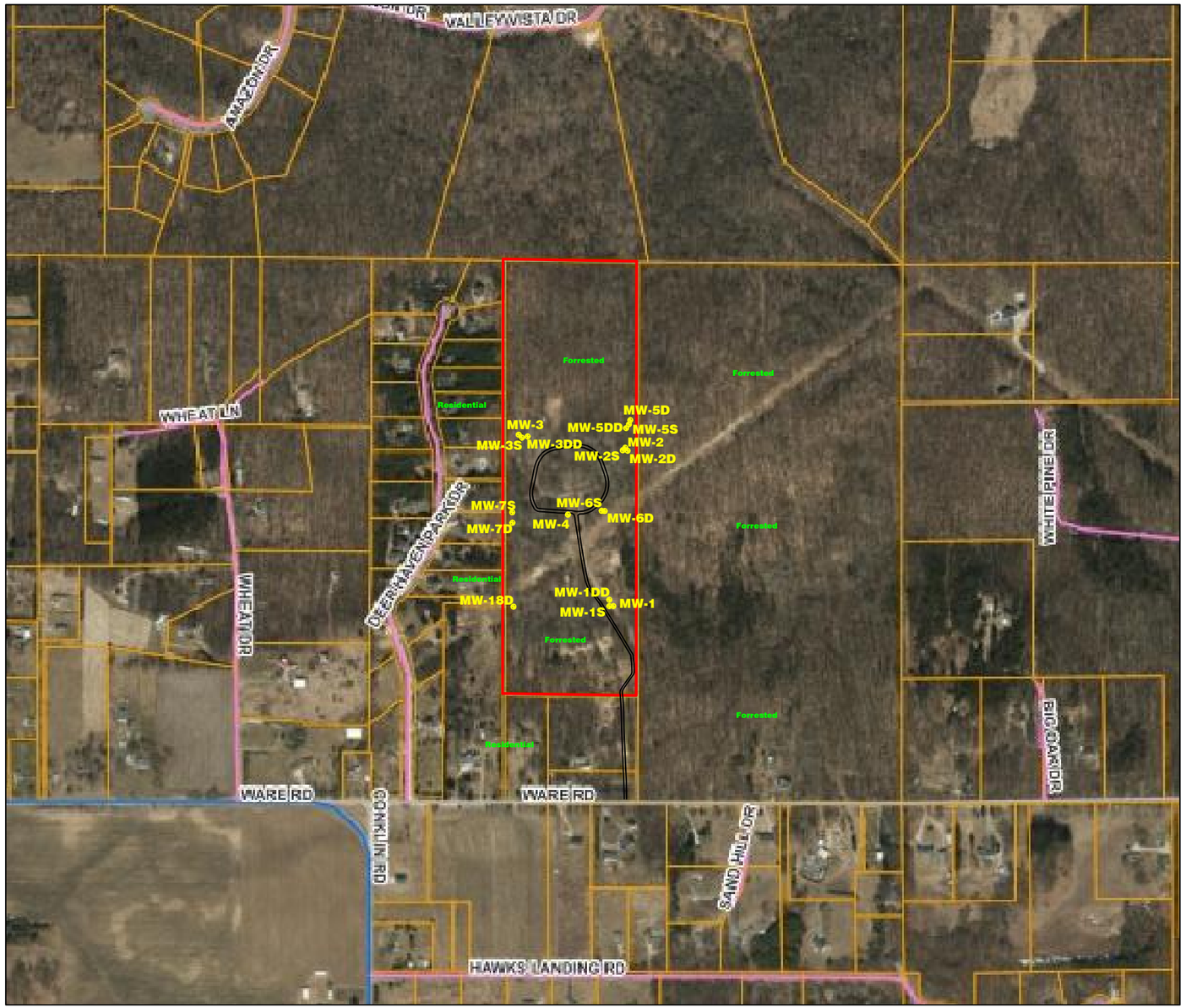

LEGEND

- MONITORING WELL LOCATION*
- PROPERTY BOUNDARIES

CR/KM

*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

0 650 1,300
APPROXIMATE SCALE IN FEET

NOT A LEGAL SURVEY

FIGURE 2
FACILITY LAYOUT MAP

Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

April 2021 194688.20

BLDI
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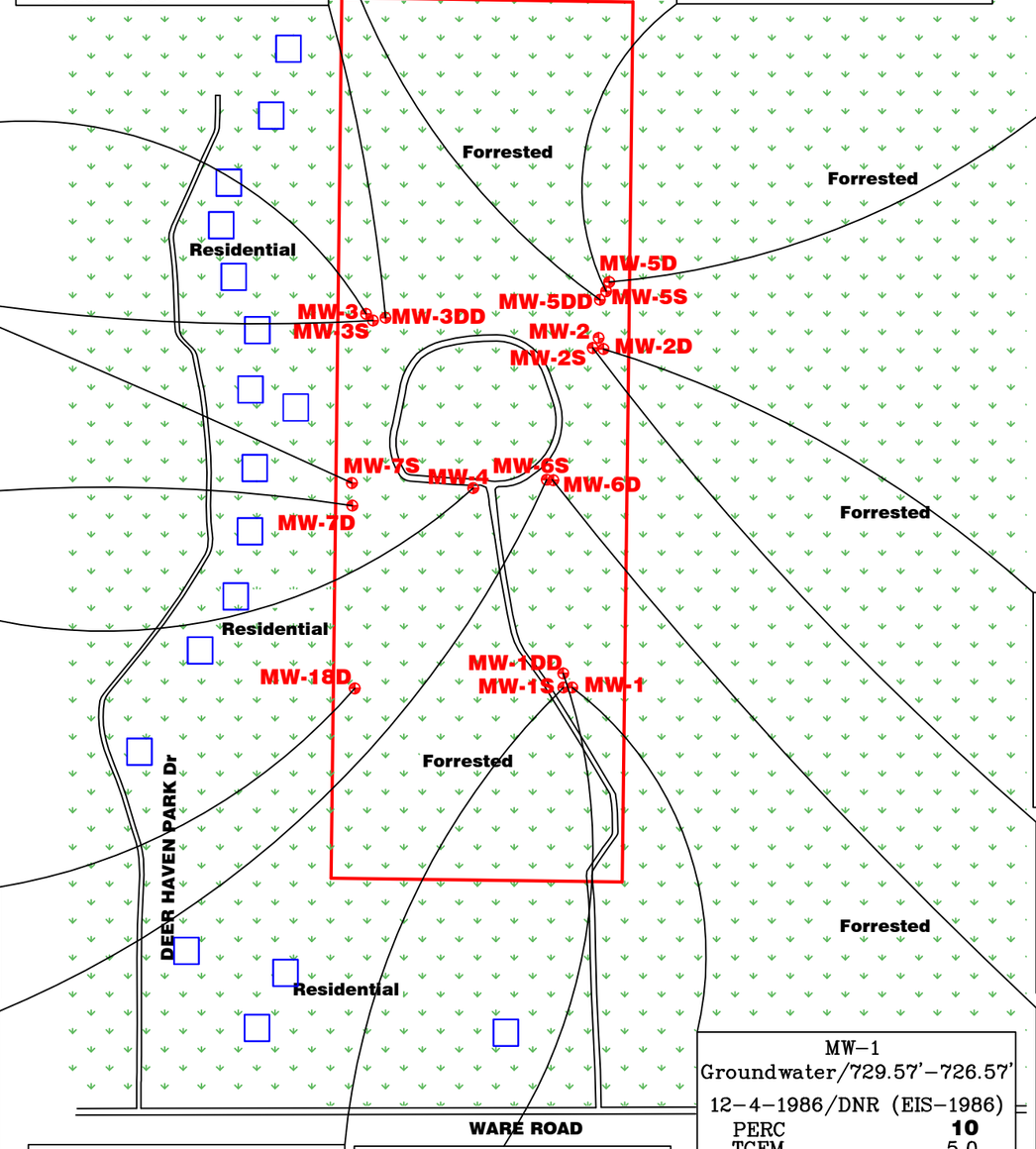

MW-3
Groundwater/730.97'–725.97'
12–4–1986/DNR (EIS–1986)
PERC **10**
Other VOCs < RL
6–14–2019/BLDI
VOCs < RL
6–19–2020/BLDI
VOCs < RL

MW-3S
Groundwater/739.58'–734.58'
11–26–2019/BLDI
VOCs < RL
6–19–2020/BLDI
VOCs < RL

MW-7S
Groundwater/760.36'–755.36'
12–21–20/BLDI
PERC 1.8
Other VOCs < RL

MW-7D
Groundwater/739.03'–734.03'
12–22–20/BLDI
VOCs < RL

MW-4
Groundwater/754.70'–749.70'
11–26–2019/BLDI
PERC **13**
Other VOCs < RL
6–19–2020/BLDI
TCM 1.6
PERC **13**
Other VOCs < RL

MW-18D
Groundwater/70.0'–75.0'
12–21–20/BLDI
VOCs < RL

MW-6S
Groundwater/751.31'–746.31'
11–27–2019/BLDI
TCM 3.1
PERC **18**
1,1,1 4.7
Other VOCs < RL
6–19–2020/BLDI
TCM 2.7
PERC **16**
Other VOCs < RL

MW-3DD
Groundwater/82.0'–87.0'
12–21–2020/BLDI
B 1.9
VC **2.6**
Other VOCs < RL

MW-5DD
Groundwater/87.0'–92.0'
12–21–20/BLDI
VOCs < RL

MW-5S
Groundwater/724.08'–719.08'
11–26–2019/BLDI
VOCs < RL
6–18–2020/BLDI
VOCs < RL

MW-5D
Groundwater/713.72'–708.72'
11–26–2019/BLDI
TCM 2.1
PERC **9.0**
Other VOCs < RL
6–18–2020/BLDI
TCM 1.7
PERC **7.1**
Other VOCs < RL

MW-2D
Groundwater/719.77'–714.77'
12–17–2019/BLDI
TCM 2.7
PERC **12**
Other VOCs < RL
6–18–2020/BLDI
VOCs < RL

MW-2S
Groundwater/729.79'–724.79'
12–17–2019/BLDI
VOCs < RL
6–18–2020/BLDI
VOCs < RL

MW-6D
Groundwater/741.23'–736.23'
11–27–2019/BLDI
PERC 2.1
Other VOCs < RL
6–19–2020/BLDI
PERC 1.1
Other VOCs < RL

MW-1S
Groundwater/754.71'–749.71'
11–26–2019/BLDI
PERC 1.1
Other VOCs < RL
6–18–2020/BLDI
VOCs < RL

MW-1DD
Groundwater/80.0'–85.5'
12–21–20/BLDI
VOCs < RL

MW-1
Groundwater/729.57'–726.57'
12–4–1986/DNR (EIS–1986)
PERC **10**
TCFM 5.0
Other VOCs < RL
6–14–2019/BLDI
PERC **8.4**
Other VOCs < RL
6–18–2020/BLDI
PERC **8.0**
Other VOCs < RL

LEGEND

- MONITORING WELL LOCATION*
- BUILDING
- PROPERTY BOUNDARIES

B	BENZENE
CF	CHLOROFORM
TCM	CARBON TETRACHLORIDE
1,2	1,2–DICHLROETHANE
cis–1,2	cis–1,2–DICHLOROETHYLENE
PERC	TETRACHLOROETHENE
1,1,1	1,1,1–TRICHLOROETHANE
TCE	TRICHLOROETHYLENE
TCFM	TRICHLOROFLUOROMETHANE
DBCM	DIBROMOCHLOROMETHANE
VC	VINYL CHLORIDE
VOCs	Volatile Organic Compounds

Sample Location
Sample Media/Sample Depth (elevation)
Sample Date/Collected By
Analytical Results (ug/L)

BOLD VALUES EXCEED APPLICABLE CRITERIA

* Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

VS/SJ

0 350 700
APPROXIMATE SCALE IN FEET

FIGURE 3

GROUNDWATER ANALYTICAL RESULTS
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

March 2021 194688.20

NOT A LEGAL SURVEY

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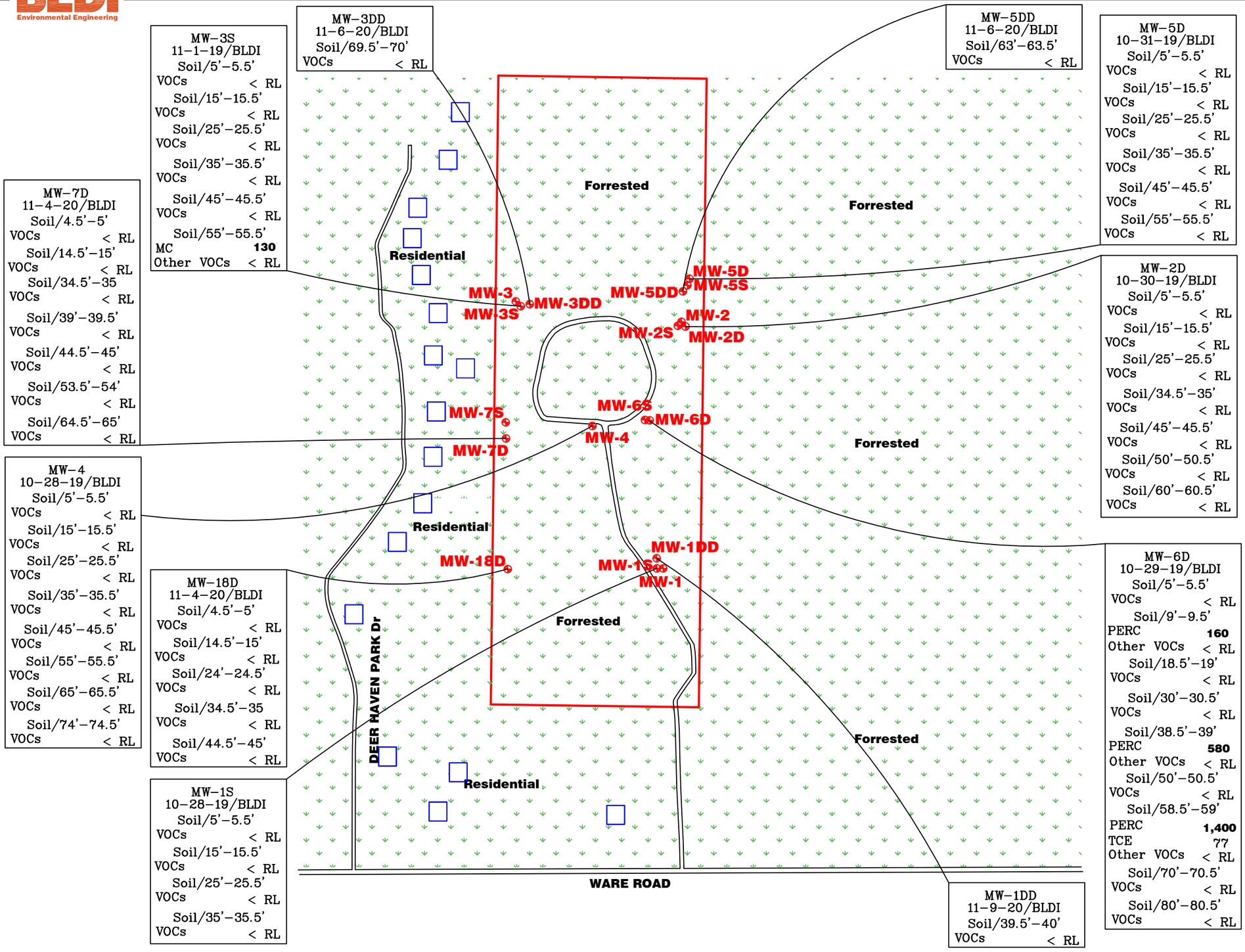


LEGEND

- MONITORING WELL LOCATION*
- BUILDING
- PROPERTY BOUNDARIES

MC METHYLENE CHLORIDE
PERC TETRACHLOROETHENE
TCE TRICHLOROETHENE

Sample Location
Sample Media/Sample Depth
Sample Date/Collected By
Analytical Results (ug/L)

BOLD VALUES EXCEED APPLICABLE CRITERIA

VS

*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

0 300 600
APPROXIMATE SCALE IN FEET

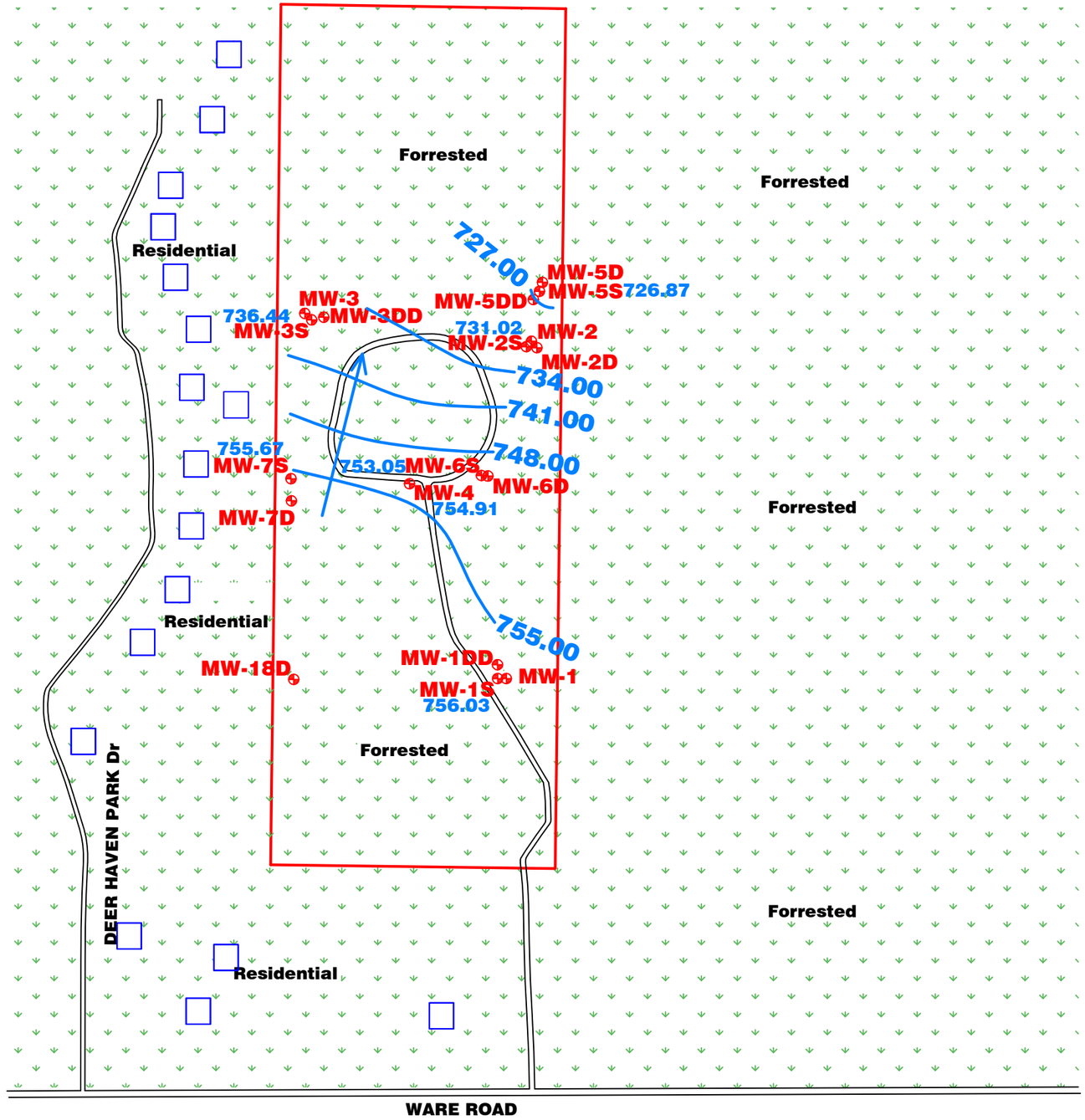
NOT A LEGAL SURVEY

FIGURE 4
SOIL ANALYTICAL RESULTS

Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

March 2021 194688.20

BLDI
Environmental Engineering



LEGEND

- MONITORING WELL LOCATION*
- BUILDING
- PROPERTY BOUNDARIES

*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

NOT A LEGAL SURVEY

0 300 600
APPROXIMATE SCALE IN FEET

SJ

FIGURE 5A
GROUNDWATER ELEVATIONS AND FLOW CONTOURS – SHALLOW WELLS
DECEMBER 2020
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan
April 2021 194688.20

BLDI
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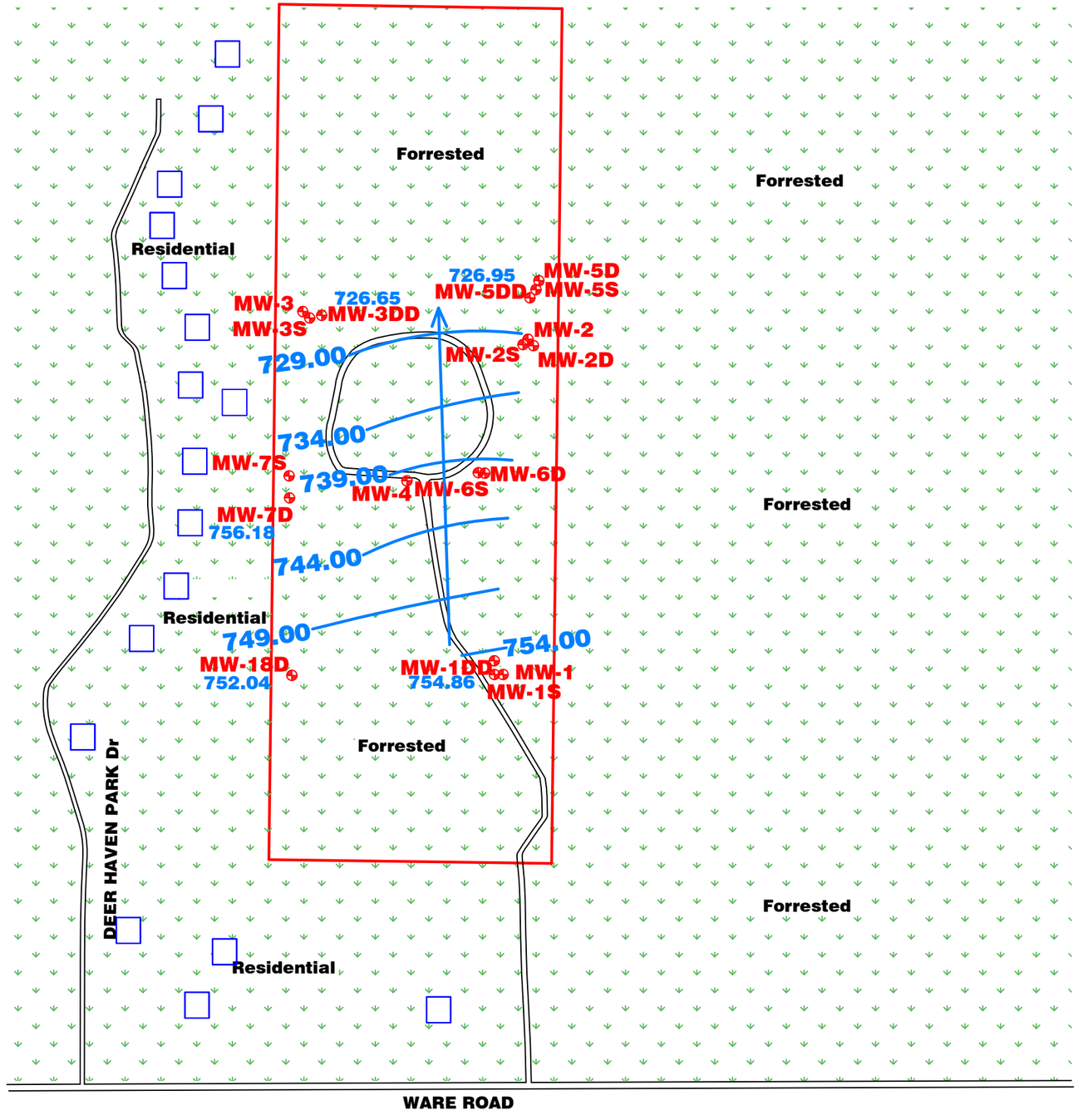


LEGEND

- MONITORING WELL LOCATION*
- BUILDING
- PROPERTY BOUNDARIES

SJ

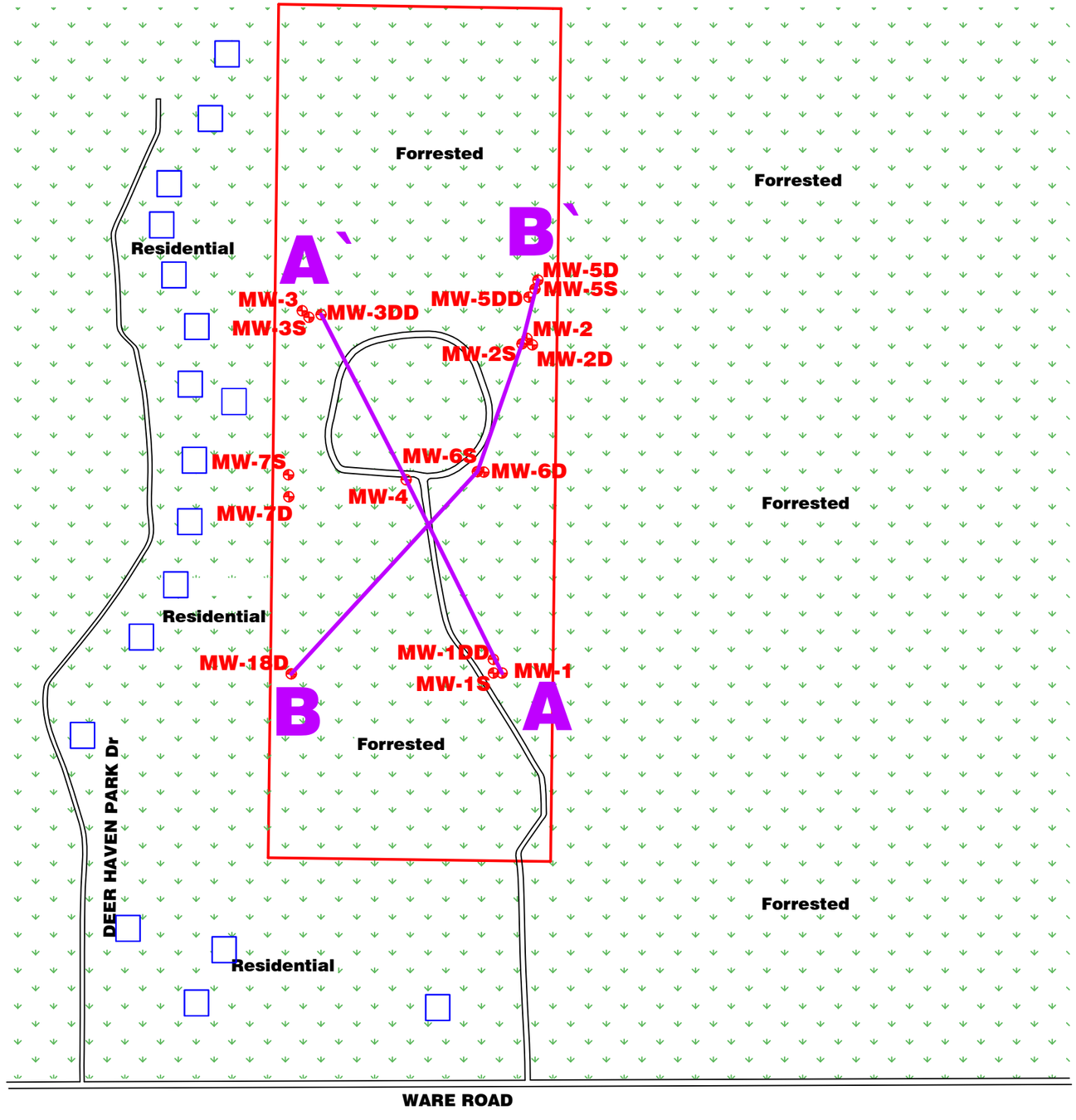
*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

0 300 600
APPROXIMATE SCALE IN FEET

NOT A LEGAL SURVEY

FIGURE 5B
GROUNDWATER ELEVATIONS AND FLOW CONTOURS – DEEP WELLS
DECEMBER 2020
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan
April 2021 194688.20

BLDI
Environmental Engineering



LEGEND

- MONITORING WELL LOCATION*
- BUILDING
- PROPERTY BOUNDARIES

SJ

*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

0 300 600
APPROXIMATE SCALE IN FEET

NOT A LEGAL SURVEY

FIGURE 6
CROSS SECTION TRACE MAP

Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

March 2021 194688.20

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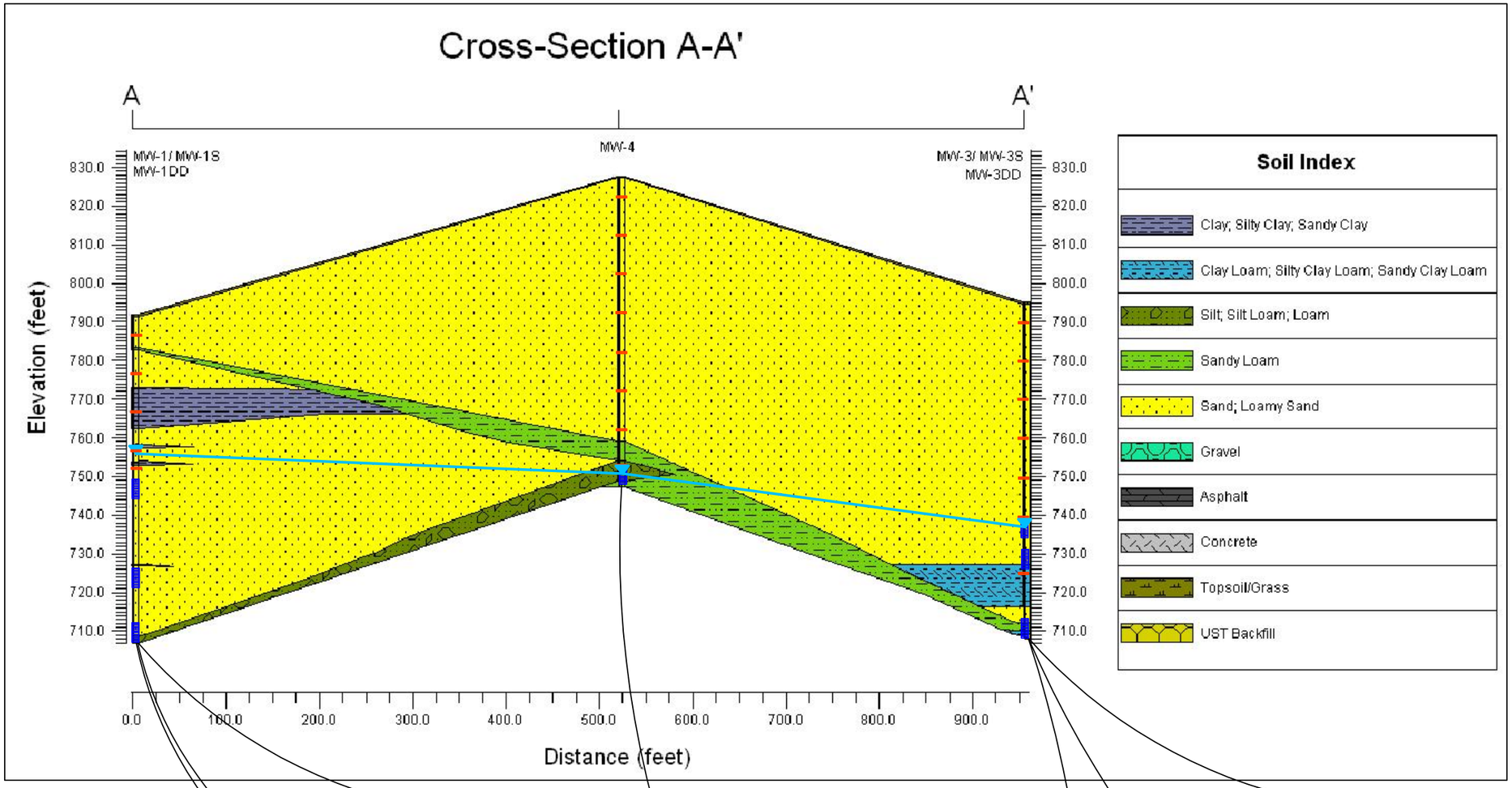
Cross-Section A-A'



Soil Index

- Clay; Silty Clay; Sandy Clay
- Clay Loam; Silty Clay Loam; Sandy Clay Loam
- Silt; Silt Loam; Loam
- Sandy Loam
- Sand; Loamy Sand
- Gravel
- Asphalt
- Concrete
- Topsoil/Grass
- UST Backfill

LEGEND

- WATER TABLE
- SOIL SAMPLE INTERVAL
- SCREENED INTERVAL

B	BENZENE
CF	CHLOROFORM
TCM	CARBON TETRACHLORIDE
1,2	1,2–DICHLROETHANE
cis–1,2	cis–1,2–DICHLOROETHYLENE
MC	METHYLENE CHLORIDE
PERC	TETRACHLOROETHENE
1,1,1	1,1,1–TRICHLOROETHANE
TCE	TRICHLOROETHYLENE
TCFM	TRICHLOROFLUOROMETHANE
DBCM	DIBROMOCHLOROMETHANE
VC	VINYL CHLORIDE
VOCs	Volatile Organic Compounds

Sample Location
Sample Media/Sample Depth or Elevation
Sample Date/Collected By
Analytical Results (ug/kg or ug/L)

MW–1
Groundwater/729.57'–726.57'
12–4–1986/DNR (EIS–1986)
PERC **10**
TCFM 5.0
Other VOCs < RL
6–14–2019/BLDI
PERC **8.4**
Other VOCs < RL
6–18–2020/BLDI
PERC **8.0**
Other VOCs < RL

MW–1S
10–28–19/BLDI
Soil/5'–5.5'
VOCs < RL
Soil/15'–15.5'
VOCs < RL
Soil/25'–25.5'
VOCs < RL
Soil/35'–35.5'
VOCs < RL

MW–1S
Groundwater/754.71'–749.71'
11–26–2019/BLDI
PERC 1.1
Other VOCs < RL
6–18–2020/BLDI
VOCs < RL

MW–1DD
11–9–20/BLDI
Soil/39.5'–40'
VOCs < RL

MW–1DD
Groundwater/80.0'–85.5'
12–21–20/BLDI
VOCs < RL

MW–4
10–28–19/BLDI
Soil/5'–5.5'
VOCs < RL
Soil/15'–15.5'
VOCs < RL
Soil/25'–25.5'
VOCs < RL
Soil/35'–35.5'
VOCs < RL
Soil/45'–45.5'
VOCs < RL
Soil/55'–55.5'
VOCs < RL
Soil/65'–65.5'
VOCs < RL
Soil/74'–74.5'
VOCs < RL

MW–4
Groundwater/754.70'–749.70'
11–26–2019/BLDI
PERC **13**
Other VOCs < RL
6–19–2020/BLDI
TCM 1.6
PERC **13**
Other VOCs < RL

MW–3
Groundwater/730.97'–725.97'
12–4–1986/DNR (EIS–1986)
PERC **10**
Other VOCs < RL
6–14–2019/BLDI
VOCs < RL
6–19–2020/BLDI
VOCs < RL

MW–3S
11–1–19/BLDI
Soil/5'–5.5'
VOCs < RL
Soil/15'–15.5'
VOCs < RL
Soil/25'–25.5'
VOCs < RL
Soil/35'–35.5'
VOCs < RL
Soil/45'–45.5'
VOCs < RL
Soil/55'–55.5'
MC **130**
Other VOCs < RL

MW–3S
Groundwater/739.58'–734.58'
11–26–2019/BLDI
VOCs < RL
6–19–2020/BLDI
VOCs < RL

MW–3DD
11–6–20/BLDI
Soil/69.5'–70'
VOCs < RL

MW–3DD
Groundwater/82.0'–87.0'
12–21–2020/BLDI
B 1.9
VC **2.6**
Other VOCs < RL

SJ

NOT A LEGAL SURVEY

FIGURE 7A
CROSS SECTION A–A'
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

March 2021 194688.20

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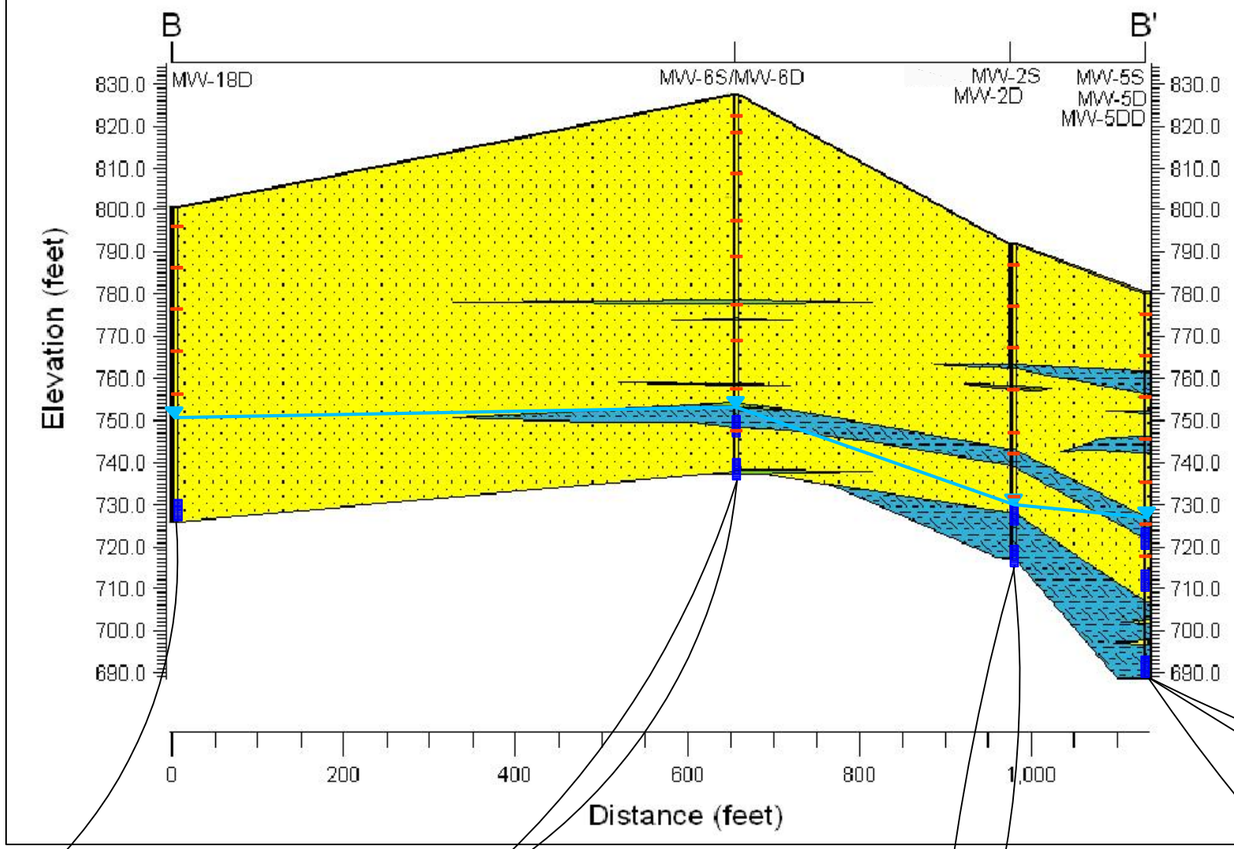
Cross-Section B-B'



Soil Index

- Clay; Silty Clay; Sandy Clay
- Clay Loam; Silty Clay Loam; Sandy Clay Loam
- Silt; Silt Loam; Loam
- Sandy Loam
- Sand; Loamy Sand
- Gravel
- Asphalt
- Concrete
- Topsoil/Grass
- UST Backfill

LEGEND

- WATER TABLE
- SOIL SAMPLE INTERVAL
- SCREENED INTERVAL

B	BENZENE
CF	CHLOROFORM
TCM	CARBON TETRACHLORIDE
1,2	1,2-DICHLROETHANE
cis-1,2	cis-1,2-DICHLOROETHYLENE
MC	METHYLENE CHLORIDE
PERC	TETRACHLOROETHENE
1,1,1	1,1,1-TRICHLOROETHANE
TCE	TRICHLOROETHYLENE
TCFM	TRICHLOROFLUOROMETHANE
DBCM	DIBROMOCHLOROMETHANE
VC	VINYL CHLORIDE
VOCs	Volatile Organic Compounds

Sample Location
Sample Media/Sample Depth or Elevation
Sample Date/Collected By
Analytical Results (ug/kg or ug/L)

MW-18D
11-4-20/BLDI
Soil/4.5'-5'
VOCs < RL
Soil/14.5'-15'
VOCs < RL
Soil/24'-24.5'
VOCs < RL
Soil/34.5'-35
VOCs < RL
Soil/44.5'-45'
VOCs < RL

MW-18D
Groundwater/70.0'-75.0'
12-21-20/BLDI
VOCs < RL

MW-6D
Groundwater/741.23'-736.23'
11-27-2019/BLDI
PERC 2.1
Other VOCs < RL
6-19-2020/BLDI
PERC 1.1
Other VOCs < RL

MW-6D
10-29-19/BLDI
Soil/5'-5.5'
VOCs < RL
Soil/9'-9.5'
PERC **160**
Other VOCs < RL
Soil/18.5'-19'
VOCs < RL
Soil/30'-30.5'
VOCs < RL
Soil/38.5'-39'
PERC **580**
Other VOCs < RL
Soil/50'-50.5'
VOCs < RL
Soil/58.5'-59'
PERC **1,400**
TCE 77
Other VOCs < RL
Soil/70'-70.5'
VOCs < RL
Soil/80'-80.5'
VOCs < RL

MW-6S
Groundwater/751.31'-746.31'
11-27-2019/BLDI
TCM 3.1
PERC **18**
1,1,1 4.7
Other VOCs < RL
6-19-2020/BLDI
TCM 2.7
PERC **16**
Other VOCs < RL

MW-2D
10-30-19/BLDI
Soil/5'-5.5'
VOCs < RL
Soil/15'-15.5'
VOCs < RL
Soil/25'-25.5'
VOCs < RL
Soil/34.5'-35'
VOCs < RL
Soil/45'-45.5'
VOCs < RL
Soil/50'-50.5'
VOCs < RL
Soil/60'-60.5'
VOCs < RL

MW-2D
Groundwater/719.77'-714.77'
12-17-2019/BLDI
TCM 2.7
PERC **12**
Other VOCs < RL
6-18-2020/BLDI
VOCs < RL

MW-2S
Groundwater/729.79'-724.79'
12-17-2019/BLDI
VOCs < RL
6-18-2020/BLDI
VOCs < RL

MW-5D
10-31-19/BLDI
Soil/5'-5.5'
VOCs < RL
Soil/15'-15.5'
VOCs < RL
Soil/25'-25.5'
VOCs < RL
Soil/35'-35.5'
VOCs < RL
Soil/45'-45.5'
VOCs < RL
Soil/55'-55.5'
VOCs < RL

MW-5D
Groundwater/713.72'-708.72'
11-26-2019/BLDI
TCM 2.1
PERC **9.0**
Other VOCs < RL
6-18-2020/BLDI
TCM 1.7
PERC **7.1**
Other VOCs < RL

MW-5DD
11-6-20/BLDI
Soil/63'-63.5'
VOCs < RL

MW-5DD
Groundwater/87.0'-92.0'
12-21-20/BLDI
VOCs < RL

MW-5S
Groundwater/724.08'-719.08'
11-26-2019/BLDI
VOCs < RL
6-18-2020/BLDI
VOCs < RL

SJ

NOT A LEGAL SURVEY

FIGURE 7B
CROSS SECTION B-B'
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

March 2021 194688.20

TABLES

BLDI

Table 1

Maximum Concentration of Detected Hazardous Substances for Subsurface Soil Sampling

0 Ware Road

Boston Township, Michigan

Soil												
Detected Analyte	Chemical Abstract Number	Maximum Detected Concentration			Residential							
		Concentration (ug/L)	Sample Location & Depth (ft)	Sample Date	Statewide Default Protection Criteria (ug/kg)*	Residential Drinking Water Protection Criteria (ug/kg)*	Groudwater Surface Water Interface Protection Criteria (ug/kg)*	Soil Volatilization to Indoor Air Criteria (ug/kg)*	Particulate Soil Inhalation Criteria (ug/kg)*	Infinite Source Volatile Soil Inhalation Criteria (ug/kg)*	Direct Contact Criteria (ug/kg)*
Methylene Chloride	75092	**130**	MW-3S (55.0-55.5)	11/1/2019	NA	**100**	30,000 (X)	45,000	6.60E+09	2.10E+05	1.30E+06
Tetrachloroethene	127184	**1,400**	MW-6D (58.5-59.0)	10/29/2019	NA	**100**	**1,200 (X)**	11,000	2.70E+09	1.70E+05	2.00E+05 (C)
Trichloroethene	79016	**77**	MW-6D (58.5-59.0)	10/29/2019	NA	100	4,000 (X)	1,000	1.30E+08	11,000	1.10E+05 (DD)

Note: Table only includes the maximum concentration of each detected analyte; please refer to the laboratory analytical report for the full list of analytes

Bolded and shaded values indicate that criteria is exceeded.

NA - Not Applicable

(C) - Value presented is a screening level based on the chemical -specific generic soil saturation concentration (Csat) since the calculated risk-based criterion in greater than Csat

(DD) - Hazardous substance causes developmental effects. Nonresidential direct contact criteria are protective for a pregnant adult receptor.

(X) - The GSI criterion shown is not protective of surface water used as a drinking water source

* EGLE Cleanup Criteria Requirment for Response Activity, 2018

Table 2

Maximum Concentration of Detected Hazardous Substances for Groundwater Sampling
0 Ware Road
Boston Township, Michigan

Groundwater							
Analyte	**CAS Number**	**Maximum Concentration (ug/L)**	**Location and Depth of Maximum Concentration**	**Date Collected**	**Residential Drinking Water Protection Criteria (ug/L)***	**Groundwater Surface Water Interface Criteria (ug/L)***	**Residential Groundwater Volatilization to Indoor Air Criteria (ug/L)***
Benzene	71432	**2.1**	MW-3DD (82-87)	3/30/2021	5.0 (A)	200 (X)	5,600
Carbon Tetrachloride	56235	**3.1**	MW-6S (76.5-81.5)	11/27/2019	5.0 (A)	38 (X)	370
1,2-Dichloroethane	107062	**1.1**	MW-2 (74.23-77.23)	6/14/2019	5.0 (A)	360 (X)	9,600
cis-1,2-Dichloroethylene	156592	**1.3**	MW-3DD (82-87)	3/30/2021	70 (A)	70 (A)	93,000
Tetrachloroethene	127184	**18**	MW-6S (76.5-81.5)	11/27/2019	**5.0 (A)**	60 (X)	25,000
1,1,1-Trichloroethane	71556	**4.7**	MW-6S (76.5-81.5)	11/27/2019	200 (A)	89	660,000
Vinyl Chloride	75014	**3.3**	MW-3DD (82-87)	3/30/2021	**2.0 (A)**	13 (X)	1,100

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded values indicate that criteria is exceeded.

(A) Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005

(X) - The GSI criterion shown is not protective of surface water used as a drinking water source

* EGLE Cleanup Criteria Requirment for Response Activity, 2018

TABLE 3
Summary of Laboratory Analytical Results for Soil Samples
0 Ware Road
Boston Township, Michigan

Sample ID	MW-1S (5-5.5)		MW-1S (15-15.5)		MW-1S (25-25.5)		MW-1S (35-35.5)		MW-1DD (39.5-40)		MW-2D (5-5.5)		MW-2D (15-15.5)		MW-2D (25-25.5)		MW-2D (34.5-35)		MW-2D (45-45.5)	
Sample Depth (feet BGS)	5.0 - 5.5		15.0 - 15.5		25.0 - 25.5		35.0 - 35.5		39.5 - 40.0		5.0 - 5.5		15.0 - 15.5		25.0 - 25.5		34.5 - 35.0		45.0 - 45.5	
Date Collected	10-28-19		10-28-19		10-28-19		10-28-19		11-09-20		10-30-19		10-30-19		10-30-19		10-30-19		10-30-19	
Collected By:	BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI	
Collection Method*	HS		HS		HS		HS		HS		HS		HS		HS		HS		HS	
VOLATILES																				
Date Analyzed	10-30-19		10-30-19		10-30-19		10-31-19		11-12-20		11-05-19		11-05-19		11-05-19		11-05-19		11-2-19 & 11-5-19	
Analytical Method No.	EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D	
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methylene Chloride	< 100	100	< 100	100	< 100	100	< 110	110	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
Tetrachloroethene	< 50	50	< 50	50	< 50	50	< 53	53	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
Trichloroethene	< 50	50	< 50	50	< 50	50	< 53	53	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

TABLE 3
Summary of Laboratory Analytical Results for Soil Samples
0 Ware Road
Boston Township, Michigan

Sample ID	**MW-2D (50-50.5)**		**MW-2D (60-60.5)**		**MW-3S (5-5.5)**		**MW-3S (15-15.5)**		**MW-3S (25-25.5)**		**MW-3S (35-35.5)**		**MW-3S (45-45.5)**		**MW-3S (55-55.5)**		**MW-3DD (69.5-70)**		**MW-4 (5-5.5)**	
Sample Depth (feet BGS)	50.0 - 50.5		60.0 - 60.5		5.0 - 5.5		15.0 - 15.5		25.0 - 25.5		35.0 - 35.5		45.0 - 45.5		55.0 - 55.5		69.5 - 70.0		5.0 - 5.5	
Date Collected	10-30-19		10-31-19		11-01-19		11-01-19		11-01-19		11-01-19		11-01-19		11-01-19		11-06-20		10-28-19	
Collected By:	BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI	
Collection Method*	HS		HS		HS		HS		HS		HS		HS		HS		HS		HS	
VOLATILES																				
Date Analyzed	11-2-19 & 11-5-19		11-2-19 & 11-5-19		11-06-19		11-06-19		11-06-19		11-06-19		11-06-19		11-06-19		11-11-20		10-31-19	
Analytical Method No.	EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D	
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methylene Chloride	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	**130**	100	< 100	100	< 140	140
Tetrachloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 71	71
Trichloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 71	71

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

TABLE 3
Summary of Laboratory Analytical Results for Soil Samples
0 Ware Road
Boston Township, Michigan

Sample ID	MW-4 (15-15.5)		MW-4 (25-25.5)		MW-4 (35-35.5)		MW-4 (45-45.5)		MW-4 (55-55.5)		MW-4 (65-65.5)		MW-4 (74-74.5)		MW-5D (5-5.5)		MW-5D (15-15.5)		MW-5D (25-25.5)	
Sample Depth (feet BGS)	15.0 - 15.5		25.0 - 25.5		35.0 - 35.5		45.0 - 45.5		55.0 - 55.5		65.0 - 65.5		74.0 - 74.5		5.0 - 5.5		15.0 - 15.5		25.0 - 25.5	
Date Collected	10-28-19		10-28-19		10-28-19		10-28-19		10-28-19		10-28-19		10-28-19		10-31-19		10-31-19		10-31-19	
Collected By:	BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI	
Collection Method*	HS		HS		HS		HS		HS		HS		HS		HS		HS		HS	
VOLATILES																				
Date Analyzed	10-31-19		10-31-19		10-31-19		10-31-19		10-31-19		10-31-19		10-31-19		11-06-19		11-06-19		11-06-19	
Analytical Method No.	EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D	
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methylene Chloride	< 110	110	< 120	120	< 120	120	< 120	120	< 130	130	< 120	120	< 130	130	< 100	100	< 100	100	< 100	100
Tetrachloroethene	< 57	57	< 58	58	< 61	61	< 61	61	< 66	66	< 58	58	< 65	65	< 50	50	< 50	50	< 50	50
Trichloroethene	< 57	57	< 58	58	< 61	61	< 61	61	< 66	66	< 58	58	< 65	65	< 50	50	< 50	50	< 50	50

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

TABLE 3
Summary of Laboratory Analytical Results for Soil Samples
0 Ware Road
Boston Township, Michigan

Sample ID	MW-5D (35-35.5)		MW-5D (45-45.5)		MW-5D (55-55.5)		MW-5DD (63-63.5)		MW-6D (5-5.5)		MW-6D (9-9.5)		MW-6D (18.5-19)		MW-6D (30-30.5)		MW-6D (38.5-39)		MW-6D (50-50.5)	
Sample Depth (feet BGS)	35.0 - 35.5		45.0 - 45.5		55.0 - 55.5		63.0 - 63.5		5.0 - 5.5		9.0 - 9.5		18.5 - 19.0		30.0 - 30.5		38.5 - 39.0		50.0 - 50.5	
Date Collected	10-31-19		10-31-19		10-31-19		11-06-20		10-29-19		10-29-19		10-29-19		10-29-19		10-29-19		10-29-19	
Collected By:	BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI	
Collection Method*	HS		HS		HS		HS		HS		HS		HS		HS		HS		HS	
VOLATILES																				
Date Analyzed	11-06-19		11-06-19		11-06-19		11-11-20		11-05-19		11-05-19		11-05-19		11-05-19		11-05-19		11-05-19	
Analytical Method No.	EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D	
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methylene Chloride	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
Tetrachloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	**160**	50	< 50	50	< 50	50	**580**	50	< 50	50
Trichloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50

Bolded and shaded exceed applicable criteria

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NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

TABLE 3
Summary of Laboratory Analytical Results for Soil Samples
0 Ware Road
Boston Township, Michigan

Sample ID	**MW-6D (58.5-59)**		**MW-6D (70-70.5)**		**MW-6D (80-80.5)**		**MW-7D (4.5-5)**		**MW-7D (14.5-15)**		**MW-7D (34.5-35)**		**MW-7D (39-39.5)**		**MW-7D (44.5-45)**		**MW-7D (53.5-54)**		**MW-7D (64.5-65)**	
Sample Depth (feet BGS)	58.5 - 59.0		70.0 - 70.5		80.0 - 80.5		4.5 - 5.0		14.5 - 15.0		34.5 - 35.0		39.0 - 39.5		44.5 - 45.0		53.5 - 54.0		64.5 - 65.0	
Date Collected	10-29-19		10-29-19		10-29-19		11-04-20		11-04-20		11-04-20		11-04-20		11-04-20		11-04-20		11-04-20	
Collected By:	BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI	
Collection Method*	HS		HS		HS		HS		HS		HS		HS		HS		HS		HS	
VOLATILES																				
Date Analyzed	11-05-19		11-05-19		11-05-19		11-09-20		11-09-20		11-09-20		11-09-20		11-09-20		11-09-20		11-09-20	
Analytical Method No.	EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D	
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methylene Chloride	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
Tetrachloroethene	**1,400**	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
Trichloroethene	**77**	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

TABLE 3
Summary of Laboratory Analytical Results for Soil Samples
0 Ware Road
Boston Township, Michigan

Sample ID	**MW-18D (4.5-5)**		**MW-18D (14.5-15)**		**MW-18D (24-24.5)**		**MW-18D (34.5-35)**		**MW-18D (44.5-45)**											
Sample Depth (feet BGS)	4.5 - 5.0		14.5 - 15.0		24.0 - 24.5		34.5 - 35.0		44.5 - 45.0											
Date Collected	11-05-20		11-05-20		11-05-20		11-05-20		11-05-20											
Collected By:	BLDI		BLDI		BLDI		BLDI		BLDI											
Collection Method*	HS		HS		HS		HS		HS											
VOLATILES																				
Date Analyzed	11-10-20		11-10-20		11-10-20		11-10-20		11-10-20											
Analytical Method No.	EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D		EPA 5035A/EPA 8260D											
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL										
Methylene Chloride	< 120	120	< 100	100	< 100	100	< 110	110	< 140	140										
Tetrachloroethene	< 59	59	< 51	51	< 53	53	< 54	54	< 69	69										
Trichloroethene	< 59	59	< 51	51	< 53	53	< 54	54	< 69	69										

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-1**		**MW-1**					
Sample Depth (feet BGS)	60.33 - 65.33		60.33 - 65.33					
Date Collected	06-14-19		06-18-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	06-18-19		06-29-20					
Analytical Method No.	EPA 5030C/EPA 8260B		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	< 1.0	1.0	< 1.0	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	**8.4**	1.0	**8.0**	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-1S**		**MW-1S**					
Sample Depth (feet BGS)	37 - 42		37 - 42					
Date Collected	11-26-19		06-18-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-07-19		06-29-20					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	< 1.0	1.0	< 1.0	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	**1.1**	1.0	< 1.0	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-1DD**							
Sample Depth (feet BGS)	80 - 85							
Date Collected	12-21-20							
Collected By:	BLDI							
Collection Method*	SP, LF							
VOLATILES								
Date Analyzed	12-29-20							
Analytical Method No.	EPA 5030C/EPA 8260D							
CONSTITUENT (ug/kg)	Conc	RL						
Benzene	< 1.0	1.0						
Carbon Tetrachloride	< 1.0	1.0						
1,2-Dichloroethane	< 1.0	1.0						
cis-1,2-Dichloroethylene	< 1.0	1.0						
Tetrachloroethene	< 1.0	1.0						
1,1,1-Trichloroethane	< 1.0	1.0						
Vinyl Chloride	< 1.0	1.0						

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-2S**		**MW-2S**					
Sample Depth (feet BGS)	62.5 - 67.5		62.5 - 67.5					
Date Collected	12-17-19		06-18-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-20-19		06-25-20					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	< 1.0	1.0	< 1.0	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	< 1.0	1.0	< 1.0	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-2D**		**MW-2D**					
Sample Depth (feet BGS)	72.5 - 77.5		72.5 - 77.5					
Date Collected	12-17-19		06-18-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-20-19		06-25-20					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	**2.7**	1.0	< 1.0	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	**12**	1.0	< 1.0	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-3**		**MW-3**					
Sample Depth (feet BGS)	62.23 - 67.23		62.23 - 67.23					
Date Collected	06-14-19		06-19-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	06-19-19		06-25-20					
Analytical Method No.	EPA 5030C/EPA 8260B		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	< 1.0	1.0	< 1.0	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	< 1.0	1.0	< 1.0	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-3S**		**MW-3S**					
Sample Depth (feet BGS)	55 - 60		55 - 60					
Date Collected	11-26-19		06-19-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-07-19		06-25-20					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	< 1.0	1.0	< 1.0	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	< 1.0	1.0	< 1.0	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-3DD**		**MW-3DD**					
Sample Depth (feet BGS)	82 - 87		82 - 87					
Date Collected	12-21-20		03-30-21					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-29-20		04-03-21					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	**1.9**	1.0	**2.1**	1.0				
Carbon Tetrachloride	< 1.0	1.0	<1.0	1.0				
1,2-Dichloroethane	< 1.0	1.0	<1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	**1.3**	1.0				
Tetrachloroethene	< 1.0	1.0	<1.0	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	<1.0	1.0				
Vinyl Chloride	**2.6**	1.0	**3.3**	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-4**		**MW-4**					
Sample Depth (feet BGS)	73 - 78		73 - 78					
Date Collected	11-26-19		06-19-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-07-19		06-25-20					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	< 1.0	1.0	**1.6**	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	**13**	1.0	**13**	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-5S**		**MW-5S**					
Sample Depth (feet BGS)	57 - 62		57 - 62					
Date Collected	11-26-19		06-18-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-07-19		06-25-20					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	< 1.0	1.0	< 1.0	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	< 1.0	1.0	< 1.0	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-5D**		**MW-5D**					
Sample Depth (feet BGS)	67 - 72		67 - 72					
Date Collected	11-26-19		06-18-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-7-19 & 12-8-19		06-25-20					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	**2.1**	1.0	**1.7**	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	**9.0**	1.0	**7.1**	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-5DD**							
Sample Depth (feet BGS)	87 - 92							
Date Collected	12-21-20							
Collected By:	BLDI							
Collection Method*	SP, LF							
VOLATILES								
Date Analyzed	12-29-20							
Analytical Method No.	EPA 5030C/EPA 8260D							
CONSTITUENT (ug/kg)	Conc	RL						
Benzene	< 1.0	1.0						
Carbon Tetrachloride	< 1.0	1.0						
1,2-Dichloroethane	< 1.0	1.0						
cis-1,2-Dichloroethylene	< 1.0	1.0						
Tetrachloroethene	< 1.0	1.0						
1,1,1-Trichloroethane	< 1.0	1.0						
Vinyl Chloride	< 1.0	1.0						

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-6S**		**MW-6S**					
Sample Depth (feet BGS)	76.5 - 81.5		76.5 - 81.5					
Date Collected	11-27-19		06-19-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-08-19		06-26-20					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	**3.1**	1.0	**2.7**	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	**18**	1.0	**16**	1.0				
1,1,1-Trichloroethane	**4.7**	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-6D**		**MW-6D DUP**		**MW-6D**			
Sample Depth (feet BGS)	86.5 - 91.5		86.5 - 91.5		86.5 - 91.5			
Date Collected	11-27-19		11-27-19		06-19-20			
Collected By:	BLDI		BLDI		BLDI			
Collection Method*	SP, LF		SP, LF		SP, LF			
VOLATILES								
Date Analyzed	12-7-19 & 12-8-19		12-7-19 & 12-8-19		06-26-20			
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D			
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL		
Benzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0		
Carbon Tetrachloride	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0		
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0		
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0		
Tetrachloroethene	**2.1**	1.0	**2.4**	1.0	**1.1**	1.0		
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0		
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0		

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-7S**							
Sample Depth (feet BGS)	70 - 75							
Date Collected	12-22-20							
Collected By:	BLDI							
Collection Method*	SP, LF							
VOLATILES								
Date Analyzed	12-29-20							
Analytical Method No.	EPA 5030C/EPA 8260D							
CONSTITUENT (ug/kg)	Conc	RL						
Benzene	< 1.0	1.0						
Carbon Tetrachloride	< 1.0	1.0						
1,2-Dichloroethane	< 1.0	1.0						
cis-1,2-Dichloroethylene	< 1.0	1.0						
Tetrachloroethene	**1.8**	1.0						
1,1,1-Trichloroethane	< 1.0	1.0						
Vinyl Chloride	< 1.0	1.0						

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-7D**		**MW-7D DUP**					
Sample Depth (feet BGS)	90 - 95		90 - 95					
Date Collected	12-22-20		12-22-20					
Collected By:	BLDI		BLDI					
Collection Method*	SP, LF		SP, LF					
VOLATILES								
Date Analyzed	12-29-20		12-29-20					
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D					
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL				
Benzene	< 1.0	1.0	< 1.0	1.0				
Carbon Tetrachloride	< 1.0	1.0	< 1.0	1.0				
1,2-Dichloroethane	< 1.0	1.0	< 1.0	1.0				
cis-1,2-Dichloroethylene	< 1.0	1.0	< 1.0	1.0				
Tetrachloroethene	< 1.0	1.0	< 1.0	1.0				
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0				
Vinyl Chloride	< 1.0	1.0	< 1.0	1.0				

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER
FACILITY NAME: Lowell Landfill
FACILITY ID NO.: 34000010

Sample ID	**MW-18D**							
Sample Depth (feet BGS)	70 - 75							
Date Collected	12-21-20							
Collected By:	BLDI							
Collection Method*	SP, LF							
VOLATILES								
Date Analyzed	12-29-20							
Analytical Method No.	EPA 5030C/EPA 8260D							
CONSTITUENT (ug/kg)	Conc	RL						
Benzene	< 1.0	1.0						
Carbon Tetrachloride	< 1.0	1.0						
1,2-Dichloroethane	< 1.0	1.0						
cis-1,2-Dichloroethylene	< 1.0	1.0						
Tetrachloroethene	< 1.0	1.0						
1,1,1-Trichloroethane	< 1.0	1.0						
Vinyl Chloride	< 1.0	1.0						

Note: Table only includes detected analytes; please refer to the laboratory analytical report for the full list of analytes.

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

Table 5
Groundwater Elevation Data
0 Ware Road
Boston Township, Michigan

Monitoring Well I.D.	Ground Elevation (ft.)	T.O.C. Elevation (ft.)	Screened Interval (ft. bgs)	Depth to T.O.S. TOS (ft. bgs)	Elevation of T.O.S (ft)	November 4, 2020		December 21, 2020	
						Depth Below T.O.C. (ft.)	Groundwater Elevation (ft.)	Depth Below T.O.C. (ft.)	Groundwater Elevation (ft.)
MW-1S	791.71	795.32	37- 42	37.00	754.71	38.94	756.38	39.29	756.03
MW-1	791.90	795.24	62.33 - 65.33*	62.33	729.57	38.96	756.28	39.23	756.01
MW-1DD	792.40	795.53	80 - 85	---	---	---	---	40.67	754.86
MW-2	791.70	792.72	74.23 - 77.23*	74.23	717.47	---	---	65.71	727.01
MW-2S	792.29	795.43	62.5 - 67.5	62.50	729.79	63.99	731.44	64.41	731.02
MW-2D	792.27	795.46	72.5 - 77.5	72.50	719.77	67.95	727.51	68.48	726.98
MW-3S	794.58	796.59	55 - 60	55.00	739.58	59.52	737.07	60.15	736.44
MW-3	795.20	796.23	64.23 - 67.23*	64.23	730.97	58.14	738.09	58.75	737.48
MW-3DD	793.09	796.43	82 - 87	---	---	---	---	69.78	726.65
MW-4	827.70	831.38	73 - 78	73.00	754.70	75.94	755.44	76.47	754.91
MW-5S	781.08	784.14	57 - 62	57.00	724.08	58.26	725.88	57.27	726.87
MW-5D	780.72	783.97	67 - 72	67.00	713.72	58.32	725.65	58.90	725.07
MW-5DD	781.50	785.05	87 - 92	---	---	---	---	58.10	726.95
MW-6S	827.81	831.05	76.5 - 81.5	76.50	751.31	77.58	753.47	78.00	753.05
MW-6D	827.73	830.80	86.5 - 91.5	86.50	741.23	77.33	753.47	77.77	753.03
MW-7S	825.61	829.03	70 - 75	---	---	---	---	73.36	755.67
MW-7D	826.90	830.36	90 - 95	---	---	---	---	74.18	756.18
MW-18D	798.99	802.34	70 - 75	---	---	---	---	50.30	752.04

*Source: April 1987 EIS - Hydrogeological Study Report

NS - Not Surveyed

APPENDIX A

Laboratory Analytical Report

BLDI

Fibertec
environmental
services

Tuesday, November 10, 2020

Fibertec Project Number: 98837
Project Identification: 194688 /194688
Submittal Date: 11/05/2020

Ms. Renee Pewitt
BLDI, Inc.
150 Fountain Street NE
Grand Rapids, MI 49503

Dear Ms. Pewitt,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

By Sue Ricketts at 2:14 PM, Nov 10, 2020

For Daryl P. Strandbergh
Laboratory Director

Enclosures

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (4.5-5)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:13**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98837-001** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-7D (4.5-5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**5**		%	1	1.0	11/06/20	MC201106	11/09/20	MC201106	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (4.5-5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 2. Acrylonitrile	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
3. Benzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
4. Bromobenzene	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
8. Bromomethane	U	V+	µg/kg	200	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
9. 2-Butanone	U	V+	µg/kg	750	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
10. n-Butylbenzene	U	V+	µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
16. Chloroethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
26. Dichlorodifluoromethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
29. 1,1-Dichloroethene	U	V+	µg/kg	53	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (4.5-5)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:13**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (4.5-5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
32. 1,2-Dichloropropane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
37. 2-Hexanone	U	V+	µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
42. MTBE	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
45. Styrene	U		µg/kg	53	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	53	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
49. Toluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
59. Vinyl Chloride	U	V+	µg/kg	40	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (14.5-15)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:29**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98837-002** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-7D (14.5-15)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**2**		%	1	1.0	11/06/20	MC201106	11/09/20	MC201106	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-002A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (14.5-15)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 2. Acrylonitrile	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
3. Benzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
4. Bromobenzene	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
8. Bromomethane	U	V+	µg/kg	200	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
9. 2-Butanone	U	V+	µg/kg	750	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
10. n-Butylbenzene	U	V+	µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
16. Chloroethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
26. Dichlorodifluoromethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
29. 1,1-Dichloroethene	U	V+	µg/kg	54	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (14.5-15)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:29**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-002A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (14.5-15)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
32. 1,2-Dichloropropane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
37. 2-Hexanone	U	V+	µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
42. MTBE	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
45. Styrene	U		µg/kg	54	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	54	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
49. Toluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
59. Vinyl Chloride	U	V+	µg/kg	40	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (34.5-35)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:04**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98837-004** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-7D (34.5-35)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**3**		%	1	1.0	11/06/20	MC201106	11/09/20	MC201106	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-004A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (34.5-35)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 2. Acrylonitrile	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
3. Benzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
8. Bromomethane	U	V+	µg/kg	200	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
9. 2-Butanone	U	V+	µg/kg	750	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
10. n-Butylbenzene	U	V+	µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
16. Chloroethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
26. Dichlorodifluoromethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
29. 1,1-Dichloroethene	U	V+	µg/kg	52	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (34.5-35)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:04**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-004A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (34.5-35)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
32. 1,2-Dichloropropane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
37. 2-Hexanone	U	V+	µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
42. MTBE	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
45. Styrene	U		µg/kg	52	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	52	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
49. Toluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
59. Vinyl Chloride	U	V+	µg/kg	40	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (39-39.5)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:16**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98837-005** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-7D (39-39.5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**3**		%	1	1.0	11/06/20	MC201106	11/09/20	MC201106	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-005A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (39-39.5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 2. Acrylonitrile	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
3. Benzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
8. Bromomethane	U	V+	µg/kg	200	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
9. 2-Butanone	U	V+	µg/kg	750	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
10. n-Butylbenzene	U	V+	µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
16. Chloroethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
26. Dichlorodifluoromethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
29. 1,1-Dichloroethene	U	V+	µg/kg	51	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (39-39.5)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:16**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-005A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (39-39.5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
32. 1,2-Dichloropropane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
37. 2-Hexanone	U	V+	µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
42. MTBE	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
45. Styrene	U		µg/kg	51	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	51	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
49. Toluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
59. Vinyl Chloride	U	V+	µg/kg	40	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (44.5-45)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:24**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98837-006** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-7D (44.5-45)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**6**		%	1	1.0	11/06/20	MC201106	11/09/20	MC201106	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-006A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (44.5-45)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 2. Acrylonitrile	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
3. Benzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
4. Bromobenzene	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
8. Bromomethane	U	V+	µg/kg	200	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
9. 2-Butanone	U	V+	µg/kg	750	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
10. n-Butylbenzene	U	V+	µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
16. Chloroethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
26. Dichlorodifluoromethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
29. 1,1-Dichloroethene	U	V+	µg/kg	55	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (44.5-45)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:24**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-006A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (44.5-45)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
32. 1,2-Dichloropropane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
37. 2-Hexanone	U	V+	µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
42. MTBE	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
45. Styrene	U		µg/kg	55	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	55	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
49. Toluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
59. Vinyl Chloride	U	V+	µg/kg	40	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (53.5-54)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:49**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98837-007** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-7D (53.5-54)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**6**		%	1	1.0	11/06/20	MC201106	11/09/20	MC201106	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-007A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (53.5-54)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 2. Acrylonitrile	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
3. Benzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
4. Bromobenzene	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
8. Bromomethane	U	V+	µg/kg	200	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
9. 2-Butanone	U	V+	µg/kg	750	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
10. n-Butylbenzene	U	V+	µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
16. Chloroethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
26. Dichlorodifluoromethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
29. 1,1-Dichloroethene	U	V+	µg/kg	56	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (53.5-54)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:49**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-007A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (53.5-54)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
32. 1,2-Dichloropropane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
37. 2-Hexanone	U	V+	µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
42. MTBE	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
45. Styrene	U		µg/kg	56	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	56	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
49. Toluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
59. Vinyl Chloride	U	V+	µg/kg	40	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (64.5-65)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:15**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98837-008** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-7D (64.5-65)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**5**		%	1	1.0	11/06/20	MC201106	11/09/20	MC201106	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-008A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (64.5-65)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 2. Acrylonitrile	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
3. Benzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
4. Bromobenzene	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
8. Bromomethane	U	V+	µg/kg	200	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
9. 2-Butanone	U	V+	µg/kg	750	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
10. n-Butylbenzene	U	V+	µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
16. Chloroethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
26. Dichlorodifluoromethane	U	V+	µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
29. 1,1-Dichloroethene	U	V+	µg/kg	54	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D (64.5-65)**	Chain of Custody:	**188412**
Client Project Name:	**194688**	Sample No:		Collect Date:	**11/04/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:15**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98837-008A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-7D (64.5-65)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
32. 1,2-Dichloropropane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
37. 2-Hexanone	U	V+	µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
42. MTBE	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
45. Styrene	U		µg/kg	54	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	54	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
49. Toluene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	110	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
59. Vinyl Chloride	U	V+	µg/kg	40	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/09/20	VI20K09A	11/09/20	VI20K09A	KCM

Definitions/ Qualifiers:

A: Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QC limits

Exception Summary:

V+ : Recovery in the associated continuing calibration verification sample (CCV) exceeds the upper control limit. Results may be biased high.

Analysis Locations:

All analyses performed in Holt.

Accreditation Number(s):

T104704518-19-8 (TX)

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
Cadillac, MI 49601
Phone: 231 775 8368
Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0382
email: asbestos@fibertecihs.com

Geoprobe
11766 E. Grand River Rd.
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody #
188412
PAGE 1 of 2

Client Name: BLDI
Contact Person: Renée Pewitt
Project Name/ Number: 194688
Email distribution list: rpewitt@bldi.com chughey@bldi.com amitraw@bldi.com
Quote#
Purchase Order#

Date	Time	Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	VOCs	HOLD SAMPLE
11/4/20	10:13		MW-7D (4.5-5)	S	2	X	
	10:29		MW-7D (14.5-15)				
	10:46		MW-7D (24.5-25)				X
	11:04		MW-7D (34.5-35)				
	11:16		MW-7D (39-39.5)				
	11:24		MW-7D (44.5-45)				
	11:49		MW-7D (53.5-54)				
	12:15		MW-7D (64.5-65)				
	12:50		MW-7D (74.5-75)				X
	13:46		MW-7D (84.5-85)				X

PARAMETERS

Matrix Code

S	Soil	GW	Ground Water
A	Air	SW	Surface Water
O	Oil	WW	Waste Water
P	Wipe	X	Other: Specify

Deliverables
- Level 2
- Level 3
- Level 4
- EDD

Remarks:

Received By Lab
NOV 05 2020
Initials: I

Comments:

Sampled/Relinquished By:	Date/ Time 11/4/20 5:20 pm	Received By: Leslie Frisch
Relinquished By:	Date/ Time 11-5-20 1055 ~~1040am~~	Received By: JS 11/5/20
Relinquished By:	Date/ Time 11/5/20 1540	Received By Laboratory:

Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY

_____1 bus. day _____2 bus. days _____3 bus. days X 4 bus. days

_____5-7 bus. days (standard) Other (specify time/date requirement): _____

LAB USE ONLY

Fibertec project number: 98837
Temperature upon receipt at Lab: 3.4°C

Received On Ice

Please see back for terms and conditions

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
Cadillac, MI 49601
Phone: 231 775 8368
Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0382
email: asbestos@fibertecihs.com

Geoprobe
11766 E. Grand River Rd.
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # 188413
PAGE 2 of 2

RyP

Client Name: BLDE, Inc.
Contact Person: Renée Pawitt
Project Name/ Number: 194688
Email distribution list: rpawitt@bldi.com chughey@bldi.com smikowe@bldi.com
Quote#
Purchase Order#

Date	Time	Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PARAMETERS: VOCs	HOLD SAMPLE
11/4/20	14:28		MW-7D (94.5-95)	S	2		X

Matrix Code: S Soil; A Air; O Oil; P Wipe; GW Ground Water; SW Surface Water; WW Waste Water; X Other: Specify

Deliverables: Level 2; Level 3; Level 4; EDD

Remarks:

Received By Lab
NOV 05 2020
Initials: CE

Comments:

	Date/ Time	Received By:
Sampled/Relinquished By:	11/4/20 5:20pm	Leslie Finch
Relinquished By:	11-5-20 10:55 ~~3:10 pm~~	Received By: 55 11/5/20
Relinquished By:	11-5-20 1540	Received By Laboratory:

Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY

_____1 bus. day _____2 bus. days _____3 bus. days X 4 bus. days

_____5-7 bus. days (standard) Other (specify time/date requirement): _____

LAB USE ONLY

Fibertec project number: 98837
Temperature upon receipt at Lab: 3.4°C

Received On Ice

Please see back for terms and conditions

Fibertec
environmental
services

Wednesday, November 11, 2020

Fibertec Project Number:	98886
Project Identification:	Lowell Landfill (194688) /194688
Submittal Date:	11/06/2020

Ms. Renee Pewitt
BLDI, Inc.
150 Fountain Street NE
Grand Rapids, MI 49503

Dear Ms. Pewitt,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

By Jacob Sutherlund at 4:38 PM, Nov 11, 2020

For Daryl P. Strandbergh
Laboratory Director

Enclosures

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (4.5-5)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:25**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98886-001** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-18D (4.5-5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**6**		%	1	1.0	11/09/20	MC201109	11/10/20	MC201109	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (4.5-5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 2. Acrylonitrile	U		µg/kg	120	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
3. Benzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
7. Bromoform	U		µg/kg	120	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
8. Bromomethane	U		µg/kg	200	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
9. 2-Butanone	U		µg/kg	750	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
10. n-Butylbenzene	U	V+	µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
11. sec-Butylbenzene	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
12. tert-Butylbenzene	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
13. Carbon Disulfide	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
16. Chloroethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
21. Dibromochloromethane	U		µg/kg	120	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
26. Dichlorodifluoromethane	U		µg/kg	290	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
27. 1,1-Dichloroethane	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
28. 1,2-Dichloroethane	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
29. 1,1-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (4.5-5)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:25**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (4.5-5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
32. 1,2-Dichloropropane	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
37. 2-Hexanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
40. Methylene Chloride	U		µg/kg	120	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 41. 2-Methylnaphthalene	U	L+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
42. MTBE	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
43. Naphthalene	U	V+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
45. Styrene	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
48. Tetrachloroethene	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
49. Toluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
53. Trichloroethene	U		µg/kg	59	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	120	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
59. Vinyl Chloride	U		µg/kg	40	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Surrogate Summary			Control Limits	Batch
4-Bromofluorobenzene(S)	**96**	%	76-127	VJ20K10A
Dibromofluoromethane(S)	**110**	%	76-126	VJ20K10A
1,2-Dichloroethane-d4(S)	**97**	%	75-120	VJ20K10A
Toluene-d8(S)	**104**	%	80-120	VJ20K10A

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (14.5-15)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:39**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98886-002** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-18D (14.5-15)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**3**		%	1	1.0	11/09/20	MC201109	11/10/20	MC201109	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-002A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (14.5-15)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 2. Acrylonitrile	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
3. Benzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
8. Bromomethane	U		µg/kg	200	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
9. 2-Butanone	U		µg/kg	750	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
10. n-Butylbenzene	U	V+	µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
11. sec-Butylbenzene	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
12. tert-Butylbenzene	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
13. Carbon Disulfide	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
16. Chloroethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
26. Dichlorodifluoromethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
27. 1,1-Dichloroethane	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
28. 1,2-Dichloroethane	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
29. 1,1-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (14.5-15)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:39**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-002A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (14.5-15)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
32. 1,2-Dichloropropane	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
37. 2-Hexanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 41. 2-Methylnaphthalene	U	L+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
42. MTBE	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
43. Naphthalene	U	V+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
45. Styrene	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
48. Tetrachloroethene	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
49. Toluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
53. Trichloroethene	U		µg/kg	51	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
59. Vinyl Chloride	U		µg/kg	40	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Surrogate Summary			Control Limits	Batch
4-Bromofluorobenzene(S)	**98**	%	76-127	VJ20K10A
Dibromofluoromethane(S)	**109**	%	76-126	VJ20K10A
1,2-Dichloroethane-d4(S)	**97**	%	75-120	VJ20K10A
Toluene-d8(S)	**104**	%	80-120	VJ20K10A

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (24-24.5)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:52**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98886-003** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-18D (24-24.5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**5**		%	1	1.0	11/09/20	MC201109	11/10/20	MC201109	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-003A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (24-24.5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 2. Acrylonitrile	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
3. Benzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
7. Bromoform	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
8. Bromomethane	U		µg/kg	200	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
9. 2-Butanone	U		µg/kg	750	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
10. n-Butylbenzene	U	V+	µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
11. sec-Butylbenzene	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
12. tert-Butylbenzene	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
13. Carbon Disulfide	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
16. Chloroethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
21. Dibromochloromethane	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
26. Dichlorodifluoromethane	U		µg/kg	260	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
27. 1,1-Dichloroethane	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
28. 1,2-Dichloroethane	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
29. 1,1-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (24-24.5)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:52**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-003A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (24-24.5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
32. 1,2-Dichloropropane	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
37. 2-Hexanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
40. Methylene Chloride	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 41. 2-Methylnaphthalene	U	L+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
42. MTBE	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
43. Naphthalene	U	V+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
45. Styrene	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
48. Tetrachloroethene	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
49. Toluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
53. Trichloroethene	U		µg/kg	53	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
59. Vinyl Chloride	U		µg/kg	40	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Surrogate Summary			Control Limits	Batch
4-Bromofluorobenzene(S)	**97**	%	76-127	VJ20K10A
Dibromofluoromethane(S)	**112**	%	76-126	VJ20K10A
1,2-Dichloroethane-d4(S)	**98**	%	75-120	VJ20K10A
Toluene-d8(S)	**104**	%	80-120	VJ20K10A

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (34.5-35)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:08**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98886-004** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-18D (34.5-35)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**5**		%	1	1.0	11/09/20	MC201109	11/10/20	MC201109	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-004A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (34.5-35)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 2. Acrylonitrile	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
3. Benzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
7. Bromoform	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
8. Bromomethane	U		µg/kg	200	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
9. 2-Butanone	U		µg/kg	750	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
10. n-Butylbenzene	U	V+	µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
11. sec-Butylbenzene	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
12. tert-Butylbenzene	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
13. Carbon Disulfide	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
16. Chloroethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
21. Dibromochloromethane	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
26. Dichlorodifluoromethane	U		µg/kg	270	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
27. 1,1-Dichloroethane	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
28. 1,2-Dichloroethane	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
29. 1,1-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (34.5-35)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:08**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-004A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (34.5-35)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
32. 1,2-Dichloropropane	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
37. 2-Hexanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
40. Methylene Chloride	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 41. 2-Methylnaphthalene	U	L+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
42. MTBE	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
43. Naphthalene	U	V+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
45. Styrene	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
48. Tetrachloroethene	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
49. Toluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
53. Trichloroethene	U		µg/kg	54	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	110	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
59. Vinyl Chloride	U		µg/kg	40	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Surrogate Summary			Control Limits	Batch
4-Bromofluorobenzene(S)	**98**	%	76-127	VJ20K10A
Dibromofluoromethane(S)	**112**	%	76-126	VJ20K10A
1,2-Dichloroethane-d4(S)	**98**	%	75-120	VJ20K10A
Toluene-d8(S)	**103**	%	80-120	VJ20K10A

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (44.5-45)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:27**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98886-005** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-18D (44.5-45)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**16**		%	1	1.0	11/09/20	MC201109	11/10/20	MC201109	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-005A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (44.5-45)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 2. Acrylonitrile	U		µg/kg	140	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
3. Benzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
7. Bromoform	U		µg/kg	140	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
8. Bromomethane	U		µg/kg	200	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
9. 2-Butanone	U		µg/kg	750	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
10. n-Butylbenzene	U	V+	µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
11. sec-Butylbenzene	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
12. tert-Butylbenzene	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
13. Carbon Disulfide	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
16. Chloroethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
21. Dibromochloromethane	U		µg/kg	140	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
26. Dichlorodifluoromethane	U		µg/kg	350	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
27. 1,1-Dichloroethane	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
28. 1,2-Dichloroethane	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
29. 1,1-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D (44.5-45)**	Chain of Custody:	**188421**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/05/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:27**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98886-005A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-18D (44.5-45)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
32. 1,2-Dichloropropane	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
37. 2-Hexanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
40. Methylene Chloride	U		µg/kg	140	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 41. 2-Methylnaphthalene	U	L+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
42. MTBE	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
43. Naphthalene	U	V+	µg/kg	330	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
45. Styrene	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
48. Tetrachloroethene	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
49. Toluene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
53. Trichloroethene	U		µg/kg	69	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
54. Trichlorofluoromethane	U	V+	µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	140	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
59. Vinyl Chloride	U		µg/kg	40	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/10/20	VJ20K10A	11/10/20	VJ20K10A	KCM

Surrogate Summary			Control Limits	Batch
4-Bromofluorobenzene(S)	**97**	%	76-127	VJ20K10A
Dibromofluoromethane(S)	**113**	%	76-126	VJ20K10A
1,2-Dichloroethane-d4(S)	**100**	%	75-120	VJ20K10A
Toluene-d8(S)	**105**	%	80-120	VJ20K10A

Definitions/ Qualifiers:

A: Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QC limits
D: The sample or extract was analyzed at a DF greater than 1.

Exception Summary:

L+ : Recovery in the associated laboratory sample (LCS) exceeds the upper control limit. Results may be biased high.
V+ : Recovery in the associated continuing calibration verification sample (CCV) exceeds the upper control limit. Results may be biased high.

Analysis Locations:

All analyses performed in Holt.

NELAP ACCREDITED TNI LABORATORY

Accreditation Number(s):

T104704518-19-8 (TX)

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
Cadillac, MI 49601
Phone: 231 775 8368
Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0382
email: asbestos@fibertecihs.com

Geoprobe
11766 E. Grand River Rd.
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # 188421
PAGE 1 of 1

Client Name: BLDI
Contact Person: Renee Pewitt
Project Name/ Number: Lowell Landfill 194688
Email distribution list: rpewitt@bldi.com annikaw@bldi.com coryh@bldi.com
Quote#
Purchase Order#

Date	Time	Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	VOCs	HOLD SAMPLE
11/5/20	11:25		MW-18D (4.5-5)	S	2	X	
	11:39		MW-18D (14.5-15)				
	11:52		MW-18D (24-24.5)				
	12:08		MW-18D (34.5-35)				
	12:27		MW-18D (44.5-45)				
	12:45		MW-18D (54.5-55)				X
	13:21		MW-18D (64.5-65)				X
	14:48		MW-18D (74-74.5)				X

Matrix Code: S Soil; A Air; O Oil; P Wipe; GW Ground Water; SW Surface Water; WW Waste Water; X Other: Specify

Deliverables: Level 2; Level 3; Level 4; EDD

Remarks:

Received By Lab
NOV 06 2020
Initials: JS

Comments:

Sampled/Relinquished By: Kathy Whipple	Date/ Time 11/6/20 12:45	Received By: Leslie Frisch
Relinquished By:	Date/ Time 11-6-2020 1443	Received By:
Relinquished By:	Date/ Time	Received By Laboratory:

Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY

_____1 bus. day _____2 bus. days _____3 bus. days X 4 bus. days

_____5-7 bus. days (standard) Other (specify time/date requirement): _____

LAB USE ONLY

Received On Ice

Fibertec project number: 98886
Temperature upon receipt at Lab: 2.3°c

Please see back for terms and conditions

Fibertec
environmental
services

Friday, November 13, 2020

Fibertec Project Number:	98918
Project Identification:	Lowell Landfill (194688) /194688
Submittal Date:	11/09/2020

Ms. Renee Pewitt
BLDI, Inc.
150 Fountain Street NE
Grand Rapids, MI 49503

Dear Ms. Pewitt,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

Sue Ricketts

By Sue Ricketts at 10:22 AM, Nov 13, 2020

For Daryl P. Strandbergh
Laboratory Director

Enclosures

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-3DD (69.5-70)**	Chain of Custody:	**188414**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/06/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:12**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98918-001** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-3DD (69.5-70)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**20**		%	1	1.0	11/11/20	MC201111	11/12/20	MC201111	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98918-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-3DD (69.5-70)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 2. Acrylonitrile	U		µg/kg	150	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
3. Benzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
4. Bromobenzene	U		µg/kg	150	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
8. Bromomethane	U		µg/kg	200	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
9. 2-Butanone	U		µg/kg	750	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
10. n-Butylbenzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
14. Carbon Tetrachloride	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
15. Chlorobenzene	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
16. Chloroethane	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
17. Chloroform	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
26. Dichlorodifluoromethane	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
27. 1,1-Dichloroethane	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
29. 1,1-Dichloroethene	U		µg/kg	76	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-3DD (69.5-70)**	Chain of Custody:	**188414**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/06/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:12**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98918-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-3DD (69.5-70)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
32. 1,2-Dichloropropane	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
37. 2-Hexanone	U		µg/kg	2500	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	380	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
42. MTBE	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
45. Styrene	U		µg/kg	76	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	76	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
49. Toluene	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	290	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
54. Trichlorofluoromethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	150	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
59. Vinyl Chloride	U		µg/kg	53	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-5DD (63-63.5)**	Chain of Custody:	**188414**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/06/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:54**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98918-004** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-5DD (63-63.5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**18**		%	1	1.0	11/11/20	MC201111	11/12/20	MC201111	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98918-004A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-5DD (63-63.5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 2. Acrylonitrile	U		µg/kg	150	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
3. Benzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
4. Bromobenzene	U		µg/kg	150	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
8. Bromomethane	U		µg/kg	200	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
9. 2-Butanone	U		µg/kg	750	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
10. n-Butylbenzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
14. Carbon Tetrachloride	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
15. Chlorobenzene	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
16. Chloroethane	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
17. Chloroform	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
26. Dichlorodifluoromethane	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
27. 1,1-Dichloroethane	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
29. 1,1-Dichloroethene	U		µg/kg	74	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 98918
Laboratory Sample Number: 98918-004

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-5DD (63-63.5)**	Chain of Custody:	**188414**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/06/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:54**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98918-004A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-5DD (63-63.5)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
32. 1,2-Dichloropropane	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
37. 2-Hexanone	U		µg/kg	2500	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	370	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
42. MTBE	U		µg/kg	250	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
45. Styrene	U		µg/kg	74	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	74	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
49. Toluene	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	280	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
54. Trichlorofluoromethane	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	150	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
59. Vinyl Chloride	U		µg/kg	52	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/11/20	VI20K11A	11/11/20	VI20K11A	KCM

Definitions/ Qualifiers:

A: Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QC limits

Exception Summary:

V+ : Recovery in the associated continuing calibration verification sample (CCV) exceeds the upper control limit. Results may be biased high.

Analysis Locations:

All analyses performed in Holt.

Accreditation Number(s):

T104704518-19-8 (TX)

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
Cadillac, MI 49601
Phone: 231 775 8368
Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0382
email: asbestos@fibertecihs.com

Geoprobe
11766 E. Grand River Rd.
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # 188414
PAGE 1 of 1

Client Name: BLDI
Contact Person: Renee Pewitt
Project Name/ Number: Lowell Landfill 194688
Email distribution list: rpewitt@bldi.com annikaw@bldi.com corythe@bldi.com
Quote#
Purchase Order#

Date	Time	Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PARAMETERS: VOCs	HOLD SAMPLE	Remarks
11/6/20	9:12		MW-3DD (69.5-70)	S	2	X		
	9:30		MW-3DD (79.5-80)				HOLD	
	10:06		MW-3DD (86.5-87)				HOLD	
	14:54		MW-5DD (63-63.5)					
	15:39		MW-5DD (73-73.5)				HOLD	
	16:25		MW-5DD (84.5-85)				HOLD	
	16:54		MW-5DD (91.5-92)				HOLD	

Received By Lab
NOV 09 2020
Initials: CT

Matrix Code: S Soil; A Air; O Oil; P Wipe; GW Ground Water; SW Surface Water; WW Waste Water; X Other: Specify

Deliverables: Level 2; Level 3; Level 4; EDD

Comments:

Sampled/Relinquished By: [signature] 12:07	Date/Time 11/9/20 1210	Received By: [signature]
Relinquished By: [signature]	Date/Time 11-9-20 1421	Received By: [signature]
Relinquished By:	Date/Time	Received By Laboratory:

Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY

_____1 bus. day _____2 bus. days _____3 bus. days X 4 bus. days

_____5-7 bus. days (standard) Other (specify time/date requirement): _____

LAB USE ONLY

Fibertec project number: 98918
Temperature upon receipt at Lab: 1.7°C

Received On Ice

Please see back for terms and conditions

Fibertec
environmental
services

Friday, November 13, 2020

Fibertec Project Number:	98938
Project Identification:	Lowell Landfill (194688) /194688
Submittal Date:	11/10/2020

Ms. Renee Pewitt
BLDI, Inc.
150 Fountain Street NE
Grand Rapids, MI 49503

Dear Ms. Pewitt,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

Sue Ricketts

By Sue Ricketts at 2:22 PM, Nov 13, 2020

For Daryl P. Strandbergh
Laboratory Director

Enclosures

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-1DD (39.5-40)**	Chain of Custody:	**188422**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/09/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:20**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C **Aliquot ID: 98938-001** **Matrix: Soil/Solid**
Method: ASTM D2216-10 **Description: MW-1DD (39.5-40)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**19**		%	1	1.0	11/12/20	MC201112	11/13/20	MC201112	LET

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98938-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-1DD (39.5-40)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
‡ 2. Acrylonitrile	U		µg/kg	140	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
3. Benzene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
4. Bromobenzene	U		µg/kg	140	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
7. Bromoform	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
8. Bromomethane	U	V+	µg/kg	200	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
9. 2-Butanone	U	V+	µg/kg	750	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
10. n-Butylbenzene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
13. Carbon Disulfide	U	V+	µg/kg	250	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
14. Carbon Tetrachloride	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
16. Chloroethane	U		µg/kg	250	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
17. Chloroform	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
18. Chloromethane	U		µg/kg	250	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
19. 2-Chlorotoluene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
26. Dichlorodifluoromethane	U		µg/kg	250	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
28. 1,2-Dichloroethane	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
29. 1,1-Dichloroethene	U		µg/kg	71	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-1DD (39.5-40)**	Chain of Custody:	**188422**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**11/09/20**
Client Project No:	**194688**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:20**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 98938-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260D **Description: MW-1DD (39.5-40)**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
32. 1,2-Dichloropropane	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
37. 2-Hexanone	U		µg/kg	2500	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	360	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
42. MTBE	U		µg/kg	250	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
43. Naphthalene	U		µg/kg	330	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
45. Styrene	U		µg/kg	71	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	71	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
49. Toluene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	270	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
54. Trichlorofluoromethane	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	140	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
59. Vinyl Chloride	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
61. o-Xylene	U		µg/kg	50	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	11/12/20	VI20K12A	11/12/20	VI20K12A	KCM

Definitions/ Qualifiers:

A: Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QC limits

Exception Summary:

V+ : Recovery in the associated continuing calibration verification sample (CCV) exceeds the upper control limit. Results may be biased high.

Analysis Locations:

All analyses performed in Holt.

Accreditation Number(s):

T104704518-19-8 (TX)

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive, Holt, MI 48842, Phone: 517 699 0345, Fax: 517 699 0388, email: lab@fibertec.us
8660 S. Mackinaw Trail, Cadillac, MI 49601, Phone: 231 775 8368, Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive, Holt, MI 48842, Phone: 517 699 0345, Fax: 517 699 0382, email: asbestos@fibertecihs.com

Geoprobe
11766 E. Grand River Rd., Brighton, MI 48116, Phone: 810 220 3300, Fax: 810 220 3311

Chain of Custody # 188422
PAGE 1 of 1

Client Name: BLDI
Contact Person: Renee Pewitt
Project Name/ Number: Lowell Landfill 194688
Email distribution list: rpewitt@bldi.com, cory@bldi.com, annika@bldi.com
Quote#:
Purchase Order#:

Date	Time	Sample #	Client Sample Descriptor	Matrix	# of Containers	VOCs	Hold Sample
11/9/20	10:20		MW-IDD (39.5-40)	S	2	X	
↓	10:40		MW-IDD (49.5-50)	↓	↓	↓	X
↓	11:09		MW-IDD (59.5-60)	↓	↓	↓	X
↓	11:46		MW-IDD (69.5-70)	↓	↓	↓	X
↓	12:14		MW-IDD (79.5-80)	↓	↓	↓	X
↓	12:30		MW-IDD (84.5-85)	↓	↓	↓	X

Matrix Code: S Soil; A Air; O Oil; P Wipe; GW Ground Water; SW Surface Water; WW Waste Water; X Other: Specify

Deliverables: Level 2 / Level 3 / Level 4 / EDD

Remarks:

Received By Lab
NOV 10 2020
Initials: CT

Comments:

	Date/ Time	
Sampled/Relinquished By: [signature]	11/6/20 9AM	Received By: [signature] 11-10-20 @ 1143
Relinquished By: [signature]	11-10-20 1448	Received By: [signature]
Relinquished By:		Received By Laboratory:

Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY

___ 1 bus. day ___ 2 bus. days ___ 3 bus. days X 4 bus. days
___ 5-7 bus. days (standard) Other (specify time/date requirement): ___

LAB USE ONLY
Fibertec project number: 98938
Temperature upon receipt at Lab: 4.0°C
Received On Ice

Please see back for terms and conditions

Fibertec
environmental
services

Monday, January 4, 2021

Fibertec Project Number:	99664
Project Identification:	Lowell Landfill (194688) /194688
Submittal Date:	12/23/2020

Ms. Renee Pewitt
BLDI, Inc.
150 Fountain Street NE
Grand Rapids, MI 49503

Dear Ms. Pewitt,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

By Jesse Alton at 10:50 AM, Jan 04, 2021

For Daryl P. Strandbergh
Laboratory Director

Enclosures

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-1DD**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**13:40**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-001** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-1DD**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	2. Acrylonitrile	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	3. Benzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	4. Bromobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	5. Bromochloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	6. Bromodichloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	7. Bromoform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	8. Bromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	9. 2-Butanone	U		µg/L	25	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	10. n-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	11. sec-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	12. tert-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	13. Carbon Disulfide	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	14. Carbon Tetrachloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	15. Chlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	16. Chloroethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	17. Chloroform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	18. Chloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	19. 2-Chlorotoluene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	21. Dibromochloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	22. Dibromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	23. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	24. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	25. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	26. Dichlorodifluoromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	27. 1,1-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	28. 1,2-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	29. 1,1-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	30. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	31. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	32. 1,2-Dichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	33. cis-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	34. trans-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	35. Ethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	36. Ethylene Dibromide	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	37. 2-Hexanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-1DD**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**13:40**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-001** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-1DD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
39. 4-Methyl-2-pentanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
40. Methylene Chloride	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 41. 2-Methylnaphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
42. MTBE	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
43. Naphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
44. n-Propylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
45. Styrene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
46. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
47. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
48. Tetrachloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
49. Toluene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
50. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
51. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 52. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
53. Trichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
54. Trichlorofluoromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
55. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 56. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
57. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
58. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
59. Vinyl Chloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
60. m&p-Xylene	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
61. o-Xylene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 62. Xylenes	U		µg/L	3.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-3DD**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**11:14**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-002** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-3DD**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	2. Acrylonitrile	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	3. Benzene	**1.9**		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	4. Bromobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	5. Bromochloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	6. Bromodichloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	7. Bromoform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	8. Bromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	9. 2-Butanone	U		µg/L	25	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	10. n-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	11. sec-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	12. tert-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	13. Carbon Disulfide	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	14. Carbon Tetrachloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	15. Chlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	16. Chloroethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	17. Chloroform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	18. Chloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	19. 2-Chlorotoluene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	21. Dibromochloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	22. Dibromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	23. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	24. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	25. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	26. Dichlorodifluoromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	27. 1,1-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	28. 1,2-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	29. 1,1-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	30. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	31. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	32. 1,2-Dichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	33. cis-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	34. trans-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	35. Ethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	36. Ethylene Dibromide	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	37. 2-Hexanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-3DD**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**11:14**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-002** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-3DD**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
38. Isopropylbenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
39. 4-Methyl-2-pentanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
40. Methylene Chloride	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 41. 2-Methylnaphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
42. MTBE	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
43. Naphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
44. n-Propylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
45. Styrene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
46. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
47. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
48. Tetrachloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
49. Toluene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
50. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
51. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 52. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
53. Trichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
54. Trichlorofluoromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
55. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 56. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
57. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
58. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
59. Vinyl Chloride	**2.6**		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
60. m&p-Xylene	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
61. o-Xylene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 62. Xylenes	U		µg/L	3.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-5DD**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**12:00**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-003** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-5DD**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U	H	µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	2. Acrylonitrile	U	H	µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	3. Benzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	4. Bromobenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	5. Bromochloromethane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	6. Bromodichloromethane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	7. Bromoform	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	8. Bromomethane	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	9. 2-Butanone	U	H	µg/L	25	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	10. n-Butylbenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	11. sec-Butylbenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	12. tert-Butylbenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	13. Carbon Disulfide	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	14. Carbon Tetrachloride	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	15. Chlorobenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	16. Chloroethane	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	17. Chloroform	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	18. Chloromethane	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	19. 2-Chlorotoluene	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	20. 1,2-Dibromo-3-chloropropane (SIM)	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	21. Dibromochloromethane	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	22. Dibromomethane	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	23. 1,2-Dichlorobenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	24. 1,3-Dichlorobenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	25. 1,4-Dichlorobenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	26. Dichlorodifluoromethane	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	27. 1,1-Dichloroethane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	28. 1,2-Dichloroethane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	29. 1,1-Dichloroethene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	30. cis-1,2-Dichloroethene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	31. trans-1,2-Dichloroethene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	32. 1,2-Dichloropropane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	33. cis-1,3-Dichloropropene	U	H	µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	34. trans-1,3-Dichloropropene	U	H	µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	35. Ethylbenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	36. Ethylene Dibromide	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	37. 2-Hexanone	U	H	µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-5DD**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**12:00**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-003** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-5DD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
39. 4-Methyl-2-pentanone	U	H	µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
40. Methylene Chloride	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 41. 2-Methylnaphthalene	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
42. MTBE	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
43. Naphthalene	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
44. n-Propylbenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
45. Styrene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
46. 1,1,1,2-Tetrachloroethane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
47. 1,1,2,2-Tetrachloroethane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
48. Tetrachloroethene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
49. Toluene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
50. 1,2,4-Trichlorobenzene	U	H	µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
51. 1,1,1-Trichloroethane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 52. 1,1,2-Trichloroethane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
53. Trichloroethene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
54. Trichlorofluoromethane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
55. 1,2,3-Trichloropropane	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 56. 1,2,3-Trimethylbenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
57. 1,2,4-Trimethylbenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
58. 1,3,5-Trimethylbenzene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
59. Vinyl Chloride	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
60. m&p-Xylene	U	H	µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
61. o-Xylene	U	H	µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 62. Xylenes	U	H	µg/L	3.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/22/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**10:10**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-004** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-7D**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	2. Acrylonitrile	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	3. Benzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	4. Bromobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	5. Bromochloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	6. Bromodichloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	7. Bromoform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	8. Bromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	9. 2-Butanone	U		µg/L	25	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	10. n-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	11. sec-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	12. tert-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	13. Carbon Disulfide	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	14. Carbon Tetrachloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	15. Chlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	16. Chloroethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	17. Chloroform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	18. Chloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	19. 2-Chlorotoluene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	21. Dibromochloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	22. Dibromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	23. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	24. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	25. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	26. Dichlorodifluoromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	27. 1,1-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	28. 1,2-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	29. 1,1-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	30. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	31. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	32. 1,2-Dichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	33. cis-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	34. trans-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	35. Ethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	36. Ethylene Dibromide	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	37. 2-Hexanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/22/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**10:10**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-004** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-7D**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
38. Isopropylbenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
39. 4-Methyl-2-pentanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
40. Methylene Chloride	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 41. 2-Methylnaphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
42. MTBE	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
43. Naphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
44. n-Propylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
45. Styrene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
46. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
47. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
48. Tetrachloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
49. Toluene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
50. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
51. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 52. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
53. Trichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
54. Trichlorofluoromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
55. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 56. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
57. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
58. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
59. Vinyl Chloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
60. m&p-Xylene	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
61. o-Xylene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 62. Xylenes	U		µg/L	3.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D Dup**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/22/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**10:10**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-005** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-7D Dup**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
1. Acetone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 2. Acrylonitrile	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
3. Benzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
4. Bromobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
5. Bromochloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
6. Bromodichloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
7. Bromoform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
8. Bromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
9. 2-Butanone	U		µg/L	25	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
10. n-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
11. sec-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
12. tert-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
13. Carbon Disulfide	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
14. Carbon Tetrachloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
15. Chlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
16. Chloroethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
17. Chloroform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
18. Chloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
19. 2-Chlorotoluene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
21. Dibromochloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
22. Dibromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
23. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
24. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
25. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
26. Dichlorodifluoromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
27. 1,1-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
28. 1,2-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
29. 1,1-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
30. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
31. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
32. 1,2-Dichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
33. cis-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
34. trans-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
35. Ethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
36. Ethylene Dibromide	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
37. 2-Hexanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7D Dup**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/22/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**10:10**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-005** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-7D Dup**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
38. Isopropylbenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
39. 4-Methyl-2-pentanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
40. Methylene Chloride	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 41. 2-Methylnaphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
42. MTBE	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
43. Naphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
44. n-Propylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
45. Styrene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
46. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
47. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
48. Tetrachloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
49. Toluene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
50. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
51. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 52. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
53. Trichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
54. Trichlorofluoromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
55. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 56. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
57. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
58. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
59. Vinyl Chloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
60. m&p-Xylene	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
61. o-Xylene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 62. Xylenes	U		µg/L	3.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7S**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/22/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**11:05**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-006** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-7S**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	2. Acrylonitrile	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	3. Benzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	4. Bromobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	5. Bromochloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	6. Bromodichloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	7. Bromoform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	8. Bromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	9. 2-Butanone	U		µg/L	25	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	10. n-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	11. sec-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	12. tert-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	13. Carbon Disulfide	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	14. Carbon Tetrachloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	15. Chlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	16. Chloroethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	17. Chloroform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	18. Chloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	19. 2-Chlorotoluene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	21. Dibromochloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	22. Dibromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	23. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	24. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	25. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	26. Dichlorodifluoromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	27. 1,1-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	28. 1,2-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	29. 1,1-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	30. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	31. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	32. 1,2-Dichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	33. cis-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	34. trans-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	35. Ethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	36. Ethylene Dibromide	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	37. 2-Hexanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-7S**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/22/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**11:05**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-006** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-7S**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
39. 4-Methyl-2-pentanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
40. Methylene Chloride	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 41. 2-Methylnaphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
42. MTBE	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
43. Naphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
44. n-Propylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
45. Styrene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
46. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
47. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
48. Tetrachloroethene	**1.8**		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
49. Toluene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
50. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
51. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 52. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
53. Trichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
54. Trichlorofluoromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
55. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 56. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
57. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
58. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
59. Vinyl Chloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
60. m&p-Xylene	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
61. o-Xylene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 62. Xylenes	U		µg/L	3.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**12:53**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-007** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-18D**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	2. Acrylonitrile	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	3. Benzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	4. Bromobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	5. Bromochloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	6. Bromodichloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	7. Bromoform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	8. Bromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	9. 2-Butanone	U		µg/L	25	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	10. n-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	11. sec-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	12. tert-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	13. Carbon Disulfide	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	14. Carbon Tetrachloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	15. Chlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	16. Chloroethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	17. Chloroform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	18. Chloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	19. 2-Chlorotoluene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡	20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	21. Dibromochloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	22. Dibromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	23. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	24. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	25. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	26. Dichlorodifluoromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	27. 1,1-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	28. 1,2-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	29. 1,1-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	30. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	31. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	32. 1,2-Dichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	33. cis-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	34. trans-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	35. Ethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	36. Ethylene Dibromide	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
	37. 2-Hexanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-18D**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**12:53**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-007** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-18D**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
38. Isopropylbenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
39. 4-Methyl-2-pentanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
40. Methylene Chloride	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 41. 2-Methylnaphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
42. MTBE	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
43. Naphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
44. n-Propylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
45. Styrene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
46. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
47. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
48. Tetrachloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
49. Toluene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
50. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
51. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 52. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
53. Trichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
54. Trichlorofluoromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
55. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 56. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
57. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
58. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
59. Vinyl Chloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
60. m&p-Xylene	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
61. o-Xylene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 62. Xylenes	U		µg/L	3.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**Pump Blank #1**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Blank: Equipment**	Collect Time:	**10:25**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-008** **Matrix: Blank: Equipment**
Method: EPA 5030C/EPA 8260D **Description: Pump Blank #1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 2. Acrylonitrile	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
3. Benzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
4. Bromobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
5. Bromochloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
6. Bromodichloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
7. Bromoform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
8. Bromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
9. 2-Butanone	U		µg/L	25	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
10. n-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
11. sec-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
12. tert-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
13. Carbon Disulfide	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
14. Carbon Tetrachloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
15. Chlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
16. Chloroethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
17. Chloroform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
18. Chloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
19. 2-Chlorotoluene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
21. Dibromochloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
22. Dibromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
23. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
24. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
25. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
26. Dichlorodifluoromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
27. 1,1-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
28. 1,2-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
29. 1,1-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
30. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
31. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
32. 1,2-Dichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
33. cis-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
34. trans-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
35. Ethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
36. Ethylene Dibromide	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
37. 2-Hexanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**Pump Blank #1**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/21/20**
Client Project No:	**194688**	Sample Matrix:	**Blank: Equipment**	Collect Time:	**10:25**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-008** **Matrix: Blank: Equipment**
Method: EPA 5030C/EPA 8260D **Description: Pump Blank #1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
39. 4-Methyl-2-pentanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
40. Methylene Chloride	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 41. 2-Methylnaphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
42. MTBE	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
43. Naphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
44. n-Propylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
45. Styrene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
46. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
47. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
48. Tetrachloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
49. Toluene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
50. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
51. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 52. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
53. Trichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
54. Trichlorofluoromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
55. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 56. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
57. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
58. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
59. Vinyl Chloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
60. m&p-Xylene	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
61. o-Xylene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 62. Xylenes	U		µg/L	3.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**Field Blank**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/22/20**
Client Project No:	**194688**	Sample Matrix:	**Blank: Field**	Collect Time:	**11:15**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-010** **Matrix: Blank: Field**
Method: EPA 5030C/EPA 8260D **Description: Field Blank**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 2. Acrylonitrile	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
3. Benzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
4. Bromobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
5. Bromochloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
6. Bromodichloromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
7. Bromoform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
8. Bromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
9. 2-Butanone	U		µg/L	25	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
10. n-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
11. sec-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
12. tert-Butylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
13. Carbon Disulfide	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
14. Carbon Tetrachloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
15. Chlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
16. Chloroethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
17. Chloroform	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
18. Chloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
19. 2-Chlorotoluene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
21. Dibromochloromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
22. Dibromomethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
23. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
24. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
25. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
26. Dichlorodifluoromethane	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
27. 1,1-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
28. 1,2-Dichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
29. 1,1-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
30. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
31. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
32. 1,2-Dichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
33. cis-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
34. trans-1,3-Dichloropropene	U		µg/L	0.50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
35. Ethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
36. Ethylene Dibromide	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
37. 2-Hexanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Client Identification:	**BLDI, Inc.**	Sample Description:	**Field Blank**	Chain of Custody:	**188443**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**12/22/20**
Client Project No:	**194688**	Sample Matrix:	**Blank: Field**	Collect Time:	**11:15**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: 99664-010** **Matrix: Blank: Field**
Method: EPA 5030C/EPA 8260D **Description: Field Blank**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
39. 4-Methyl-2-pentanone	U		µg/L	50	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
40. Methylene Chloride	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 41. 2-Methylnaphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
42. MTBE	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
43. Naphthalene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
44. n-Propylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
45. Styrene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
46. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
47. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
48. Tetrachloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
49. Toluene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
50. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
51. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 52. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
53. Trichloroethene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
54. Trichlorofluoromethane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
55. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 56. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
57. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
58. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
59. Vinyl Chloride	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
60. m&p-Xylene	U		µg/L	2.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
61. o-Xylene	U		µg/L	1.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS
‡ 62. Xylenes	U		µg/L	3.0	1.0	12/29/20	VB20L29A	12/29/20	VB20L29A	WCS

Definitions/ Qualifiers:

A: Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QC limits

Exception Summary:

H : Hold time exceeded.

Analysis Locations:

All analyses performed in Holt.

NELAP ACCREDITED TNI LABORATORY

Accreditation Number(s):

T104704518-19-8 (TX)

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
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8660 S. Mackinaw Trail
Cadillac, MI 49601
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Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0382
email: asbestos@fibertecihs.com

Geoprobe
11766 E. Grand River Rd.
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # 188443
PAGE 1 of 1

Client Name: BLDI
Contact Person: Renee Pewitt
Project Name/ Number: Lowell Landfill 194688
Email distribution list: reneepe@bldi.com coryhe@bldi.com wberline@bldi.com
Quote#
Purchase Order#

Date	Time	Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	VOCs	HOLD SAMPLE	Remarks:
12/21/20	13:40		MW-1DD	GW	3	X		
12/21/20	11:14		MW-3DD	↓	↓	↓		
12/21/20	12:00		MW-5DD					
12/22/20	10:10		MW-7D					
12/22/20	10:10		MW-7D DUP					
12/22/20	11:05		MW-7S					
12/21/20	12:53		MW-18D	↓				
12/21/20	10:25		Pump Blank #1	X				DI water
12/22/20	11:30		Pump Blank #2	↓	↓	↓	X	DI water (hold)
12/22/20	11:15		Field Blank	↓	↓	↓		DI water

PARAMETERS

Matrix Code: S Soil; A Air; O Oil; P Wipe; GW Ground Water; SW Surface Water; WW Waste Water; X Other: Specify

Deliverables: Level 2; Level 3; Level 4; EDD

Received By Lab
DEC 23 2020
Initials: CI

Comments:

Sampled/Relinquished By:	Date/ Time 12/23/20 1400	Received By:
Relinquished By:	Date/ Time 12-23-20 1605	Received By:
Relinquished By:	Date/ Time	Received By Laboratory:

Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY

_____1 bus. day _____2 bus. days _____3 bus. days X 4 bus. days

_____5-7 bus. days (standard) Other (specify time/date requirement): _____

LAB USE ONLY

Fibertec project number: 99664
Temperature upon receipt at Lab: 2.8°C

Received On Ice

Please see back for terms and conditions

Fibertec
environmental
services

Tuesday, April 06, 2021

Fibertec Project Number: A00994
Project Identification: Lowell Landfill (194688) /194688
Submittal Date: 03/31/2021

Ms. Annika Whitcomb
BLDI, Inc.
150 Fountain Street NE
Grand Rapids, MI 49503

Dear Ms. Whitcomb,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

By Sharon Rakow at 5:16 PM, Apr 06, 2021

For Daryl P. Strandbergh
Laboratory Director

Enclosures

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-3DD**	Chain of Custody:	**188977**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**03/30/21**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**14:45**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: A00994-001** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-3DD**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/L	50	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
‡	2. Acrylonitrile	U		µg/L	2.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	3. Benzene	**2.1**		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	4. Bromobenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	5. Bromochloromethane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	6. Bromodichloromethane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	7. Bromoform	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	8. Bromomethane	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	9. 2-Butanone	U		µg/L	25	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	10. n-Butylbenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	11. sec-Butylbenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	12. tert-Butylbenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	13. Carbon Disulfide	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	14. Carbon Tetrachloride	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	15. Chlorobenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	16. Chloroethane	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	17. Chloroform	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	18. Chloromethane	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	19. 2-Chlorotoluene	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
‡	20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	21. Dibromochloromethane	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	22. Dibromomethane	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	23. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	24. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	25. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	26. Dichlorodifluoromethane	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	27. 1,1-Dichloroethane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	28. 1,2-Dichloroethane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	29. 1,1-Dichloroethene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	30. cis-1,2-Dichloroethene	**1.3**		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	31. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	32. 1,2-Dichloropropane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	33. cis-1,3-Dichloropropene	U		µg/L	0.50	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	34. trans-1,3-Dichloropropene	U		µg/L	0.50	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	35. Ethylbenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	36. Ethylene Dibromide	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
	37. 2-Hexanone	U		µg/L	50	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF

Client Identification:	**BLDI, Inc.**	Sample Description:	**MW-3DD**	Chain of Custody:	**188977**
Client Project Name:	**Lowell Landfill (194688)**	Sample No:		Collect Date:	**03/30/21**
Client Project No:	**194688**	Sample Matrix:	**Ground Water**	Collect Time:	**14:45**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS **Aliquot ID: A00994-001** **Matrix: Ground Water**
Method: EPA 5030C/EPA 8260D **Description: MW-3DD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
39. 4-Methyl-2-pentanone	U		µg/L	50	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
40. Methylene Chloride	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
‡ 41. 2-Methylnaphthalene	U	V+	µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
42. MTBE	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
43. Naphthalene	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
44. n-Propylbenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
45. Styrene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
46. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
47. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
48. Tetrachloroethene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
49. Toluene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
50. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
51. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
‡ 52. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
53. Trichloroethene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
54. Trichlorofluoromethane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
55. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
‡ 56. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
57. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
58. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
59. Vinyl Chloride	**3.3**		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
60. m&p-Xylene	U		µg/L	2.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
61. o-Xylene	U		µg/L	1.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF
‡ 62. Xylenes	U		µg/L	3.0	1.0	04/02/21	VB21D02B	04/03/21	VB21D02B	JMF

Definitions/ Qualifiers:

A: Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QC limits

Exception Summary:

V+ : Recovery in the associated continuing calibration verification sample (CCV) exceeds the upper control limit. Results may be biased high.

Analysis Locations:

All analyses performed in Holt.

Accreditation Number(s):

T104704518-19-8 (TX)

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
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Fax: 517 699 0382
email: asbestos@fibertecihs.com

Geoprobe
11766 E. Grand River Rd.
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # **188977**
PAGE 1 of 1

Client Name: BLDI, Inc.
Contact Person: Annika Whitcomb, Renée Pewitt
Project Name/ Number: 194688.20, Lowell Landfill
Email distribution list: rpewitt@bldi.com, annikaw@bldi.com
Quote#
Purchase Order#

Date	Time	Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PARAMETERS: VOCs	HOLD SAMPLE	Remarks
3/30/21	14:45		MW-300	GW	3	X		
	14:45		MW-300 DUP	GW	3	X	X	Hold
	13:50		Pump Blank 1	GW	3	X	X	Hold
	15:00		Pump Blank 2	GW	3	X	X	Hold
	14:06		Field Blank	GW	3	X	X	Hold

Matrix Code: S Soil; A Air; O Oil; P Wipe; GW Ground Water; SW Surface Water; WW Waste Water; X Other: Specify

Deliverables: Level 2; Level 3; Level 4; EDD

Received By Lab
MAR 31 2021
Initials: CI

Comments:

Sampled/Relinquished By:	Date/ Time 3/31/21 9:10	Received By: 3-31-21 @ 1340
Relinquished By:	Date/ Time 3-31-21 1510	Received By:
Relinquished By:	Date/ Time	Received By Laboratory:

Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY

_____1 bus. day _____2 bus. days _____3 bus. days X 4 bus. days

_____5-7 bus. days (standard) Other (specify time/date requirement): _____

LAB USE ONLY

Received On Ice

Fibertec project number: A00994

Temperature upon receipt at Lab: 3.7°C

Please see back for terms and conditions