ADVANCED MATERIALS
20 Peabody Street
Buffalo, NY 14210
www.honeywell.com

Honeywell

Buffalo Research Laboratory (BRL)
20 Peabody Street
Buffalo, NY 14210

Site Management Plan

Periodic Review Report

NYSDEC Site Number: 915002

EPA ID: NYD0006323215

January 27, 2023

Table of Contents

Certification of Engineering Controls and Institutional Controls

The BRL Site's Engineering Controls (ECs) consist of:

- Cover system (existing buildings and pavement) – is maintained in good order
- Grass / gravel cover – is maintained in good order
- Groundwater monitoring – is performed annually
- Excavation work plan – is followed for any applicable excavation

BRL's Institutional Controls (ICs) serve to implement maintain and monitor the ECs, prevent future exposure to remaining contamination and limit the use and development of the Site to industrial use only.

Certification Statement

"For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

- *The inspection of the Site to confirm the effectiveness of the institutional controls required by the remedial program was performed under my direction*
- *The institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by the Department*
- *Nothing has occurred that would impair the ability of the control to protect the public health and environment*
- *Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control*
- *Access to the Site will continue to be provided to the Department to evaluate the remedy including access to evaluate the continued maintenance of this control*
- *Use of the Site is compliant with the environmental easement*
- *The engineering control systems are performing as designed and are effective*
- *To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program*
- *The information presented in this report is accurate and complete*

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Michelle Mattice, of 20 Peabody Street, Buffalo, NY 14210, am certifying as Owner's Designated Site Representative for the Site."

Signature: Michelle Mattice **Date:** 1/31/23

Michelle Mattice, Site Leader

Results of the Annual Site Groundcover Inspection

The annual site groundcover inspection was conducted on May 17, 2022 and is attached in Appendix A. Several areas of concern were identified during the groundcover inspection. In general, the groundcover condition was good. There were several areas containing wheel ruts and grass damage due to winter weather and plowing operations, see attached inspection, location map, and photos in Appendix A. An e-mail work order was sent to site operations to reseed all areas of damaged grass cover. The reseeding was completed by Occhino Corporation, the Honeywell landscaping vendor approximately two weeks later.

Results of Annual Groundwater Monitoring

The annual groundwater monitoring was conducted by Parsons on June 14, 2022 and is attached in Appendix B. The report is dated July 29th, 2022. The conclusions recommend that the annual groundwater monitoring should continue to be conducted, per the site management plan. The detected groundwater contaminant concentrations remain consistent with the historical data.

Annual Site Evaluation

The annual site-wide inspection was conducted on May 17, 2021 and is attached in Appendix C. The institutional and Engineering Controls described in the Site Management Plan are in place with no significant exceptions at the Site. The required reporting has been conducted per the Site Management Plan in 2022 and site records are up to date.

Site Management Report – Excavation Work Documentation

In calendar year 2022, one notification of excavation work was submitted to NYSDEC.

1. On September 15, 2022 – Honeywell provided a Notice of Excavation for a sidewalk replacement and stormwater grading project. The work was conducted in early October 2022 by Occhino Corporation. The excavated soil and stone was stored on plastic sheeting and protected from the elements until sampling and disposal was arranged. Approximately 101 tons of stone and soil were removed from the sidewalk replacement and stormwater grading project. The concrete was replaced, the soil was hydroseeded and some new grass growth was observed in the disturbed areas. The soil was sampled prior to disposal in January 2023. The soil was sent for disposal to Waste Management of New York in Chaffee, NY. Correspondence, photos, disposal manifests, and analytical documents are included in Appendix D.

Appendix A – Annual Groundcover Site Inspection Documentation

Cover Inspection Form
(Quarterly/Annual)

Honeywell, Inc.
Buffalo Research Laboratory
Buffalo, New York

SECTION I. GENERAL INFORMATION

Inspector Name and Title: Matt Kandefer, HSE Manager
Names of Others Present During Inspection: n/a

Date of Inspection: 5/17/2022 Time of Inspection: 1pm
Date of Last Inspection:
Weather: 55°F, windy, partly sunny

SECTION II. INSPECTION RESULTS

Walk through the entire Site and answer the following questions.

1. **Are there any locations where work is being performed in accordance with the Site's Excavation Work Plan?**

   Yes (No)

   If you answered "Yes," attach to this inspection form a brief description of the location, type of work, start date, and expected completion date for the work.

2. **For grass-covered areas, did you observe any locations with damaged or missing grass cover, not within a work zone where work is currently being performed in accordance with the Site's Excavation Work Plan, which cause direct exposure of surface soil?**

   (Yes) No

3. **Did you observe any locations of exposed soil (such as due to vehicle traffic, erosion, or runoff) not within a work zone where work is currently being performed in accordance with the Site's Excavation Work Plan?**

   (Yes) No

4. **Did you observe any areas of cracked, broken, or otherwise damaged or missing asphalt or concrete not within a work zone where work is currently being performed in accordance with the Site's Excavation Work Plan, which cause direct exposure of surface soil?**

   Yes (No)

5. **Did you observe any gravel-covered areas where the gravel cover has been damaged or removed not within a work zone where work is currently being performed in accordance with the Site's Excavation Work, which cause direct exposure of surface soil?**

   Yes (No)

SECTION III. IDENTIFICATION OF LOCATIONS REQUIRING CONTINGENCY ACTION

If you answered "Yes" to any of Questions 2 through 5 in Section II, complete the following (place a check next to each item to verify completion):

✓ 1. Attach a detailed description of the area(s) for which you answered "Yes" in Section II. Include photographs as appropriate.

✓ 2. Identify on an attached Site Plan the approximate location of the area(s) for which you answered "Yes" in Section II.

✓ 3. Immediately notify and provide a copy of this form to the HSE Manager or designee so that corrective action can be implemented in accordance with the Site Monitoring and Cover Repair Plans (Sections 4.0 and 7.0 of the Site Management Plan). Obtain HSE Manager or designee signature below.

SECTION IV. SIGNATURES

Required for each inspection:

[signature]	5/17/22
Inspector	Date

If required by Section III:

[signature]	5/17/22
HSE Manager	Date
or	
HSE Manager Designee	Date

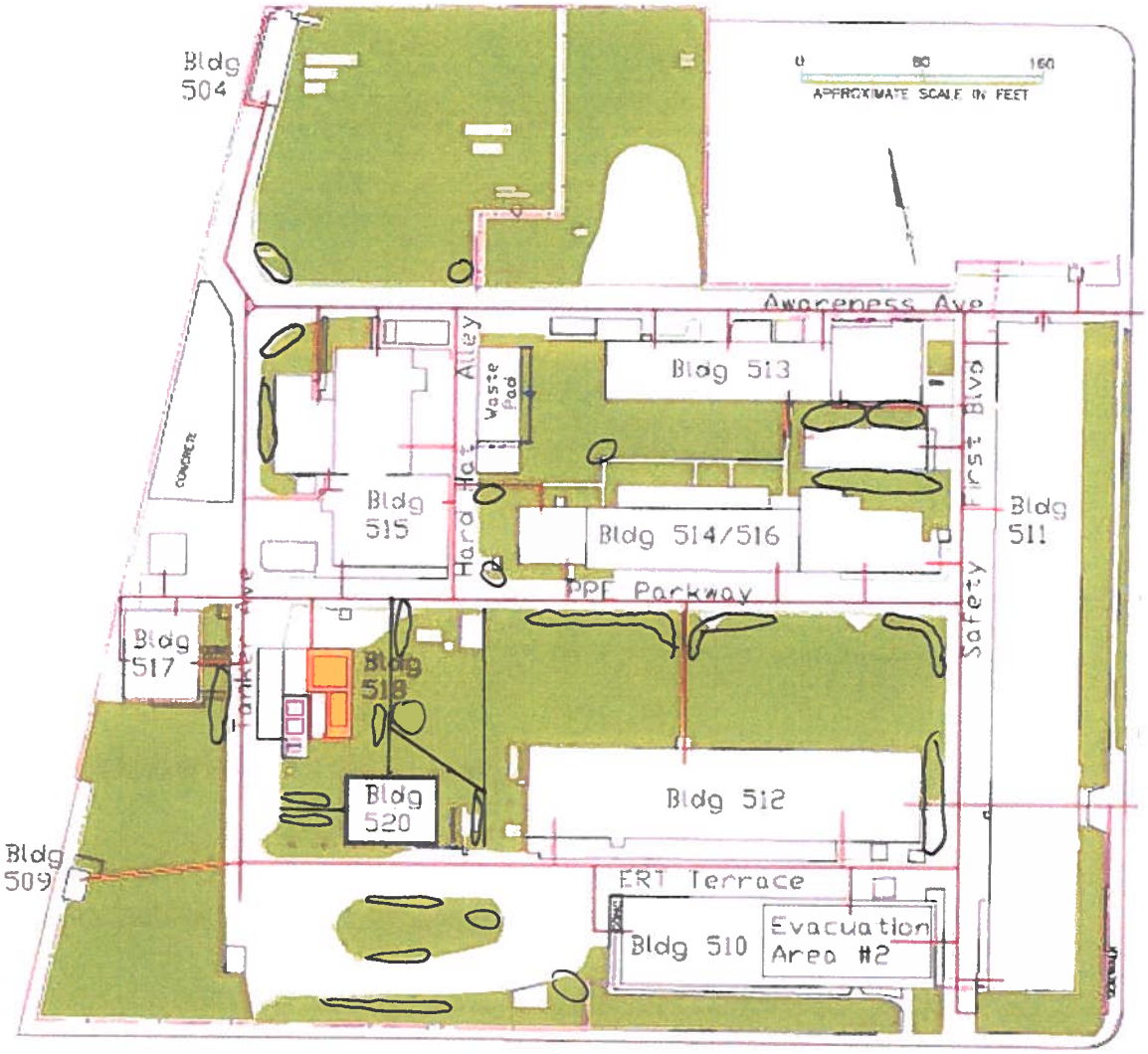
Attachments (List): photographs + Memo
Site plan of soil locations

Filing Requirements: Original to Inspection Form file
Copy to HSE Manager or designee

Site Plan

5/17/22 Annual Cover Inspection

All circled areas require grass seed and/or soil. DAMAGED Grass or Cover



Honeywell

ADVANCED MATERIALS
20 Peabody Street
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5/17/2022

Site Management Plan

NYSDEC Site Number: 915002

EPA ID: NYD0006323215

Groundcover Evaluation – Damaged Grass Cover

During the May 17, 2022, annual groundcover evaluation, several areas of damaged grass were observed along the roadways at the site. The attached photos and site map display areas need repair and reseeding. Many of the areas to be repaired are rutted by trucks or may have been damaged during snow removal efforts over the winter.

As a corrective action, a work order was entered with site operations to provide soil and reseeding in identified areas to improve the ground cover.

Best Regards,

Matt Kandefer

Attachment(s): Photos

B519 North

6519 Spring


RENTAL
B504 South

EAST

0510 - west

tom 0159

Area Mat

B512 EAST

1SAD PISD
EAST

North
0512
0359

Traffic Circle
NB
3044

Kandefer, Matt

From: Kandefer, Matt
Sent: Tuesday, May 17, 2022 3:36 PM
To: Mosso, Ryan
Cc: Thomas Cantie (Thomas.Cantie@Honeywell.com)
Subject: Safety Work Order

Ryan,

Please put in a safety work order to repair the grass/ground cover on the site. Occhino will be doing this work in the next few weeks through Tom. Thanks,

Matt

Matthew Kandefer, CSP
Health Safety & Environment Manager
Honeywell | PMT
C: (716) 471-3158
matthew.kandefer@honeywell.com

Appendix B – Annual Groundwater Monitoring Report

PARSONS

40 La Riviere Drive, Suite 122 • Buffalo, New York 14202 • (716) 541-0730 • www.parsons.com

July 29, 2022

Joshua M. Vaccaro
New York State Department of
Environmental Conservation, Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203

RE: Annual Groundwater Monitoring Report, Honeywell Buffalo Research Laboratory

Dear Mr. Vaccaro:

Enclosed please find the 2022 Annual Groundwater Monitoring Report for the Honeywell Buffalo Research Laboratory in Buffalo, New York (see **Figure 1**). The report is a requirement of the Site Management Plan (SMP) (GHD, June 2019) for the facility. The annual groundwater monitoring event was conducted on June 14, 2022.

Based on the results of the annual groundwater monitoring over the last several years, including the current year, the monitoring will be continued on an annual schedule as defined in the SMP. The monitoring schedule will be re-evaluated as additional results are collected. The detailed rationale for these recommendations is provided in the Recommendations/Conclusions section of this report.

Well Inspection

In accordance with the SMP, the depth to groundwater was measured and the condition of each monitoring well (MW-2, MW-3, MW-5, MW-6, MW-7, MW-8, MW-9, and MW-10) was inspected. MW-1 and MW-4 could not be found and may have been covered by asphalt, as noted in previous reports. MW-9 is a flush mounted well and was unable to be opened as it appears to have been partially paved over. In 2023, appropriate tools will be bought along in an effort to open the well. The results of the well inspections are presented below. The well inspection records are included in **Attachment A**. Each of the wells that were inspected were in good condition with only minor issues, but none requiring maintenance.

MW-2, Stick-up Protective Casing

- Paint and label in good condition.
- Well was locked.
- Stick-up protective metal casing was in good condition.
- J-plug well cap was secure.
- Concrete pad was in fair condition.

MW-3, Stick-up Protective Casing

- Paint and label in good condition.
- Well was locked.

- Stick-up protective metal casing was in good condition (rusty lock required lubrication and lubrication of the lock was completed while inspecting well).
- J-plug well cap was secure.
- Concrete pad was in good condition.

MW-5, Flush-mounted Protective Casing
- Curb box, cover, and concrete pad were in good condition.
- Water-tight well cap was secure.
- Surrounding asphalt was in good condition.

MW-6, Flush-mounted Protective Casing
- Curb box and cover were in place and in good condition. Bolts were slightly rusted, and it is planned to replace the bolts in 2023.
- Water-tight well cap was secure.
- Surrounding asphalt was in good condition.

MW-7, Flush-mounted Protective Casing
- Curb box, cover, and concrete pad were in good condition. A new well completion was installed in 2021.
- Concrete pad is in good condition.
- Water-tight well cap was secure.
- Surrounding asphalt was in good condition.

MW-8, Stick-up Protective Casing
- Paint and label in good condition.
- Well was locked.
- Stick-up protective metal casing was in good condition.
- J-plug well cap was secure.
- Concrete pad was in good condition and covered by blacktop.

MW-9, Flush-mounted Protective Casing
- Curb box and cover were in place and in good condition (new installed 2021) however the well could not be opened due to being partially paved over. This issue is planned to be addressed during the 2023 groundwater sampling event.
- Concrete pad was new (installed 2021).
- Water-tight well cap was secure.
- Surrounding asphalt was in good condition.

MW-10, Stick-up Protective Casing
- Well was locked. While cover is broken, it is still able to be locked.
- Stick-up protective metal casing was in good condition.
- J-plug well cap was secure.
- Concrete pad was in good condition but is covered by blacktop.

Groundwater Sampling

Groundwater samples were collected from MW-3 and MW-5 for laboratory analysis, as specified in the SMP. During this sampling event, purging was conducted, and samples were collected using a peristaltic pump and HDPE tubing.

Prior to collecting groundwater samples, each well was purged of a minimum of three well volumes of groundwater and was purged until field parameters (pH, specific conductivity, turbidity, and temperature) were stable. During purging, field parameters, including pH, temperature, specific conductivity, and turbidity, were measured and recorded. Wells were purged at approximately 200 milliliters per min (ml/min).

Samples were submitted for analysis using Method EPA 8260 for volatile organic compounds (VOCs) and EPA 6010C for metals (total arsenic and barium and soluble arsenic and barium). Soluble arsenic and barium are analyzed if turbidity exceeds 50 NTU, which in 2022, neither sample did, and therefore soluble arsenic and barium were not analyzed. Turbidity is measured both in the field and at the laboratory. In addition to the two groundwater samples, the trip blank that accompanied the bottle set from the laboratory, into the field, and back to the laboratory, was submitted for VOC analysis. Field parameters and other monitoring data were recorded on the Well Sampling Records provided in **Attachment A**.

Summary of Analytical Results

Table 1 presents a summary of the detected chemical constituents for this sampling event, and **Table 2** provides the historical analytical results from 1994 through the current (2022) annual sampling event. A data summary table and the laboratory data report for the current samples are provided in **Attachment B**. Sample results were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQS), contained in 6 NYCRR Part 703.

VOCs

Three VOCs were identified in the groundwater sample from MW-3 (1,1,1-trichloroethane at 6.9 µg/L, 1,1-dichloroethene [1,1-DCE] at 3.2 µg/L, and 1,1- dichloroethane [1,1-DCA] at 24 µg/L). 1,1-DCA and 1,1,1-trichloroethane exceeded the NYSDEC AWQS. No VOCs were identified in the groundwater sample from MW-5. The analytical results for the trip blank (VOCs) were all below the analytical detection limits.

Metals

Total arsenic was below the AWQS (25 µg/L) in MW-3 (11 µg/L) and in MW-5 (9 µg/L). Total barium was below the AWQS (1,000 µg/L) in both wells (142 µg/L in MW-3 and 195 µg/L in MW-5). Turbidity of both samples was below 50 NTUs and therefore, soluble arsenic and barium were not analyzed.

Discussion of Historical Analytical Results

VOCs

Table 2 provides a summary of the historical analytical results. Two VOCs were identified in the sample from MW-5 in 2016 that were not found in 2017 through 2020, or prior to 2016. VOCs have not typically been found in MW-5. Chloroform and dibromochloromethane were both identified in 2016 and both were below their respective NYSDEC AWQS. It is suspected that these two VOCs are the result of a water main break in the area of MW-5 in 2016. The water main break was repaired prior to the groundwater sampling in 2016. These two compounds are not expected to be identified in the future.

1,1,1-TCA and 1,1-DCA have typically been identified above the respective AWQS in groundwater from MW-3. The concentrations of 1,1-DCA ranged from below the analytical detection limits to 42 µg/L between 1994 and May 2022. Although 1,1,1-TCA was below the analytical detection limit in July 2014, it was detected each year from 2015 through 2022 between 4.1 µg/L and 9.8 µg/L. The concentrations of 1,1,1-TCA have ranged from below the analytical detection limits to 36 µg/L (1994) in MW-3. Since 1994 1,1,1-TCA has been 20 µg/L or less and has been less than 10 µg/L for the last nine years. 1,1,1-TCA was below the NYSDEC AWQS of 5 ug/L the between 2019 and 2021. 1,1-DCE has occasionally been identified in MW-3, but is typically below the NYSDEC AWQS. Although 1,1-DCE has been detected for the last eleven years, it has been below the NYSDEC AWQS of 5 µg/L during this time. 1,1-DCE last exceeded the NYSDEC AWQS in 2009. In 2019 TCE was detected (0.90 µg/L) for the first time since 2005 and was again detected in 2020 (0.51 µg/L). Both results are below the NYSDEC AWQS of 5 µg/L. TCE was not detected in 2021 or 2022.

In summary, the analytical results from the current sampling event showed two VOCs (1,1,1-TCA and 1,1-DCA) above the AWQS in a single well (MW-3). Additionally, 1,1-DCE was observed below the AWQS in MW-3. 1,1-DCA is a common breakdown product of 1,1,1-TCA, when degraded through biotic processes such as reductive dechlorination, while 1,1-DCE is a common breakdown product of 1,1,1-TCA when degraded through abiotic processes. While VOCs have not typically been identified in MW-5, chloroform and dibromochloromethane were detected below their respective NYSDEC AWQS in 2016. It is suspected that these two compounds were associated with a water main break in the area of the well. These compounds were not detected between 2017 and 2022.

Metals

Over the past 24 years, total arsenic and total barium have been analyzed at least annually in the groundwater samples from MW-3 and MW-5. Total arsenic frequently exceeded the AWQS (25 µg/L) in the samples from MW-3 and occasionally in samples from MW-5. Total arsenic was below the AWQS in MW-3 and MW-5 during the current sampling event. Total barium did not exceed the AWQS in either well during this sampling event, nor in the previous sampling events. Historic total arsenic results for MW-3 and MW-5 have been included in a plot (**Figure 2**).

As required in the SMP, soluble arsenic and barium are analyzed when the sample turbidity exceeds 50 NTUs. Historically, soluble arsenic and soluble barium have been below the AWQS in both wells when analyzed, except for MW-3 in 2013 and 2016 when soluble arsenic exceeded the AWQS. Soluble

If you need additional information or would like to discuss the results of this Annual Groundwater Monitoring Report, please contact me at (716) 525-3425.

Sincerely,

Eric A. Felter
Project Manager

Michelle Mattice
Site Leader – Honeywell Buffalo Research Laboratory

arsenic and soluble barium were not analyzed in 2022 due to measured turbidity levels below 50 NTUs. The last time that soluble arsenic and barium were analyzed, 2018, soluble arsenic was below the analytical detection limits in MW-3 and MW-5 and soluble barium was detected in both wells at levels below the AWQS.

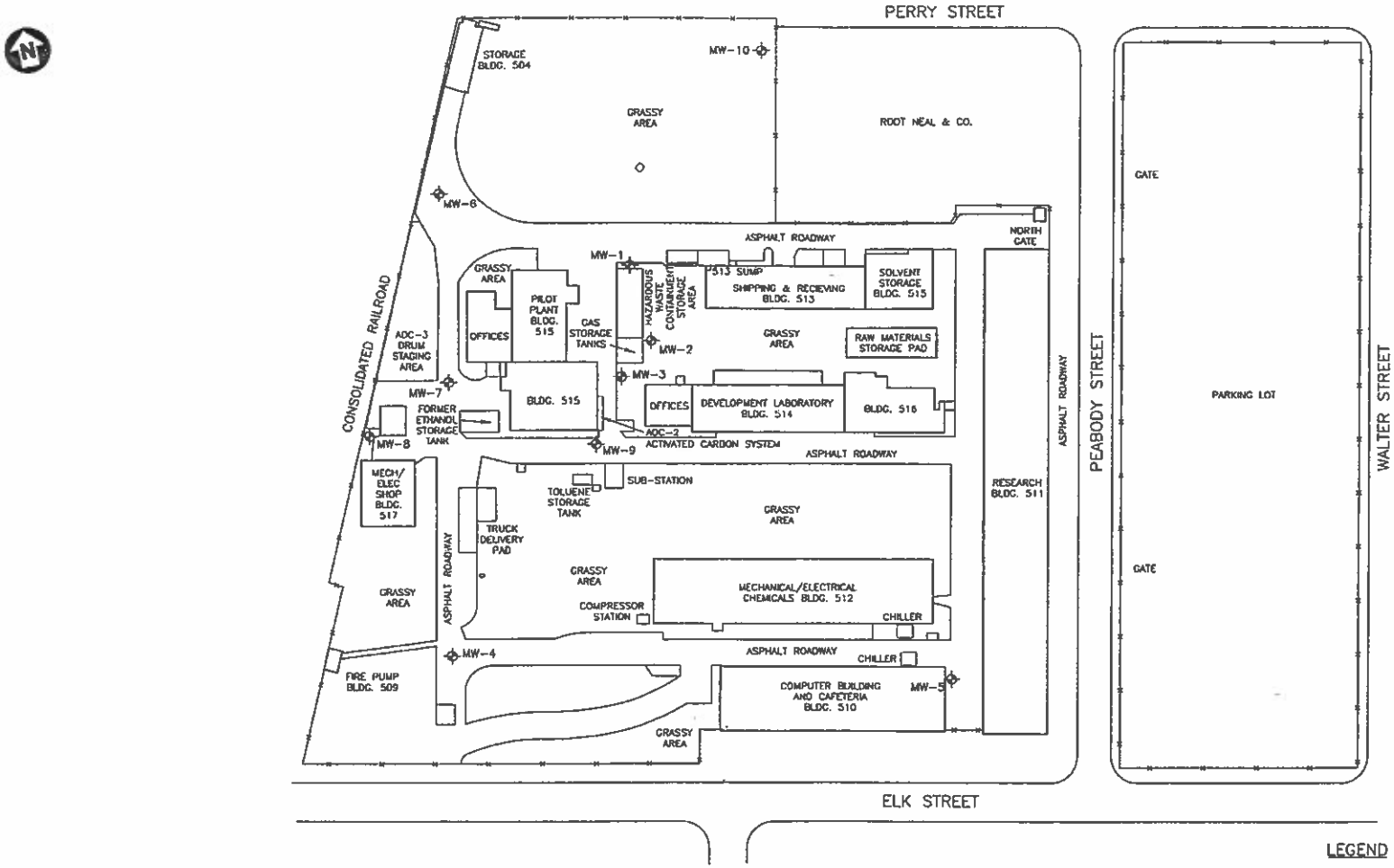
Groundwater Flow Direction

The water level measurements recorded on June 14, 2022 (see **Table 3**) are consistent with previous measurements. The groundwater elevation contour map (**Figure 3**) indicates that the groundwater flow direction is generally to the southeast across the Site, which is consistent with previously observed flow directions.

Recommendations/Conclusions

Based on the current sampling results, groundwater flow direction, and the following points, groundwater monitoring should continue on an annual schedule:

- The detected concentrations of two VOCs (1,1,1-TCA and 1,1-DCA) were low, although exceeding the AWQS in MW-3. One other VOC was detected (1,1-DCE) in MW-3, but was below the AWQS;
- As shown by the lack of VOCs in MW-5, VOCs observed in onsite well (MW-3) will naturally attenuate prior to reaching the facility boundary;
- Total arsenic has been below the AWQS during six out of the last 20 sampling events in MW-3, and below the AWQS during 15 out of the last 20 sampling events in MW-5;
- Soluble arsenic, when analyzed, has typically been below the detection limits or the AWQS. The only two exceptions were in 2013 and 2016 in MW-3; and
- Total barium and soluble barium (when analyzed) have been below the AWQS during the current event and all previous sampling events in MW-3 and MW-5.



LEGEND

MW-2 MONITORING WELL LOCATION

100 50 0 100 200

SCALE: 1"=100'

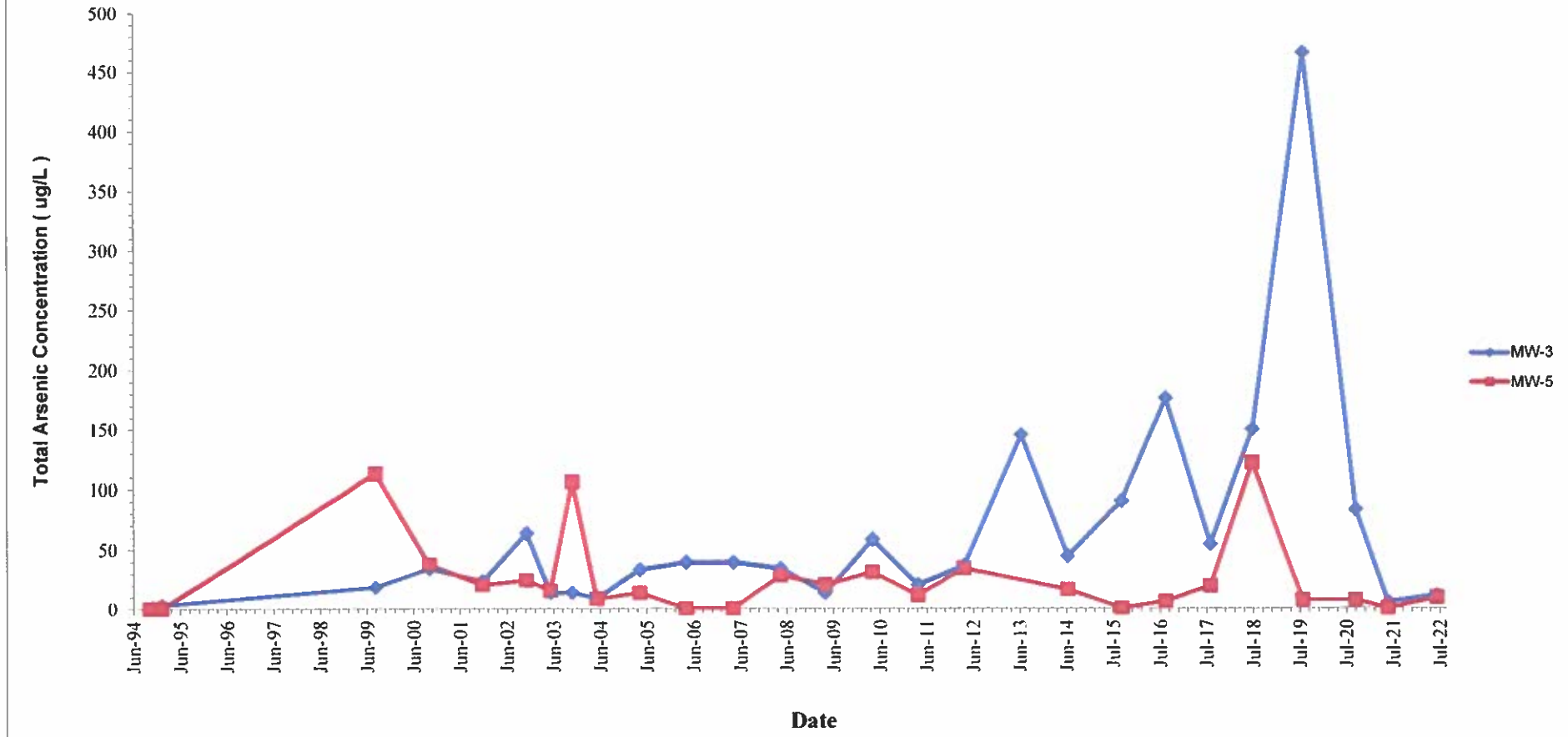
FIGURE 1

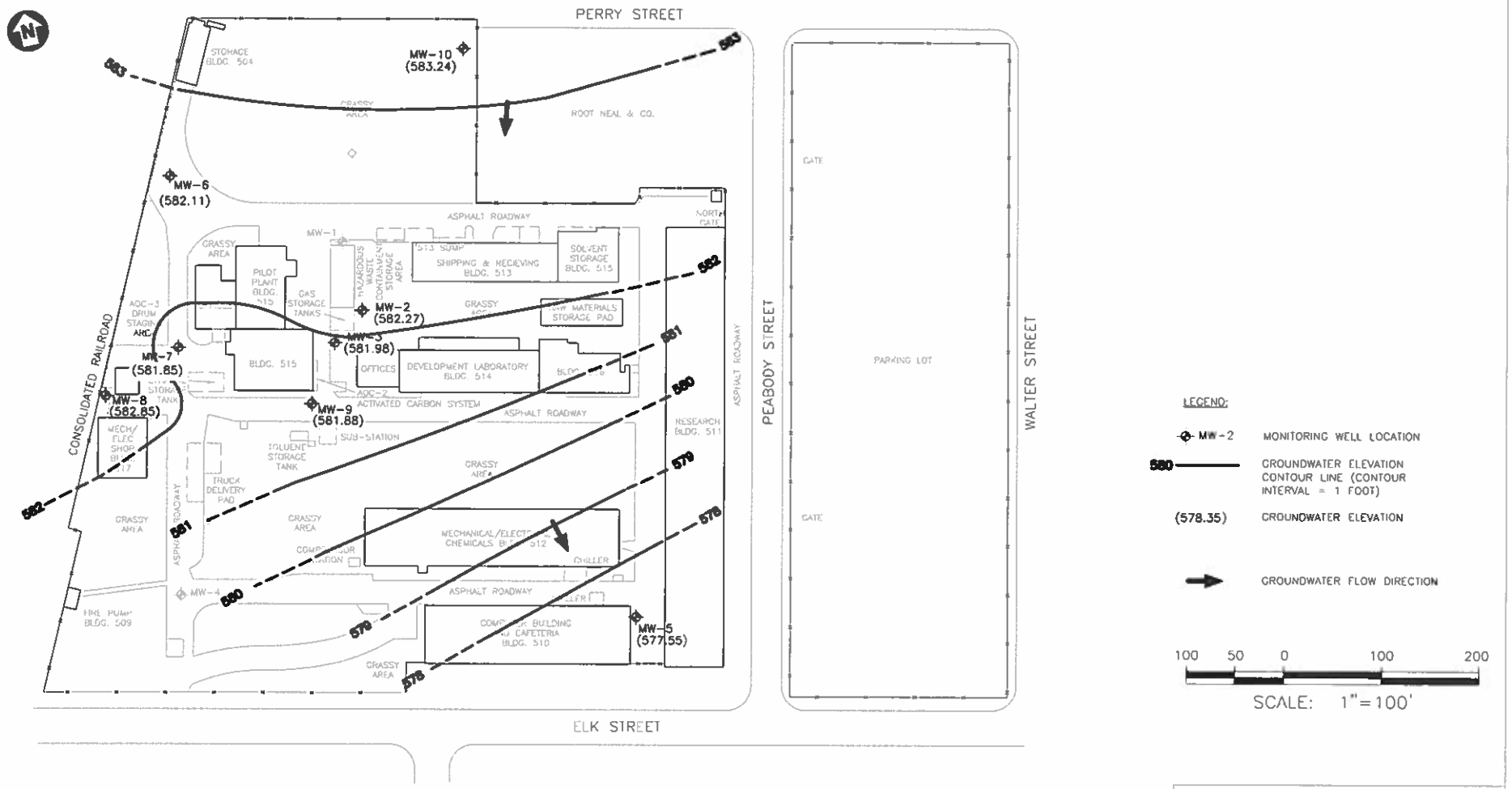
SITE PLAN
HONEYWELL SPECIALTY CHEMICALS
BUFFALO, NEW YORK

PARSONS
180 LAWRENCE BELL DRIVE, SUITE 104, WILLIAMSVILLE, N.Y. 14221, PHONE: 716-633-7074

P:\741239-hnywllSpecChem\cad\41239C02.dwg, 12/05/02 at 09:22, MAB, 1=1
No XREFs

Figure 2: Plot of Total Arsenic Concentrations





LEGEND:

- MW-2 — MONITORING WELL LOCATION
- 580 — GROUNDWATER ELEVATION CONTOUR LINE (CONTOUR INTERVAL = 1 FOOT)
- (578.35) — GROUNDWATER ELEVATION
- GROUNDWATER FLOW DIRECTION

100 50 0 100 200

SCALE: 1"=100'

FIGURE 3

Honeywell SPECIALTY CHEMICALS BUFFALO, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP (JUNE 14, 2022)

PARSONS

40 LA RIVIERE DRIVE • SUITE 350 • BUFFALO, NY 14202 • 716/541-0730
OFFICES IN PRINCIPAL CITIES

FILE NAME: P:\HONEYWELL\BUFFALO SPECIALTY CHEM\CAD\GW-2022\BUFF-SPEC-GW-2022.DWG
PLOT DATE: 7/12/2022 3:25 PM PLOTTED BY: RUSSO, JILL (US-US)

TABLE 1

Summary of Groundwater Analytical Results (6/14/2022)

Analytical Parameters	NYSDEC AWQS µg/L	MW-3 µg/L	MW-5 µg/L	Trip Blank µg/L
Total Arsenic	25	11	9	NA
Total Barium	1,000	142	195	NA
1,1-Dichloroethene	5	3.2	ND	ND
1,1-Dichloroethane	5	**24**	ND	ND
1,1,1-Trichloroethane	5	**6.9**	ND	ND

Note: Only detected analytes are shown.
Boxed and bold analytical results exceed NYSDEC Ambient Water Quality Standards (AWQS).
ND = Not detected.
NA = Not analyzed.

Sample ID: Trip Blank
Sample Date: 05/27/21

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limits	Method
Chloromethane	ND	µg/L	10	SW 846 8260
Vinyl chloride	ND	µg/L	10	SW 846 8260
Bromomethane	ND	µg/L	10	SW 846 8260
Chloroethane	ND	µg/L	10	SW 846 8260
Trichlorofluoromethane	ND	µg/L	10	SW 846 8260
1,1-Dichloroethene	ND	µg/L	10	SW 846 8260
Methylene chloride	ND	µg/L	10	SW 846 8260
Trans-1,2-Dichloroethene	ND	µg/L	10	SW 846 8260
1,1-Dichloroethane	ND	µg/L	10	SW 846 8260
Bromochloromethane	ND	µg/L	10	SW 846 8260
Chloroform	ND	µg/L	10	SW 846 8260
1,2-Dichloroethane	ND	µg/L	10	SW 846 8260
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8260
Carbon tetrachloride	ND	µg/L	10	SW 846 8260
Benzene	ND	µg/L	10	SW 846 8260
1,2-Dichloropropane	ND	µg/L	10	SW 846 8260
Trichloroethene	ND	µg/L	10	SW 846 8260
2-Chloroethylvinyl ether	ND	µg/L	10	SW 846 8260
Cis-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
Trans-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
1,1,2-Trichloroethane	ND	µg/L	10	SW 846 8260
Toluene	ND	µg/L	10	SW 846 8260
Dibromochloromethane	ND	µg/L	10	SW 846 8260
Tetrachloroethene	ND	µg/L	10	SW 846 8260
Chlorobenzene	ND	µg/L	10	SW 846 8260
Ethylbenzene	ND	µg/L	10	SW 846 8260
Bromoform	ND	µg/L	10	SW 846 8260
1,1,2,2-Tetrachloroethane	ND	µg/L	10	SW 846 8260
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8260
Acetone	ND	µg/L	10	SW 846 8260
2-Butanone	ND	µg/L	10	SW 846 8260
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8260

Sample ID: Monitoring Well 3
Sample Date: 06/14/22

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limits	Method
Total Arsenic	0.011	mg/L	0.025	EPA 6010
Soluble Arsenic	NA	mg/L	0.025	EPA 6010
Total Barium	0.142	mg/L	0.010	EPA 6010
Soluble Barium	NA	mg/L	0.010	EPA 6010
Chloromethane	ND	µg/L	10	SW 846 8260
Vinyl chloride	ND	µg/L	10	SW 846 8260
Bromomethane	ND	µg/L	10	SW 846 8260
Chloroethane	ND	µg/L	10	SW 846 8260
Trichlorofluoromethane	ND	µg/L	10	SW 846 8260
1,1-Dichloroethene	3.2	µg/L	10	SW 846 8260
Methylene chloride	ND	µg/L	10	SW 846 8260
Trans-1,2-Dichloroethene	ND	µg/L	10	SW 846 8260
1,1-Dichloroethane	24	µg/L	10	SW 846 8260
Bromochloromethane	ND	µg/L	10	SW 846 8260
Chloroform	ND	µg/L	10	SW 846 8260
1,2-Dichloroethane	ND	µg/L	10	SW 846 8260
1,1,1-Trichloroethane	6.9	µg/L	10	SW 846 8260
Carbon tetrachloride	ND	µg/L	10	SW 846 8260
Benzene	ND	µg/L	10	SW 846 8260
1,2-Dichloropropane	ND	µg/L	10	SW 846 8260
Trichloroethene	ND	µg/L	10	SW 846 8260
2-Chloroethylvinyl ether	ND	µg/L	10	SW 846 8260
Cis-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
Trans-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
1,1,2-Trichloroethane	ND	µg/L	10	SW 846 8260
Toluene	ND	µg/L	10	SW 846 8260
Dibromochloromethane	ND	µg/L	10	SW 846 8260
Tetrachloroethene	ND	µg/L	10	SW 846 8260
Chlorobenzene	ND	µg/L	10	SW 846 8260
Ethylbenzene	ND	µg/L	10	SW 846 8260
Bromoform	ND	µg/L	10	SW 846 8260
1,1,2,2-Tetrachloroethane	ND	µg/L	10	SW 846 8260
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8260

Sample ID: Monitoring Well 5
Sample Date: 06/14/22

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limits	Method
Total Arsenic	0.009	mg/L	0.025	EPA 6010
Soluble Arsenic	NA	mg/L	0.025	EPA 6010
Total Barium	0.195	mg/L	0.010	EPA 6010
Soluble Barium	NA	mg/L	0.010	EPA 6010
Chloromethane	ND	µg/L	10	SW 846 8260
Vinyl chloride	ND	µg/L	10	SW 846 8260
Bromomethane	ND	µg/L	10	SW 846 8260
Chloroethane	ND	µg/L	10	SW 846 8260
Trichlorofluoromethane	ND	µg/L	10	SW 846 8260
1,1-Dichloroethene	ND	µg/L	10	SW 846 8260
Methylene chloride	ND	µg/L	10	SW 846 8260
Trans-1,2-Dichloroethene	ND	µg/L	10	SW 846 8260
1,1-Dichloroethane	ND	µg/L	10	SW 846 8260
Chloroform	ND	µg/L	10	SW 846 8260
1,2-Dichloroethane	ND	µg/L	10	SW 846 8260
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8260
Carbon tetrachloride	ND	µg/L	10	SW 846 8260
Benzene	ND	µg/L	10	SW 846 8260
1,2-Dichloropropane	ND	µg/L	10	SW 846 8260
Trichloroethene	ND	µg/L	10	SW 846 8260
2-Chloroethylvinyl ether	ND	µg/L	10	SW 846 8260
Cis-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
Trans-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
1,1,2-Trichloroethane	ND	µg/L	10	SW 846 8260
Toluene	ND	µg/L	10	SW 846 8260
Dibromochloromethane	ND	µg/L	10	SW 846 8260
Tetrachloroethene	ND	µg/L	10	SW 846 8260
Chlorobenzene	ND	µg/L	10	SW 846 8260
Ethylbenzene	ND	µg/L	10	SW 846 8260
Bromoform	ND	µg/L	10	SW 846 8260
1,1,2,2-Tetrachloroethane	ND	µg/L	10	SW 846 8260
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8260
Acetone	ND	µg/L	10	SW 846 8260
2-Butanone	ND	µg/L	10	SW 846 8260
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8260

Table 2

Honeywell Specialty Chemicals
Historical Analytical Results

Compound	NYSDEC AWQS (ug/L)	MW-1 10/17/94	MW-1 1/18/95	MW-2 10/17/94	MW-2 1/18/95	MW-2 5/27/03	MW-3 10/17/94	MW-3 1/18/95	MW-3 8/23/99	MW-3 10/19/00	MW-3 12/10/01	MW-3 11/19/02	MW-3 5/27/03	MW-3 11/13/03	MW-3 5/25/04	MW-3 4/28/05	MW-3 4/25/06	MW-3 5/1/07	MW-3 5/6/08
Total Arsenic	25	3 B	-	-	2.9 B	8.80 J	-	3 B	18	**34**	23 J	**63.3**	13.2 J	13.4 J	8.38 J	**33.0**	**39.0**	**39.0**	**34.0**
Soluble Arsenic	25	NA	NA	NA	NA	6.41 J	NA	NA	NA	NA	13 J	16 J	9.2 J	13.1 J	NA	NA	24	-	13
Total Barium	1,000	102 B	67.6	197 B	157 B	130	111 B	129 B	166	135	140	194	197	262	279	357	302	394	361
Soluble Barium	1,000	NA	NA	NA	NA	129	NA	NA	NA	NA	140	177	191	245	NA	NA	361	324	360
Acetone	50	12	-	11	6 J	NA	7	**59**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	50	-	-	-	-	NA	-	6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5	-	-	-	-	-	**36**	**10**	**20**	**17.1**	**7.62**	**16.2**	**12.3**	-	-	-	**10**	**12.3**	**11.2**
Tetrachloroethene (PCE)	5	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	2.11 J	-	-	-
Trichloroethene (TCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**5.20 J**	-	-	-
1,1-Dichloroethene	5	-	-	-	-	-	4	-	-	<10	-	-	-	-	-	-	-	-	-
Methylene Chloride	5	**11**	-	**8**	-	-	**8**	-	-	<10	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	-	-	-	-	-	**42**	**11**	**20**	**20.7**	**7.73**	**26.0**	**17.3**	-	-	**6.42 J**	**14**	**17.1**	**17.1**
1,2-Dichloroethane	0.6	**11**	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	2.86	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	-	-	-	3 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Bold data exceed NYSDEC Ambient Water Quality Standards (AWQS).
- = Compound not detected above analytical detection limits.
J = Analytical result is an estimate.
NA = Not analyzed.
B = Compond also identified in blank.

Table 2

Honeywell Specialty Chemicals
Historical Analytical Results

Compound	NYSDEC AWQS (ug/L)	MW-3 4/21/09	MW-3 4/29/10	MW-3 4/19/11	MW-3 4/17/12	MW-3 7/9/13	MW-3 7/9/14	MW-3 9/5/15	MW-3 8/16/16	MW-3 8/1/17	MW-3 6/26/18	MW-3 7/29/19	MW-3 9/15/20	MW-3 5/27/21	MW-3 6/14/22	MW-4 10/17/94	MW-4 1/18/95	MW-5 10/17/94	MW-5 1/18/95	MW-5 8/23/99
Total Arsenic	25	13	**58**	20	**36**	**145**	**44**	**90**	**176**	**54**	**150**	**466**	**83**	5	11	-	5.6 B	-	-	**113**
Soluble Arsenic	25	NA	-	-	18	**69**	-	NA	**43.7**	15	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Barium	1,000	206	147	313	204	289	203	455	446	215	246	425	374	360	142	183 B	243	71 B	74 B	170
Soluble Barium	1,000	NA	136	331	128	226	200	NA	508	244	180	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	NA	NA	NA	NA	NA	NA	NA	NA	-	NA	NA	-	-	-	6	-	5	-	NA
2-Butanone	50	NA	NA	NA	NA	NA	NA	NA	NA	-	NA	NA	-	-	-	-	-	-	-	NA
Chloroform	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5	**17.7**	**8.22**	**7.3**	**11.4**	**5.9**	-	**9.2**	4.7	**9.0**	**9.8**	4.2	4.1	4.1	**6.9**	-	-	-	-	-
Tetrachloroethene (PCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene (TCE)	5	-	-	-	-	-	-	-	-	-	-	0.90	0.51	-	-	-	-	-	-	-
1,1-Dichloroethene	5	**23.3**	-	-	2.54	2.1	2.3	3.3	1.6	4.4	4.1	2.4	1.8	2.0	3.2	-	-	-	-	-
Methylene Chloride	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8**	-	**12**	-	-
1,1-Dichloroethane	5	-	**12.1**	**10.6**	**21.1**	**8.5**	**19.2**	**29**	**28**	**38**	**40**	**22**	**19**	**18**	**24**	-	-	-	-	-
1,2-Dichloroethane	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	**4.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	5	-	-	-	-	-	-	-	-	-	-	3.9	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	**13.7**	-	**4.4**	-	-	**2.6**	-	-	-	-	-	-	-	-	-	-

Bold data exceed NYSDEC Ambient Water Quality Standards (AWQS).
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Table 2

Honeywell Specialty Chemicals
Historical Analytical Results

Compound	NYSDEC AWQS (ug/L)	MW-5 8/1/17	MW-5 6/26/18	MW-5 7/29/19	MW-5 9/15/20	MW-5 5/27/21	MW-5 6/14/22	MW-6 10/17/94	MW-6 1/18/95	MW-6 5/27/03	MW-7 10/17/94	MW-7 1/18/95	MW-8 10/17/94	MW-8 1/18/95	MW-9 10/17/94	MW-9 1/18/95	MW-9 5/25/04	MW-10 10/17/94	MW-10 1/18/95	MW-10 5/27/03
Total Arsenic	25	19	**122**	7	7	-	9	-	-	5.64 J	-	2.7 B	-	-	-	-	**28.1**	4 B	-	19.7 J
Soluble Arsenic	25	-	-	NA	NA	NA	NA	NA	NA	7.34 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Barium	1,000	137	254	209	143	180	195	84 B	61.5 B	65.2	176 B	204 B	90 B	77.2 B	149 B	134 B	205	33 B	22.3 B	16.5
Soluble Barium	1,000	124	165	NA	NA	NA	NA	NA	NA	69.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	-	NA	-	-	-	-	4	-	NA	9	-	6	-	27	18	NA	21	5 J	NA
2-Butanone	50	-	NA	-	-	-	-	-	-	NA	-	-	-	-	-	-	NA	-	-	NA
Chloroform	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene (TCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	5	-	-	-	-	-	-	5	-	-	**8**	-	**8**	-	**19**	-	-	**16**	-	-
1,1-Dichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-
Toluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Bold data exceed NYSDEC Ambient Water Quality Standards (AWQS).
- = Compound not detected above analytical detection limits.
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Table 2

Honeywell Specialty Chemicals
Historical Analytical Results

Compound	NYSDEC AWQS (ug/L)	MW-5 10/19/00	MW-5 12/10/01	MW-5 11/19/02	MW-5 5/27/03	MW-5 11/13/03	MW-5 5/25/04	MW-5 4/28/05	MW-5 4/25/06	MW-5 5/1/07	MW-5 5/6/08	MW-5 4/21/09	MW-5 4/29/10	MW-5 4/19/11	MW-5 4/17/12	MW-5 7/9/13	MW-5 7/9/14	MW-5 9/8/15	MW-5 8/16/16
Total Arsenic	25	**37**	20 J	24.1 J	15.1 J	**106**	8.17 J	13.3 J	-	-	**28.0**	20	**31**	11	**34**	12	16	-	6
Soluble Arsenic	25	NA	6 J	14.0 J	8.18 J	9.1 J	NA	8.85	10	-	14	NA	19	-	17	-	-	NA	-
Total Barium	1,000	100	80	95.1	83.8	214	63.9	94.9	92	58	56	50	61	56	56	70	61	58	169
Soluble Barium	1,000	NA	80	76	70.2	63.8	NA	86.4	71	21	63	NA	57	71	67	57	51	NA	108
Acetone	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1
Dibromochloromethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1
1,1,1-Trichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene (TCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	5	**31.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Bold data exceed NYSDEC Ambient Water Quality Standards (AWQS).
- = Compound not detected above analytical detection limits.
J = Analytical result is an estimate.
NA = Not analyzed.
B = Compond also identified in blank.

Table 3
Honeywell Specialty Chemicals
Groundwater Elevation Data

Monitoring Well ID	Water Level Measurement Date	Top of Well Casing Elevation (Feet AMSL)	Depth to Water (Feet TOC)	Water Table Elevation (Feet)
MW-1	10/17/1994	585.69	3.26	**582.43**
MW-1	11/8/1994	585.69	5.04	**580.65**
MW-1	11/15/1994	585.69	3.59	**582.10**
MW-1	1/17/1995	585.69	2.55	**583.14**
MW-2	10/17/1994	587.32	5.09	**582.23**
MW-2	11/8/1994	587.32	4.38	**582.94**
MW-2	11/15/1994	587.32	4.73	**582.59**
MW-2	1/17/1995	587.32	4.43	**582.89**
MW-2	8/23/1999	587.32	5.95	**581.37**
MW-2	10/19/2000	587.32	5.05	**582.27**
MW-2	12/10/2001	587.32	4.88	**582.44**
MW-2	11/19/2002	587.32	4.45	**582.87**
MW-2	5/27/2003	587.32	4.56	**582.76**
MW-2	11/13/2003	587.32	4.56	**582.76**
MW-2	5/25/2004	587.32	4.21	**583.11**
MW-2	4/28/2005	587.32	4.10	**583.22**
MW-2	4/25/2006	587.32	4.80	**582.52**
MW-2	5/1/2007	587.32	4.58	**582.74**
MW-2	5/6/2008	587.32	4.80	**582.52**
MW-2	4/21/2009	587.32	4.56	**582.76**
MW-2	4/29/2010	587.32	4.63	**582.69**
MW-2	4/19/2011	587.32	4.28	**583.04**
MW-2	4/17/2012	587.32	5.10	**582.22**
MW-2	7/9/2013	587.32	4.47	**582.85**
MW-2	7/9/2014	587.32	4.55	**582.77**
MW-2	9/8/2015	587.32	5.34	**581.98**
MW-2	8/16/2016	587.32	5.51	**581.81**
MW-2	8/1/2017	587.32	4.80	**582.52**
MW-2	6/26/2018	587.32	4.91	**582.41**
MW-2	7/29/2019	587.32	5.45	**581.87**
MW-2	9/15/2020	587.32	5.66	**581.66**
MW-2	5/27/2021	587.32	5.08	**582.24**
MW-2	6/14/2022	587.32	5.05	**582.27**
MW-3	10/17/1994	587.55	5.41	**582.14**
MW-3	11/8/1994	587.55	5.13	**582.42**
MW-3	11/15/1994	587.55	5.30	**582.25**
MW-3	1/17/1995	587.55	5.20	**582.35**
MW-3	8/23/1999	587.55	5.90	**581.65**
MW-3	10/19/2000	587.55	6.20	**581.35**
MW-3	12/10/2001	587.55	6.18	**581.37**
MW-3	11/19/2002	587.55	6.11	**581.44**
MW-3	5/27/2003	587.55	6.09	**581.46**
MW-3	11/13/2003	587.55	6.43	**581.12**
MW-3	5/25/2004	587.55	6.57	**580.98**
MW-3	4/28/2005	587.55	6.40	**581.15**
MW-3	4/25/2006	587.55	6.10	**581.45**
MW-3	5/1/2007	587.55	6.08	**581.47**
MW-3	5/6/2008	587.55	6.12	**581.43**
MW-3	4/21/2009	587.55	6.00	**581.55**
MW-3	4/29/2010	587.55	6.20	**581.35**
MW-3	4/19/2011	587.55	5.94	**581.61**
MW-3	4/17/2012	587.55	6.00	**581.55**
MW-3	7/9/2013	587.55	5.89	**581.66**
MW-3	7/9/2014	587.55	5.62	**581.93**
MW-3	9/8/2015	587.55	5.81	**581.74**
MW-3	8/16/2016	587.55	5.81	**581.74**
MW-3	8/1/2017	587.55	5.52	**582.03**
MW-3	6/26/2018	587.55	5.60	**581.95**
MW-3	7/29/2019	587.55	5.82	**581.73**
MW-3	9/15/2020	587.55	5.91	**581.64**
MW-3	5/27/2021	587.55	5.53	**582.02**
MW-3	6/14/2022	587.55	5.57	**581.98**

Table 3
Honeywell Specialty Chemicals
Groundwater Elevation Data

Monitoring Well ID	Water Level Measurement Date	Top of Well Casing Elevation (Feet AMSL)	Depth to Water (Feet TOC)	Water Table Elevation (Feet)
MW-4	10/17/1994	583.87	3.18	**580.69**
MW-4	11/8/1994	583.87	4.30	**579.57**
MW-4	11/15/1994	583.87	2.96	**580.91**
MW-4	1/17/1995	583.87	2.86	**581.01**
MW-5	10/17/1994	583.47	4.96	**578.51**
MW-5	11/8/1994	583.47	4.65	**578.82**
MW-5	11/15/1994	583.47	4.76	**578.71**
MW-5	1/17/1995	583.47	4.77	**578.70**
MW-5	8/23/1999	583.47	4.82	**578.65**
MW-5	10/19/2000	583.47	4.55	**578.92**
MW-5	12/10/2001	583.47	4.86	**578.61**
MW-5	11/19/2002	583.47	5.02	**578.45**
MW-5	5/27/2003	583.47	5.27	**578.20**
MW-5	11/13/2003	583.47	8.46	**575.01**
MW-5	5/25/2004	583.47	6.30	**577.17**
MW-5	4/28/2005	583.47	4.82	**578.65**
MW-5	4/25/2006	583.47	5.12	**578.35**
MW-5	5/1/2007	583.47	5.62	**577.85**
MW-5	5/6/2008	583.47	6.32	**577.15**
MW-5	4/21/2009	583.47	8.72	**574.75**
MW-5	4/29/2010	583.47	9.02	**574.45**
MW-5	4/19/2011	583.47	8.29	**575.18**
MW-5	4/17/2012	583.47	8.28	**575.19**
MW-5	7/9/2013	583.47	8.30	**575.17**
MW-5	7/9/2014	583.47	5.30	**578.17**
MW-5	9/8/2015	583.47	8.30	**575.17**
MW-5	8/16/2016	583.47	6.85	**576.62**
MW-5	8/1/2017	583.47	5.87	**577.60**
MW-5	6/26/2018	583.47	5.98	**577.49**
MW-5	7/29/2019	583.47	6.01	**577.46**
MW-5	9/15/2020	583.47	6.32	**577.15**
MW-5	5/27/2021	583.47	5.83	**577.64**
MW-5	6/14/2022	583.47	5.92	**577.55**
MW-6	10/17/1994	585.22	2.68	**582.54**
MW-6	11/8/1994	585.22	2.49	**582.73**
MW-6	11/15/1994	585.22	2.55	**582.67**
MW-6	1/17/1995	585.22	2.54	**582.68**
MW-6	5/27/2003	585.22	2.48	**582.74**
MW-6	10/17/1994	585.22	2.68	**582.54**
MW-6	11/8/1994	585.22	2.49	**582.73**
MW-6	11/15/1994	585.22	2.55	**582.67**
MW-6	1/17/1995	585.22	2.54	**582.68**
MW-6	5/27/2003	585.22	2.48	**582.74**
MW-6	7/9/2013	585.22	2.75	**582.47**
MW-6	7/9/2014	585.22	2.69	**582.53**
MW-6	9/8/2015	585.22	3.56	**581.66**
MW-6	8/16/2016	585.22	3.42	**581.80**
MW-6	8/1/2017	585.22	3.16	**582.06**
MW-6	6/26/2018	585.22	3.34	**581.88**
MW-6	7/29/2019	585.22	3.51	**581.71**
MW-6	9/15/2020	585.22	3.50	**581.72**
MW-6	5/27/2021	585.22	3.11	**582.11**
MW-6	6/14/2022	585.22	3.11	**582.11**

Table 3

Honeywell Specialty Chemicals
Groundwater Elevation Data

Monitoring Well ID	Water Level Measurement Date	Top of Well Casing Elevation (Feet AMSL)	Depth to Water (Feet TOC)	Water Table Elevation (Feet)
MW-7	10/17/1994	585.42	3.71	**581.71**
MW-7	11/8/1994	585.42	3.36	**582.06**
MW-7	11/15/1994	585.42	3.62	**581.80**
MW-7	1/17/1995	585.42	3.38	**582.04**
MW-7	7/9/2013	585.42	3.38	**582.04**
MW-7	7/9/2014	585.42	3.40	**582.02**
MW-7	9/8/2015	585.42	3.75	**581.67**
MW-7	8/16/2016	585.42	3.84	**581.58**
MW-7	8/1/2017	585.42	3.60	**581.82**
MW-7	6/26/2018	585.42	3.46	**581.96**
MW-7	7/29/2019	585.42	3.85	**581.57**
MW-7	9/15/2020	585.42	3.90	**581.52**
MW-7	5/27/2021	585.42	3.36	**582.06**
MW-7	6/14/2022	585.42	3.57	**581.85**
MW-8	10/17/1994	587.94	5.55	**582.39**
MW-8	11/8/1994	587.94	5.40	**582.54**
MW-8	11/15/1994	587.94	5.53	**582.41**
MW-8	1/17/1995	587.94	5.82	**582.12**
MW-8	8/23/1999	587.94	5.40	**582.54**
MW-8	10/19/2000	587.94	5.30	**582.64**
MW-8	12/10/2001	587.94	5.35	**582.59**
MW-8	11/19/2002	587.94	5.25	**582.69**
MW-8	5/27/2003	587.94	5.21	**582.73**
MW-8	11/13/2003	587.94	5.09	**582.85**
MW-8	5/25/2004	587.94	4.91	**583.03**
MW-8	4/28/2005	587.94	4.99	**582.95**
MW-8	4/25/2006	587.94	5.3	**582.64**
MW-8	5/1/2007	587.94	5.23	**582.71**
MW-8	5/6/2008	587.94	5.25	**582.69**
MW-8	4/21/2009	587.94	4.68	**583.26**
MW-8	4/29/2010	587.94	5.32	**582.62**
MW-8	4/19/2011	587.94	5.12	**582.82**
MW-8	4/17/2012	587.94	5.43	**582.51**
MW-8	7/9/2013	587.94	4.86	**583.08**
MW-8	7/9/2014	587.94	4.82	**583.12**
MW-8	9/8/2015	587.94	5.46	**582.48**
MW-8	8/16/2016	587.94	5.05	**582.89**
MW-8	8/1/2017	587.94	5.09	**582.85**
MW-8	6/26/2018	587.94	5.10	**582.84**
MW-8	7/29/2019	587.94	5.15	**582.79**
MW-8	9/15/2020	587.94	5.14	**582.80**
MW-8	5/27/2021	587.94	5.23	**582.71**
MW-8	6/14/2022	587.94	5.09	**582.85**
MW-9	10/17/1994	584.48	2.39	**582.09**
MW-9	11/8/1994	584.48	1.83	**582.65**
MW-9	11/15/1994	584.48	2.09	**582.39**
MW-9	1/17/1995	584.48	2.02	**582.46**
MW-9	10/19/2000	584.48	0.00	**584.48**
MW-9	5/27/2003	584.48	1.91	**582.57**
MW-9	5/25/2004	584.48	2.90	**581.58**
MW-9	4/19/2011	584.48	2.26	**582.22**
MW-9	4/17/2012	584.48	1.86	**582.62**
MW-9	7/9/2013	584.48	2.26	**582.22**
MW-9	7/9/2014	584.48	2.50	**581.98**
MW-9	9/8/2015	584.48	2.45	**582.03**
MW-9	8/16/2016	584.48	2.10	**582.38**
MW-9	8/1/2017	584.48	1.68	**582.80**
MW-9	6/26/2018	584.48	2.76	**581.72**
MW-9	7/29/2019	584.48	2.66	**581.82**
MW-9	9/15/2020	584.48	2.66	**581.82**
MW-9	5/27/2021	584.48	2.60	**581.88**

Table 3
Honeywell Specialty Chemicals
Groundwater Elevation Data

Monitoring Well ID	Water Level Measurement Date	Top of Well Casing Elevation (Feet AMSL)	Depth to Water (Feet TOC)	Water Table Elevation (Feet)
MW-10	10/17/1994	587.85	5.31	**582.54**
MW-10	11/8/1994	587.85	3.44	**584.41**
MW-10	11/15/1994	587.85	3.98	**583.87**
MW-10	1/17/1995	587.85	3.40	**584.45**
MW-10	8/23/1999	587.85	7.83	**580.02**
MW-10	10/19/2000	587.85	5.01	**582.84**
MW-10	12/10/2001	587.85	4.13	**583.72**
MW-10	11/19/2002	587.85	4.23	**583.62**
MW-10	5/27/2003	587.85	3.85	**584.00**
MW-10	11/13/2003	587.85	3.63	**584.22**
MW-10	5/25/2004	587.85	3.00	**584.85**
MW-10	4/28/2005	587.85	3.53	**584.32**
MW-10	4/25/2006	587.85	4.65	**583.20**
MW-10	5/1/2007	587.85	6.89	**580.96**
MW-10	5/6/2008	587.85	4.02	**583.83**
MW-10	4/21/2009	587.85	6.82	**581.03**
MW-10	4/29/2010	587.85	4.40	**583.45**
MW-10	4/19/2011	587.85	3.42	**584.43**
MW-10	4/17/2012	587.85	5.84	**582.01**
MW-10	7/9/2013	587.85	3.49	**584.36**
MW-10	7/9/2014	587.85	3.60	**584.25**
MW-10	9/8/2015	587.85	5.55	**582.3**
MW-10	8/16/2016	587.85	5.64	**582.21**
MW-10	8/1/2017	587.85	5.07	**582.78**
MW-10	6/26/2018	587.85	4.39	**583.46**
MW-10	7/29/2019	587.85	5.21	**582.64**
MW-10	9/15/2020	587.85	4.81	**583.04**
MW-10	5/27/2021	587.85	4.61	**583.24**
MW-10	6/14/2022	587.85	4.61	**583.24**

ATTACHMENT A

Well Sampling Records

LOW FLOW WELL SAMPLING RECORD

Site Name: *Honeywell BRL* Well ID: MW-3 Well Diameter: 2 Inches

Samplers: Tayler Schweigel Monitored Natural Attenuation Sample Set (Y/N)? n/a

Purging Data

WATER VOLUME CALCULATION				
= (Total Depth of Well - Depth To Water) x Casing Volume per Foot				
Casing Volumes (gal/ft.):				
1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36	
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4	

Method: Low Flow Date/Time: 6/14/2022 14:35

Time	DTW	Pump Rate	Vol.	pH	Spec. Cond.	Turbidity	Temp.	ORP	DO	TDS	Comments
24 hr.	ft.	ml/min.	gal.		mS/cm	NTU	°C				
14:35	5.86	200	0.0	7.61	2.36	16.8	23.12	39	0.13	1.52	
14:40	6.95	200	0.2	7.14	1.83	23.0	20.48	-15	0.00	1.18	
14:45	7.02	200	0.4	7.02	1.80	22.6	18.44	-27	0.00	1.15	
14:50	7.11	200	0.6	6.95	1.78	10.9	18.18	-28	0.00	1.14	
14:55	7.11	200	0.8	6.92	1.84	8.87	18.42	-23	0.00	1.18	
15:00	7.10	190	1.0	6.89	1.89	5.13	18.79	-16	0.00	1.21	pump at max but flow rate slowing, battery is wearing out, WL recovering
15:05	7.10	180	1.2	6.86	1.94	4.68	18.74	-11	0.00	1.24	
15:10	7.08	150	1.3	6.85	1.94	3.11	18.88	-9	0.00	1.24	
15:15	7.01	150	1.4	6.85	1.94	2.45	19.48	-7	0.00	1.24	

Sampling Data

Method: peristaltic pump Date/Time: 6/14/2022 15:20 Total Volume of Water purged: 1.5

Field Parameters

HORRIBA	
pH	6.85
Spec. Cond.(mS/cm)	1.94
Turbidity (NTU)	2.45
Temp.(°C)	19.48
ORP	-7
DO	0.00
TDS	1.24

SAMPLE SET			
Parameter	Bottle	Pres.	Method
Ar & Ba	250mL	HNO3	
Soluble Ar &Ba	250mL	NA	
Turbidity	250mL	NA	
VOC-TCL	3-40mL vial	HCL	

Comments:

PARSONS

LOW FLOW WELL SAMPLING RECORD

Site Name: *Honeywell BRL* Well ID: MW-5 Well Diameter: 2 Inches

Samplers: Tayler Schweigel Monitored Natural Attenuation Sample Set (Y/N)? n/a

Purging Data

WATER VOLUME CALCULATION				
= (Total Depth of Well - Depth To Water) x Casing Volume per Foot				
Casing Volumes (gal/ft.):				
1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36	
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4	

Method: Low Flow Date/Time: 6/14/2022 12:40

Time	DTW	Pump Rate	Vol.	pH	Spec. Cond.	Turbidity	Temp.	ORP	DO	TDS	Comments
24 hr.	ft.	ml/min.	gal.		mS/cm	NTU	°C				
12:40	5.99	350	0.0	6.22	0.71	103	19.84	72	0.58	0.45	
12:45	5.96	300	0.2	6.74	2.65	91.8	18.55	-38	0.23	1.66	
12:50	5.94	300	0.4	6.75	4.40	103	18.66	-44	0.16	2.76	
12:55	5.94	175	0.6	6.80	8.11	72.8	20.38	-40	0.03	5.07	
13:00	5.94	175	0.9	6.83	9.51	45.0	20.98	-34	0.00	6.03	
13:05	5.93	175	1.1	6.85	10.3	36.7	21.26	-30	1.00	6.69	
13:10	5.94	175	1.3	6.87	11.8	27.0	20.22	-26	0.22	7.27	
13:15	5.94	175	1.5	6.87	12.1	24.2	20.38	-22	0.28	7.57	
13:20	5.94	160	1.7	6.88	12.7	17.1	20.76	-19	0.36	7.83	
13:25	5.94	170	2.0	6.89	13.0	14.4	20.69	-15	0.22	8.08	
13:30	5.94	170	2.1	6.90	13.2	10.6	20.88	-11	0.03	8.16	
13:35	5.94	170	2.3	6.90	13.4	9.55	20.30	-8	0.01	8.33	
13:40	5.94	170	2.5	6.90	13.6	8.74	19.87	-5	0.00	8.45	
13:45	5.94	170	2.7	6.90	13.6	7.07	20.10	-3	0.00	8.46	
13:50	5.94	170	2.9	6.91	13.8	6.46	19.95	0	0.00	8.54	
13:55	5.94	170	3.1	6.91	13.7	6.84	20.43	2	0.00	8.52	

Sampling Data

Method: peristaltic pump Date/Time: 6/14/2022 14:00 Total Volume of Water purged: 3.3

Field Parameters

HORRIBA	
pH	6.91
Spec. Cond.(mS/cm)	13.7
Turbidity (NTU)	6.84
Temp.(°C)	20.43
ORP	2
DO	0.00
TDS	8.52

SAMPLE SET			
Parameter	Bottle	Pres.	Method
Ar & Ba	250mL	HNO3	
Soluble Ar &Ba	250mL	NA	
Turbidity	250mL	NA	
VOC-TCL	3-40mL vial	HCL	

Comments:

PARSONS

WELL INSPECTION FORM

Site Name	*Honeywell Specialty Chemicals*	Well ID	*MW-2*
Personnel	*Tayler Schweigel*		

Total Well Depth (TOC)	19.18	feet
Initial Static Water Level (TOC)	5.05	feet
Well Diameter	2	inches
Condition of Pro-Cover	fair	
Well Locked	**yes**	no
Condition of J-Plug	good	
Concrete Pad Condition	fair	
Asphalt Condition	n/a	
Date of Inspection	6/14/2022	
Time of Inspection	*12:22*	

Comments: *Stick up well.*

WELL INSPECTION FORM

Site Name	*Honeywell Specialty Chemicals*	Well ID	*MW-3*
Personnel	*Tayler Schweigel*		

Total Well Depth (TOC)	18.77	feet
Initial Static Water Level (TOC)	5.57	feet
Well Diameter	2	inches
Condition of Pro-Cover	fair	
Well Locked	**yes** / no	
Condition of J-Plug	good	
Concrete Pad Condition	good	
Asphalt Condition	n/a	
Date of Inspection	6/14/2022	
Time of Inspection	*14:20*	

Comments: *Stick up well. Lock was rusted shut. After cleaning the lock, it functioned correctly.*

WELL INSPECTION FORM

Site Name: *Honeywell Specialty Chemicals* Well ID: *MW-5*

Personnel: *Tayler Schweigel*

Total Well Depth (TOC)	15.77	feet
Initial Static Water Level (TOC)	5.92	feet
Well Diameter	2	inches
Condition of Pro-Cover	good	
Well Locked	yes / no	
Condition of J-Plug	good	
Concrete Pad Condition	good	
Asphalt Condition	good	
Date of Inspection	6/14/2022	
Time of Inspection	*11:25*	

Comments: *Flush mount. Bolted shut.*

WELL INSPECTION FORM

Site Name: *Honeywell Specialty Chemicals* Well ID: *MW-6*

Personnel: *Tayler Schweigel*

Total Well Depth (TOC)	16.78	feet
Initial Static Water Level (TOC)	3.11	feet
Well Diameter	2	inches
Condition of Pro-Cover	fair	
Well Locked	yes / no	
Condition of J-Plug	fair	
Concrete Pad Condition	good	
Asphalt Condition	good	
Date of Inspection	6/14/2022	
Time of Inspection	*14:10*	

Comments: *Flush mount. Bolted shut. Cover and bolts are rusted, making opening well difficult. Consider replacing bolts.*

WELL INSPECTION FORM

Site Name *Honeywell Specialty Chemicals* Well ID *MW-7*

Personnel *Tayler Schweigel*

Total Well Depth (TOC)	12.75	feet
Initial Static Water Level (TOC)	3.57	feet
Well Diameter	2	inches
Condition of Pro-Cover	good	
Well Locked	yes / no	
Condition of J-Plug	good	
Concrete Pad Condition	good	
Asphalt Condition	good	
Date of Inspection	6/14/2022	
Time of Inspection	*11:50*	

Comments: *Flush mount. Bolted shut.*

WELL INSPECTION FORM

Site Name: *Honeywell Specialty Chemicals* Well ID: *MW-8*

Personnel: *Tayler Schweigel*

Total Well Depth (TOC)	19.35	feet
Initial Static Water Level (TOC)	5.09	feet
Well Diameter	2	inches
Condition of Pro-Cover	fair	
Well Locked	**yes**	no
Condition of J-Plug	no j-plug	
Concrete Pad Condition	n/a	
Asphalt Condition	good	
Date of Inspection	6/14/2022	
Time of Inspection	*12:05*	

Comments: *Stick up well. Concrete pad covered by blacktop.*

WELL INSPECTION FORM

Site Name *Honeywell Specialty Chemicals* Well ID *MW-9*

Personnel *Tayler Schweigel*

Total Well Depth (TOC)		feet
Initial Static Water Level (TOC)		feet
Well Diameter		inches
Condition of Pro-Cover		
Well Locked	yes	no
Condition of J-Plug		
Concrete Pad Condition		
Asphalt Condition		
Date of Inspection	6/14/2022	
Time of Inspection		

Comments: ***Flush mount. Bolted shut. Partially paved over and unable to be opened.***

WELL INSPECTION FORM

Site Name *Honeywell Specialty Chemicals* Well ID *MW-10*

Personnel *Tayler Schweigel*

Total Well Depth (TOC)	18.15	feet
Initial Static Water Level (TOC)	4.61	feet
Well Diameter	2	inches
Condition of Pro-Cover	cover is broken but can still be locked	
Well Locked	**yes**	no
Condition of J-Plug	good	
Concrete Pad Condition	n/a	
Asphalt Condition	good	
Date of Inspection	6/14/2022	
Time of Inspection	*12:16*	

Comments: *Stick up well. Concrete pad covered by blacktop.*

ATTACHMENT B

Groundwater Analytical Results

ALPHA ANALYTICAL

ANALYTICAL REPORT

Lab Number:	L2231587
Client:	Honeywell 20 Peabody Street Buffalo, NY 14120
ATTN:	Matthew Kandefer
Phone:	(716) 827-6318
Project Name:	GROUNDWATER MONITORING
Project Number:	Not Specified
Report Date:	07/05/22

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

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

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified

Lab Number: L2231587
Report Date: 07/05/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2231587-01	MW-3	WATER	BUFFALO, NY	06/14/22 15:20	06/14/22
L2231587-02	MW-5	WATER	BUFFALO, NY	06/14/22 14:00	06/14/22
L2231587-03	TRIP BLANK	WATER	BUFFALO, NY	06/14/22 00:00	06/14/22

Project Name:	GROUNDWATER MONITORING	**Lab Number:**	L2231587
Project Number:	Not Specified	**Report Date:**	07/05/22

Case Narrative

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

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

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

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

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

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

Project Name:	GROUNDWATER MONITORING	**Lab Number:**	L2231587
Project Number:	Not Specified	**Report Date:**	07/05/22

Case Narrative (continued)

Report Submission

Please note that this report format does not contain typical QC parameters that were performed with these samples. As such, any QC outliers or non-conformances can only be reviewed by accessing your Alpha Customer Center account at www.alphalab.com and building a Data Usability table (format 11) in our Data Merger tool.

Volatile Organics

L2231587-01 and -02: The pH of the sample was less than two. It should be noted that 2-chloroethylvinyl ether breaks down under acidic conditions.

Turbidity

WG1650690: A Laboratory Duplicate was not performed due to a laboratory oversight.

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

Authorized Signature: Steven Gniadek

Title: Technical Director/Representative Date: 07/05/22

VOLATILES

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified

Lab Number: L2231587
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-01
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 06/14/22 15:20
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/26/22 18:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	--	1
1,1-Dichloroethane	24		ug/l	2.5	--	1
Chloroform	ND		ug/l	2.5	--	1
2-Chloroethylvinyl ether	ND		ug/l	10	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	1.5	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	2.5	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	6.9		ug/l	2.5	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	2.5	--	1
Ethylbenzene	ND		ug/l	2.5	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	2.5	--	1
1,1-Dichloroethene	3.2		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1

Project Name: GROUNDWATER MONITORING
Lab Number: L2231587
Project Number: Not Specified
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-01
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 06/14/22 15:20
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Acetone	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	118		70-130

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified

Lab Number: L2231587
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-02
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 06/14/22 14:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/26/22 18:29
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	--	1
1,1-Dichloroethane	ND		ug/l	2.5	--	1
Chloroform	ND		ug/l	2.5	--	1
2-Chloroethylvinyl ether	ND		ug/l	10	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	1.5	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	2.5	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	2.5	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	2.5	--	1
Ethylbenzene	ND		ug/l	2.5	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	2.5	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1

Project Name: GROUNDWATER MONITORING
Lab Number: L2231587
Project Number: Not Specified
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-02
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 06/14/22 14:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Acetone	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	119		70-130

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2231587
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-03
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY

Date Collected: 06/14/22 00:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/26/22 18:56
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	--	1
1,1-Dichloroethane	ND		ug/l	2.5	--	1
Chloroform	ND		ug/l	2.5	--	1
2-Chloroethylvinyl ether	ND		ug/l	10	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	1.5	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	2.5	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	2.5	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	2.5	--	1
Ethylbenzene	ND		ug/l	2.5	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	2.5	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1

Project Name: GROUNDWATER MONITORING
Lab Number: L2231587
Project Number: Not Specified
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-03
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY

Date Collected: 06/14/22 00:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Acetone	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	123		70-130

METALS

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2231587
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-01
Client ID: MW-3
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 06/14/22 15:20
Date Received: 06/14/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.011		mg/l	0.005	--	1	06/23/22 17:03	07/01/22 11:21	EPA 3005A	1,6010D	SB
Barium, Total	0.142		mg/l	0.010	--	1	06/23/22 17:03	06/30/22 13:09	EPA 3005A	1,6010D	EW

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2231587
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-02
Client ID: MW-5
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 06/14/22 14:00
Date Received: 06/14/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.009		mg/l	0.005	--	1	06/23/22 17:03	07/01/22 11:26	EPA 3005A	1,6010D	SB
Barium, Total	0.195		mg/l	0.010	--	1	06/23/22 17:03	06/30/22 13:14	EPA 3005A	1,6010D	EW

INORGANICS
&
MISCELLANEOUS

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified

Lab Number: L2231587
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-01
Client ID: MW-3
Sample Location: BUFFALO, NY

Sample Depth:
Matrix: Water

Date Collected: 06/14/22 15:20
Date Received: 06/14/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Turbidity	4.9		NTU	0.20	--	1	-	06/15/22 06:35	121,2130B	MR

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified

Lab Number: L2231587
Report Date: 07/05/22

SAMPLE RESULTS

Lab ID: L2231587-02
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 06/14/22 14:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Turbidity	5.0		NTU	0.20	--	1	-	06/15/22 06:35	121,2130B	MR

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified

Lab Number: L2231587
Report Date: 07/05/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2231587-01A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2231587-01B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2231587-01C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2231587-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		AS-TI(180),BA-TI(180)
L2231587-01E	Plastic 250ml unpreserved	A	7	7	3.4	Y	Absent		-
L2231587-01F	Plastic 250ml unpreserved	A	7	7	3.4	Y	Absent		TURB-2130(2)
L2231587-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.4	Y	Absent		HOLD-METAL-DISSOLVED(180)
L2231587-02A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2231587-02B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2231587-02C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2231587-02D	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		BA-TI(180),AS-TI(180)
L2231587-02E	Plastic 250ml unpreserved	A	7	7	3.4	Y	Absent		-
L2231587-02F	Plastic 250ml unpreserved	A	7	7	3.4	Y	Absent		TURB-2130(2)
L2231587-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.4	Y	Absent		HOLD-METAL-DISSOLVED(180)
L2231587-03A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2231587-03B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	GROUNDWATER MONITORING	**Lab Number:**	L2231587
Project Number:	Not Specified	**Report Date:**	07/05/22

GLOSSARY

Acronyms

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

Report Format: DU Report - No QC

Project Name:	GROUNDWATER MONITORING	**Lab Number:**	L2231587
Project Number:	Not Specified	**Report Date:**	07/05/22

Footnotes

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

Terms

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

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

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

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

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

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution. The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: DU Report - No QC

Project Name:	GROUNDWATER MONITORING	**Lab Number:**	L2231587
Project Number:	Not Specified	**Report Date:**	07/05/22

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report - No QC

Project Name: GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2231587
Report Date: 07/05/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of

Date Rec'd in Lab: 06/15/22

ALPHA Job #: L2231587

Client Information
Client: Honeywell
Address: 20 Peabody Street
Buffalo, NY 14120
Phone: 716-827-6318
Fax: 716-827-6221
Email: diana.overton@honeywell.com

Project Information
Project Name: Groundwater Monitoring
Project Location: Buffalo, NY
Project #
(Use Project name as Project #)
Project Manager: Diana Overton
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

☐ These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
Soluble Metals to be filtered and preserved by the lab. Soluble Metals only need to be analyzed if Turbidity exceed 50 NTU

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☑ Lab to do
Preservation
☑ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	As,Ba-6010C (lab filter)	As,Ba-6010C	NYTCL-8260 Client Specif	TURB-2130					Sample Specific Comments	
L2231587-01	MW-3	6/14/2022	1520	WW	TS	X	X	X	X					Lab Filter	6
-02	MW-5	6/14/2022	1400	WW	TS	X	X	X	X					Lab Filter	6
-03	Trip Blank		—	DI Water	TS			X							2

Container Type: P P V P
Preservative: A C H A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Peter Schweigel	6/14/22 1600	[signature] AAC	6/14/22 16:35
[signature]			
[signature] AAC	6/14/22 17:10	[signature]	6/15/22 00:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

Appendix C – Annual Site Evaluation

Site-Wide Inspection Form
(Annual and Emergency)

Honeywell, Inc.
Buffalo Research Laboratory
Buffalo, New York

SECTION I. GENERAL INFORMATION

Inspector Name and Title: Matt Kandefer, HSE Manager
Names of Others Present During Inspection: N/a

Date of Inspection: 5/17/22 Time of Inspection: 1 PM
Date of Last Inspection:
Weather: 55° F, windy, partly sunny

SECTION II. INSTITUTIONAL & ENGINEERING CONTROLS

Complete a Cover Inspection Form (in fulfillment of either the quarterly/annual or emergency requirements). Attach the form to this one, and answer the following questions.

1. **Is the Site use consistent with Institutional Controls laid out in the Environmental Easement? These include relegation of the Site to industrial use, prohibition of groundwater use, and the prohibition of vegetable growing/farming, and annual certifications.**

   (Yes) No

2. **Do the Engineering Controls laid out in the Site Management Plan (SMP) continue to be in place and effective, as evidenced by continued and current Site cover and Groundwater Monitoring Programs, in accordance with the Site Monitoring Plan (Section 4.0 of the SMP) and Cover Repair Plan (Section 7.0 of the SMP)?**

   (Yes) No

3. **Has the Site gone without any non-routine management activities that are not already covered by an Excavation Work Plan?**

   (Yes) No

4. **Has the Site complied with all permit and reporting requirements since the completion of the last Site-wide Inspection?**

   (Yes) No

5. **Are all Site records up to date?**

   (Yes) No

SECTION III. IDENTIFICATION OF SITUATIONS REQUIRING ACTION

If you answered "No" to any questions in Section II, complete the following (place a check next to each item to verify completion):

_____1. Attach a detailed description of the reason(s) for which you answered "No" in Section II. Include photographs as appropriate.
_____2. Identify on an attached Site Plan the approximate location of the area(s) for which you answered "Yes" in Section II, if applicable.
_____ 3. Immediately notify and provide a copy of this form to the Honeywell HSE Manager or designee so that corrective action can be implemented in accordance with the Site Monitoring and Cover Repair Plans (Sections 4.0 and 7.0 of the Site Management Plan). Obtain HSE Manager or designee signature below.

SECTION IV. SIGNATURES

Required for each inspection:

Matt Kandler — Inspector
5/17/22 — Date

If required by Section III:

M. Hall — HSE Manager
5/17/22 — Date

or

_____ — HSE Manager Designee
_____ — Date

Attachments (List): _____

Filing Requirements: Original to Inspection Form file
Copy to HSE Manager or designee
Copy to be included in Periodic Review Report

Appendix D - Site Soil Disturbance Events Documentation – Concrete Sidewalk and Stormwater Grading Project

Honeywell

ADVANCED MATERIALS
20 Peabody Street
Buffalo, NY 14210
www.honeywell.com

1/30/2023

Mr. Joshua Vaccaro
NYS Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2915

Re: Site Management Plan – Sidewalk Replacement Project B514/516
NYSDEC Site Number 915002

Dear Mr. Vaccaro:

Honeywell completed a sidewalk replacement and stormwater grading project at the site in 2022. The area of sidewalk replacement and stormwater grading was partially in Area #2 as defined in the Site Management Plan. Area #2, as described in the Site Management Plan, has had arsenic concentrations from 46.8 to 343 mg/kg. Occhino Corporation removed/replaced older concrete sidewalks and performed soil grading/repair for stormwater flow between buildings 514/516 and 513. Approximately 4,900 square feet of sidewalk was replaced in this area. See attached map for approximate locations of the sidewalk replacement and stormwater grading.

All disturbed soil was excavated/graded and staged for sampling and disposal. Soil was staged on poly sheeting and covered with poly sheeting until the sample results were received. The soil analytical results show total arsenic levels of 79.8 mg/kg and TCLP arsenic levels of 0.0259 mg/l in the composite sample. The stone backfill for the new sidewalks obtained from Occhino Corp from New Enterprise Stone and Gravel – Werhle Drive Location. The soil disposal was handled through Veolia to an approved landfill (Waste Management -Chaffee). Approximately 101.38 tons of soil was disposed of at the Waste Management Chaffee landfill from this project.

The notice of excavation, photos, waste manifests, and weight tickets are attached.

Honeywell

ADVANCED MATERIALS
20 Peabody Street
Buffalo, NY 14210
www.honeywell.com

9/15/2022

Mr. Joshua Vaccaro
NYS Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2915

Re: Site Management Plan – Notice of Excavation
NYSDEC Site Number 915002

Dear Mr. Vaccaro:

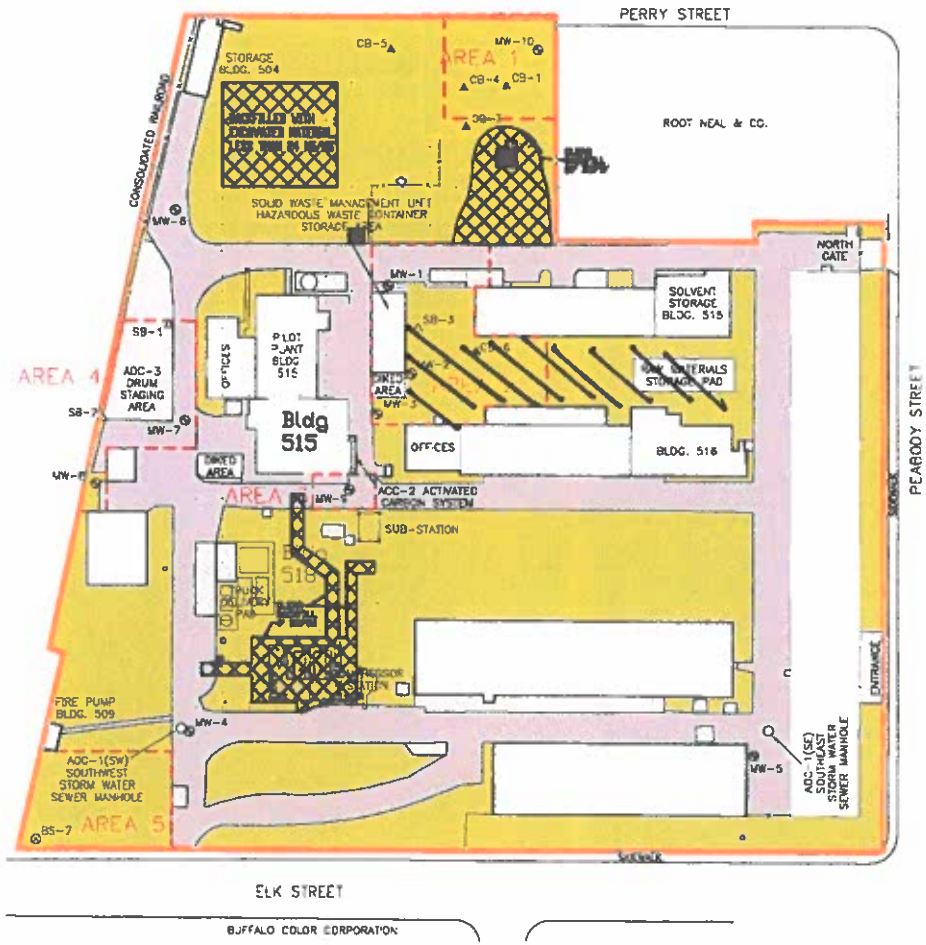
Please accept this notification of excavation for the Buffalo Research Laboratory. We will be replacing concrete sidewalks and performing some limited soil grading for stormwater flow in the area marked on the attached map. We anticipate some soil disturbance from 0-6 inches in depth around the sidewalks. We will also bring in clean topsoil for the grading activities.

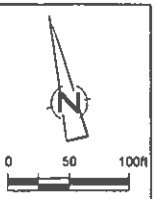
We anticipate less than one week of work starting the first week in October. We will follow the excavation work plan as detailed in our Site Management Plan. Concrete will be disposed of as C&D debris. Any underlying or graded soil will be stockpiled for testing and disposal. We will seed any exposed/disturbed soil after completion of the project.

Please contact me at 716-471-3158 or if you have any questions.

Best Regards,

Matt Kandefer
HSE Manager





Area of sidewalk repair + regrading for stormwater

LEGEND:

- SITE BOUNDARY (FOR SITE MANAGEMENT PLAN)
- = ESTIMATED AREA WITH ELEVATED ARSENIC CONCENTRATION IN SURFACE SOIL
- = MONITORING WELL LOCATION
- = SUPPLEMENTAL INVESTIGATION SOIL BORING LOCATION
- = TEST BORING LOCATION
- = CORRECTIVE MEASURE STUDY SOIL SAMPLE LOCATION
- = MANHOLE LOCATION
- AOC-1 = AREA OF CONCERN
- = GRASSY AREA
- = GRAVEL AREA
- = CONCRETE AREA
- = ASPHALT PAVEMENT AREA

NOTE:
ALL AREAS WITHIN THE SITE BOUNDARIES, INCLUDING UNDERNEATH BUILDINGS, ARE SUBJECT TO THE INSTITUTIONAL AND ENGINEERING CONTROLS AND THE SITE MANAGEMENT PLAN, INCLUDING THE EXCAVATION WORK PLAN.

figure 3

ESTIMATED AREAS OF ARSENIC IMPACT
20 PEABODY STREET
Buffalo, New York

33979-00(003)GN-NI003 AUG 11/2017

Honeywell

ADVANCED MATERIALS
20 Peabody Street
Buffalo, NY 14210
www.honeywell.com

Photos:

Honeywell

ADVANCED MATERIALS
20 Peabody Street
Buffalo, NY 14210
www.honeywell.com

Honeywell

ADVANCED MATERIALS
20 Peabody Street
Buffalo, NY 14210
www.honeywell.com

ANALYTICAL REPORT

Lab Number:	L2301349
Client:	Honeywell 20 Peabody Street Buffalo, NY 14120
ATTN:	Matthew Kandefer
Phone:	(716) 827-6318
Project Name:	TCLP ANALYSIS
Project Number:	A001358408
Report Date:	01/17/23

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

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

Project Name: TCLP ANALYSIS
Project Number: A001358408

Lab Number: L2301349
Report Date: 01/17/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2301349-01	SOIL 1	SOLID	Not Specified	01/09/23 15:00	01/10/23
L2301349-02	NEMO	WATER	Not Specified	01/09/23 15:30	01/10/23

Project Name:	TCLP ANALYSIS	**Lab Number:**	L2301349
Project Number:	A001358408	**Report Date:**	01/17/23

Case Narrative

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

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

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

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

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

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

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

Case Narrative (continued)

Report Submission

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

TCLP Volatiles

L2301349-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

TCLP Semivolatiles

The WG1733390-2/-3 LCS/LCSD recoveries, associated with L2301349-02, are below the acceptance criteria for pyridine (4%/6%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

The WG1732825-3 MS recovery for arsenic (59%), performed on L2301349-01, does not apply because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 01/17/23

ORGANICS

VOLATILES

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

SAMPLE RESULTS

Lab ID: L2301349-01
Client ID: SOIL 1
Sample Location: Not Specified
Date Collected: 01/09/23 15:00
Date Received: 01/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 01/13/23 10:39
Analyst: JIC
Percent Solids: 82%
TCLP/SPLP Ext. Date: 01/12/23 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**132**	Q	70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	116		70-130

Project Name: TCLP ANALYSIS
Lab Number: L2301349
Project Number: A001358408
Report Date: 01/17/23

SAMPLE RESULTS

Lab ID: L2301349-02 D
Client ID: NEMO
Sample Location: Not Specified

Date Collected: 01/09/23 15:30
Date Received: 01/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 01/16/23 08:22
Analyst: MCM

TCLP/SPLP Ext. Date: 01/13/23 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	150	44.	200
Carbon tetrachloride	ND		ug/l	100	27.	200
Tetrachloroethene	990		ug/l	100	36.	200
Chlorobenzene	ND		ug/l	100	36.	200
1,2-Dichloroethane	ND		ug/l	100	26.	200
Benzene	ND		ug/l	100	32.	200
Vinyl chloride	ND		ug/l	200	14.	200
1,1-Dichloroethene	ND		ug/l	100	34.	200
Trichloroethene	ND		ug/l	100	35.	200
1,4-Dichlorobenzene	ND		ug/l	500	37.	200
2-Butanone	ND		ug/l	1000	390	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
dibromofluoromethane	111		70-130

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/13/23 07:25
Analyst: MCM
TCLP/SPLP Extraction Date: 01/12/23 11:06

Extraction Date: 01/12/23 11:06

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1733273-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
dibromofluoromethane	110		70-130

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/16/23 05:43
Analyst: MCM
TCLP/SPLP Extraction Date: 01/13/23 12:00

Extraction Date: 01/13/23 12:00

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1733812-5					
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Benzene	ND		ug/l	0.50	0.16
Vinyl chloride	ND		ug/l	1.0	0.07
1,1-Dichloroethene	ND		ug/l	0.50	0.17
Trichloroethene	ND		ug/l	0.50	0.18
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
2-Butanone	ND		ug/l	5.0	1.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
dibromofluoromethane	112		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: TCLP ANALYSIS

Project Number: A001358408

Lab Number: L2301349

Report Date: 01/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1733273-3 WG1733273-4								
Chloroform	120		110		70-130	9		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		99		75-130	1		25
1,2-Dichloroethane	110		110		70-130	0		20
Benzene	100		100		70-130	0		25
Vinyl chloride	100		99		55-140	1		20
1,1-Dichloroethene	100		100		61-145	0		25
Trichloroethene	100		110		70-130	10		25
1,4-Dichlorobenzene	94		96		70-130	2		20
2-Butanone	93		95		63-138	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		110		70-130
Toluene-d8	107		102		70-130
4-Bromofluorobenzene	96		94		70-130
dibromofluoromethane	104		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TCLP ANALYSIS
Project Number: A001358408

Lab Number: L2301349
Report Date: 01/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1733812-3 WG1733812-4								
Chloroform	99		96		70-130	3		20
Carbon tetrachloride	100		99		63-132	1		20
Tetrachloroethene	99		97		70-130	2		20
Chlorobenzene	94		94		75-130	0		25
1,2-Dichloroethane	92		92		70-130	0		20
Benzene	97		97		70-130	0		25
Vinyl chloride	99		95		55-140	4		20
1,1-Dichloroethene	98		96		61-145	2		25
Trichloroethene	94		92		70-130	2		25
1,4-Dichlorobenzene	93		93		70-130	0		20
2-Butanone	90		91		63-138	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		101		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	90		91		70-130
dibromofluoromethane	106		107		70-130

SEMIVOLATILES

Project Name: TCLP ANALYSIS
Project Number: A001358408

Lab Number: L2301349
Report Date: 01/17/23

SAMPLE RESULTS

Lab ID: L2301349-02
Client ID: NEMO
Sample Location: Not Specified

Date Collected: 01/09/23 15:30
Date Received: 01/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 01/15/23 21:14
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 01/14/23 02:31

TCLP/SPLP Ext. Date: 01/11/23 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	3.4	1
2,4-Dinitrotoluene	ND		ug/l	25	1.9	1
Hexachlorobutadiene	ND		ug/l	10	3.0	1
Hexachloroethane	ND		ug/l	10	2.2	1
Nitrobenzene	ND		ug/l	10	3.3	1
2,4,6-Trichlorophenol	ND		ug/l	25	2.5	1
Pentachlorophenol	ND		ug/l	50	9.8	1
2-Methylphenol	ND		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	76		33-120

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/15/23 18:29
Analyst: CMM
TCLP/SPLP Extraction Date: 01/11/23 12:55

Extraction Method: EPA 3510C
Extraction Date: 01/14/23 02:31

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1733390-1					
Hexachlorobenzene	ND		ug/l	10	3.4
2,4-Dinitrotoluene	ND		ug/l	25	1.9
Hexachlorobutadiene	ND		ug/l	10	3.0
Hexachloroethane	ND		ug/l	10	2.2
Nitrobenzene	ND		ug/l	10	3.3
2,4,6-Trichlorophenol	ND		ug/l	25	2.5
Pentachlorophenol	ND		ug/l	50	9.8
2-Methylphenol	ND		ug/l	25	5.5
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8
2,4,5-Trichlorophenol	ND		ug/l	25	1.9
Pyridine	ND		ug/l	18	4.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	64		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: TCLP ANALYSIS

Project Number: A001358408

Lab Number: L2301349

Report Date: 01/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1733390-2 WG1733390-3								
Hexachlorobenzene	72		68		40-140	6		30
2,4-Dinitrotoluene	68		68		40-132	0		30
Hexachlorobutadiene	64		56		28-111	13		30
Hexachloroethane	50		45		21-105	11		30
Nitrobenzene	56		52		40-140	7		30
2,4,6-Trichlorophenol	76		72		30-130	5		30
Pentachlorophenol	71		68		9-103	4		30
2-Methylphenol	66		62		30-130	6		30
3-Methylphenol/4-Methylphenol	72		70		30-130	3		30
2,4,5-Trichlorophenol	82		77		30-130	6		30
Pyridine	**4**	Q	**6**	Q	10-66	**33**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		60		21-120
Phenol-d6	60		57		10-120
Nitrobenzene-d5	58		53		23-120
2-Fluorobiphenyl	73		71		15-120
2,4,6-Tribromophenol	79		75		10-120
4-Terphenyl-d14	66		64		33-120

METALS

Project Name: TCLP ANALYSIS
Lab Number: L2301349
Project Number: A001358408
Report Date: 01/17/23

SAMPLE RESULTS

Lab ID: L2301349-01
Client ID: SOIL 1
Sample Location: Not Specified
Date Collected: 01/09/23 15:00
Date Received: 01/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Percent Solids: 82%
TCLP/SPLP Ext. Date: 01/11/23 16:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0259	J	mg/l	1.00	0.0190	1	01/13/23 15:48	01/15/23 14:46	EPA 3015	1,6010D	AMW
Barium, TCLP	0.473	J	mg/l	0.500	0.0210	1	01/13/23 15:48	01/15/23 17:03	EPA 3015	1,6010D	AMW
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	01/13/23 15:48	01/15/23 14:46	EPA 3015	1,6010D	AMW
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	01/13/23 15:48	01/15/23 14:46	EPA 3015	1,6010D	AMW
Lead, TCLP	0.0409	J	mg/l	0.500	0.0270	1	01/13/23 15:48	01/15/23 14:46	EPA 3015	1,6010D	AMW
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	01/13/23 15:30	01/16/23 08:40	EPA 7470A	1,7470A	DMB
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	01/13/23 15:48	01/15/23 14:46	EPA 3015	1,6010D	AMW
Silver, TCLP	ND		mg/l	0.100	0.0280	1	01/13/23 15:48	01/15/23 14:46	EPA 3015	1,6010D	AMW

Project Name: TCLP ANALYSIS
Lab Number: L2301349
Project Number: A001358408
Report Date: 01/17/23

SAMPLE RESULTS

Lab ID: L2301349-01
Client ID: SOIL 1
Sample Location: Not Specified
Date Collected: 01/09/23 15:00
Date Received: 01/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	79.8		mg/kg	0.484	0.101	1	01/12/23 20:45	01/13/23 12:50	EPA 3050B	1,6010D	DMB

Project Name: TCLP ANALYSIS
Lab Number: L2301349
Project Number: A001358408
Report Date: 01/17/23

SAMPLE RESULTS

Lab ID: L2301349-02
Client ID: NEMO
Sample Location: Not Specified
Date Collected: 01/09/23 15:30
Date Received: 01/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
TCLP/SPLP Ext. Date: 01/11/23 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	01/13/23 15:48	01/13/23 19:56	EPA 3015	1,6010D	DMB
Barium, TCLP	ND		mg/l	0.500	0.0210	1	01/13/23 15:48	01/13/23 21:05	EPA 3015	1,6010D	GCL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	01/13/23 15:48	01/13/23 19:56	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	01/13/23 15:48	01/13/23 19:56	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	01/13/23 15:48	01/13/23 19:56	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	01/13/23 15:30	01/16/23 16:03	EPA 7470A	1,7470A	DMB
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	01/13/23 15:48	01/13/23 19:56	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	01/13/23 15:48	01/13/23 19:56	EPA 3015	1,6010D	DMB

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1732825-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/12/23 20:45	01/13/23 12:33	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG1733185-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	01/13/23 15:48	01/13/23 19:49	1,6010D	DMB
Barium, TCLP	ND		mg/l	0.500	0.0210	1	01/13/23 15:48	01/13/23 20:58	1,6010D	GCL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	01/13/23 15:48	01/13/23 19:49	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	01/13/23 15:48	01/13/23 19:49	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	01/13/23 15:48	01/13/23 19:49	1,6010D	DMB
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	01/13/23 15:48	01/13/23 19:49	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	01/13/23 15:48	01/13/23 19:49	1,6010D	DMB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 01/11/23 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG1733187-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	01/13/23 15:30	01/16/23 15:50	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 01/11/23 12:55

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1733229-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	01/13/23 15:48	01/15/23 14:09	1,6010D	AMW
Barium, TCLP	ND		mg/l	0.500	0.0210	1	01/13/23 15:48	01/15/23 16:49	1,6010D	AMW
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	01/13/23 15:48	01/15/23 14:09	1,6010D	AMW
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	01/13/23 15:48	01/15/23 14:09	1,6010D	AMW
Lead, TCLP	ND		mg/l	0.500	0.0270	1	01/13/23 15:48	01/15/23 14:09	1,6010D	AMW
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	01/13/23 15:48	01/15/23 14:09	1,6010D	AMW
Silver, TCLP	ND		mg/l	0.100	0.0280	1	01/13/23 15:48	01/15/23 14:09	1,6010D	AMW

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 01/10/23 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1733231-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	01/13/23 15:30	01/16/23 08:23	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 01/10/23 15:04

Lab Control Sample Analysis

Batch Quality Control

Project Name: TCLP ANALYSIS

Project Number: A001358408

Lab Number: L2301349

Report Date: 01/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1732825-2 SRM Lot Number: D116-540								
Arsenic, Total	104		-		82-119	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG1733185-2								
Arsenic, TCLP	100		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	98		-		75-125	-		20
Chromium, TCLP	96		-		75-125	-		20
Lead, TCLP	98		-		75-125	-		20
Selenium, TCLP	101		-		75-125	-		20
Silver, TCLP	96		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG1733187-2								
Mercury, TCLP	92		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: TCLP ANALYSIS

Project Number: A001358408

Lab Number: L2301349

Report Date: 01/17/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1733229-2					
Arsenic, TCLP	112	-	75-125	-	20
Barium, TCLP	96	-	75-125	-	20
Cadmium, TCLP	106	-	75-125	-	20
Chromium, TCLP	95	-	75-125	-	20
Lead, TCLP	99	-	75-125	-	20
Selenium, TCLP	110	-	75-125	-	20
Silver, TCLP	92	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1733231-2					
Mercury, TCLP	91	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: TCLP ANALYSIS
Project Number: A001358408

Lab Number: L2301349
Report Date: 01/17/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1732825-3 QC Sample: L2301349-01 Client ID: SOIL 1												
Arsenic, Total	79.8	11.2	86.4	**59**	Q	-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1733185-3 QC Sample: L2301349-02 Client ID: NEMO												
Arsenic, TCLP	ND	1.2	1.39	116		-	-		75-125	-		20
Barium, TCLP	ND	20	18.4	92		-	-		75-125	-		20
Cadmium, TCLP	ND	0.53	0.557	105		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.90	95		-	-		75-125	-		20
Lead, TCLP	ND	5.3	4.81	91		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.36	113		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.571	114		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1733187-3 QC Sample: L2301349-02 Client ID: NEMO												
Mercury, TCLP	ND	0.025	0.0245	98		-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1733229-3 QC Sample: L2301150-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.41	118		-	-		75-125	-		20
Barium, TCLP	0.294J	20	19.7	98		-	-		75-125	-		20
Cadmium, TCLP	ND	0.53	0.582	110		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.90	95		-	-		75-125	-		20
Lead, TCLP	0.135J	5.3	5.53	104		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.33	111		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.455	91		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TCLP ANALYSIS
Project Number: A001358408

Lab Number: L2301349
Report Date: 01/17/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1733231-3 QC Sample: L2301150-01 Client ID: MS Sample									
Mercury, TCLP	ND	0.025	0.0229	92	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: TCLP ANALYSIS
Project Number: A001358408

Lab Number: L2301349
Report Date: 01/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1732825-4 QC Sample: L2301349-01 Client ID: SOIL 1						
Arsenic, Total	79.8	69.3	mg/kg	14		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1733185-4 QC Sample: L2301349-02 Client ID: NEMO						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1733185-4 QC Sample: L2301349-02 Client ID: NEMO						
Barium, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1733187-4 QC Sample: L2301349-02 Client ID: NEMO						
Mercury, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: TCLP ANALYSIS
Project Number: A001358408

Lab Number: L2301349
Report Date: 01/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1733229-4 QC Sample: L2301150-01 Client ID: DUP Sample					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	0.135J	0.125J	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1733229-4 QC Sample: L2301150-01 Client ID: DUP Sample					
Barium, TCLP	0.294J	0.279J	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1733231-4 QC Sample: L2301150-01 Client ID: DUP Sample					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

SAMPLE RESULTS

Lab ID: L2301349-01
Client ID: SOIL 1
Sample Location: Not Specified
Sample Depth:
Matrix: Solid

Date Collected: 01/09/23 15:00
Date Received: 01/10/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	01/11/23 10:54	121,2540G	ROI

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

SAMPLE RESULTS

Lab ID: L2301349-02
Client ID: NEMO
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 01/09/23 15:30
Date Received: 01/10/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	8.4		SU	-	NA	1	-	01/16/23 21:18	121,4500H+-B	MDG
Flash Point	>150		deg F	70	NA	1	-	01/17/23 07:17	1,1010A	MRM
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	01/14/23 10:15	01/14/23 13:41	125,7.3	TMS
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	01/14/23 10:15	01/14/23 12:32	125,7.3	TMS

Project Name: TCLP ANALYSIS
Project Number: A001358408
Lab Number: L2301349
Report Date: 01/17/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG1733263-1										
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	01/14/23 10:15	01/14/23 12:30	125,7.3	TMS
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG1733264-1										
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	01/14/23 10:15	01/14/23 13:40	125,7.3	TMS

Lab Control Sample Analysis

Batch Quality Control

Project Name: TCLP ANALYSIS

Project Number: A001358408

Lab Number: L2301349

Report Date: 01/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1733263-2								
Sulfide, Reactive	99		-		60-125	-		25
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1733264-2								
Cyanide, Reactive	84		-		30-125	-		25
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1734009-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1734119-1								
Flash Point	98		-		96-104	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: TCLP ANALYSIS
Project Number: A001358408

Lab Number: L2301349
Report Date: 01/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1732187-1 QC Sample: L2301339-37 Client ID: DUP Sample						
Solids, Total	79.0	79.6	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1733263-3 QC Sample: L2301349-02 Client ID: NEMO						
Sulfide, Reactive	ND	ND	mg/l	NC		25
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1733264-3 QC Sample: L2301349-02 Client ID: NEMO						
Cyanide, Reactive	ND	ND	mg/l	NC		25
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1734009-2 QC Sample: L2301288-01 Client ID: DUP Sample						
pH	6.7	6.6	SU	2		5

Project Name: TCLP ANALYSIS
Project Number: A001358408

Lab Number: L2301349
Report Date: 01/17/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2301349-01A	Plastic 2oz unpreserved for TS	A	NA		5.1	Y	Absent		TS(7)
L2301349-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.1	Y	Absent		AS-TI(180)
L2301349-01C	Vial Large Septa unpreserved (4oz)	A	NA		5.1	Y	Absent		TCLP-EXT-ZHE(14)
L2301349-01D	Glass 250ml/8oz unpreserved	A	NA		5.1	Y	Absent		-
L2301349-01S	Vial unpreserved Extracts	A	NA		5.1	Y	Absent		TCLP-VOA(14)
L2301349-01T	Vial unpreserved Extracts	A	NA		5.1	Y	Absent		TCLP-VOA(14)
L2301349-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		5.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2301349-01X9	Tumble Vessel	A	NA		5.1	Y	Absent		-
L2301349-02A	Vial unpreserved	A	NA		5.1	Y	Absent		TCLP-EXT-ZHE(14)
L2301349-02B	Vial unpreserved	A	NA		5.1	Y	Absent		TCLP-EXT-ZHE(14)
L2301349-02C	Vial unpreserved	A	NA		5.1	Y	Absent		TCLP-EXT-ZHE(14)
L2301349-02D	Amber 500ml unpreserved	A	7	7	5.1	Y	Absent		REACTS(7),REACTCN(7),FLASH(),PH-4500(.01)
L2301349-02E	Plastic 950ml unpreserved	A	7	7	5.1	Y	Absent		-
L2301349-02F	Amber 1000ml unpreserved	A	7	7	5.1	Y	Absent		-
L2301349-02S	Vial unpreserved Extracts	A	NA		5.1	Y	Absent		TCLP-VOA(14)
L2301349-02T	Vial unpreserved Extracts	A	NA		5.1	Y	Absent		TCLP-VOA(14)
L2301349-02W	Amber 1000ml unpreserved Extracts	A	NA		5.1	Y	Absent		TCLP-8270(14)
L2301349-02X	Plastic 120ml HNO3 preserved Extracts	A	NA		5.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2301349-02X9	Tumble Vessel	A	NA		5.1	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	TCLP ANALYSIS	**Lab Number:**	L2301349
Project Number:	A001358408	**Report Date:**	01/17/23

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	TCLP ANALYSIS	**Lab Number:**	L2301349
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Footnotes

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

Terms

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

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

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

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

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

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	TCLP ANALYSIS	**Lab Number:**	L2301349
Project Number:	A001358408	**Report Date:**	01/17/23

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	TCLP ANALYSIS	**Lab Number:**	L2301349
Project Number:	A001358408	**Report Date:**	01/17/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

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Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/11/23

ALPHA Job #: L2361349

Client Information

Client: Honeywell
Address: 20 Peabody Street
Buffalo, NY 14120
Phone: 716 471 3158
Fax:
Email: matthew.kandefer@honeywell.com

Project Information

Project Name: TCLP Analysis
Project Location:
Project #: A001358408
(Use Project name as Project #) ☐
Project Manager: Matthew Kandefer
ALPHAQuote #: 20594

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☑ NY
☐ Other: NA

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	T. Arsenic - 6010D / TS	TCLP-VOC	TCLP-RCRA8	Flashpoint/pH/ Reactivity	TCLP-VOC	TCLP-SVOC	TCLP-RCRA8	Sample Specific Comments
01349-01	~~Soil Sample~~ Soil 1	1/9/23	1500	Solid	ME	X	X	X					Soil for disposal
-02	NEHO	1/9/23	1530	Water	ME				X	X	X	X	NEHO scrubber

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottles

Container Type	1 Plastic	1 Amber	1 Amber	1 Amber	3 Glass	1 Amber	1 Plastic
Preservative	None	None	None	Cool	None	Cool	None

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Matt Kandefer/HW	1/10/23 1:05PM	AAK	1/10/23 1305
AAK	1/10/23 1330		1/11/23 0002

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	NYD000632315	1	(877) 818-0087	ZZ 00348474

GENERATOR

5. Generator's Name and Mailing Address: MATTHEW KANDEFER
HONEYWELL INTERNATIONAL, INC.
20 PEABODY STREET
BUFFALO, NY 14210
Generator's Phone: 716 827-6318

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: DIG IT OF NEW YORK LLC.
U.S. EPA ID Number: N/A 9A-786

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: WM OF NEW YORK, LLC
10860 OLEAN ROAD
CHAFFEE, NY 14030-9799
U.S. EPA ID Number: NOT REQ 095
Facility's Phone: 716 496-3420

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. NON-REGULATED MATERIAL PER 40 & 49 CFR, (NON HAZ SOIL WITH TRACE ARSENIC, BARIUM; BELOW REGULATORY LIMITS) **(ALPHA# L2166037; 12/16/21)	1	DT	20	T	NONE L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: **(VES-TON.,NY2); *(NEED C.O.D'S); **(EMERGENCY RESPONSE # 1-877-818-0087; CONTRACTED BY VESTS); + 1) W:327213 A:CIN327213 VES1;H132; **(ESTIMATED WEIGHT USED)

15. **GENERATOR S/OFFEROR S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Matt Kandefer
Signature: Matt
Month Day Year: 1 27 23 (1/30/23)

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Shipment
Transporter 1 Printed/Typed Name: Jim DeMetro
Signature:
Month Day Year: 1 30 23
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Shipping Document Tracking Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a
Printed/Typed Name: Chapman
Signature:
Month Day Year: 1 30 23

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	NYD000632315	1	(877) 818-0087	ZZ 00348476

5. Generator's Name and Mailing Address: MATTHEW KANDEFER
HONEYWELL INTERNATIONAL, INC.
20 PEABODY STREET
BUFFALO, NY 14210
Generator's Phone: 716 827-6318

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: DIG IT OF NEW YORK LLC. U.S. EPA ID Number: N/A 94-786

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WM OF NEW YORK, LLC
10860 OLEAN ROAD
CHAFFEE, NY 14030-9799
Facility's Phone: 716 496-3420 U.S. EPA ID Number: NOT REQ 095

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. NON-REGULATED MATERIAL PER 40 & 49 CFR, (NON HAZ SOIL WITH TRACE ARSENIC, BARIUM; BELOW REGULATORY LIMITS) **(ALPHA# L2166037; 12/16/21)	1	DT	20	T	NONE L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: **(VES-TON.,NY2); *(NEED C.O.D'S); **(EMERGENCY RESPONSE # 1-877-818-0087; CONTRACTED BY VESTS); + 1) W:327213 A:CIN327213 VES1;H132; **(ESTIMATED WEIGHT USED)

15. GENERATOR S/OFFEROR S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MATT Kandefer Signature: Month 1 Day 30 Year 23

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Shipment

Transporter 1 Printed/Typed Name: Mike Cashman Signature: Month 1 Day 30 Year 23

Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Shipping Document Tracking Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a

Printed/Typed Name: Thomas Signature: Month 1 Day 30 Year 23

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT

1. Generator ID Number: NYD000632315
2. Page 1 of
3. Emergency Response Phone: 8778180087
4. Shipping Document Tracking Number: ZZ 00452142

5. Generator's Name and Mailing Address
Honeywell International
20 Peabody St. Buffalo NY 14210
Generator's Phone: 716 827 6318
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SERAFINI Inc.
U.S. EPA ID Number: N/A 9A-737

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
WM New York LLC
10860 Olean Road
Chaffee NY 14030
U.S. EPA ID Number: Not Req
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. Non-regulated Material per 40+49 CFR (Non-haz soil with trace Arsenic, Barium; below regulatory limits) ** (Alpha # L3166037)	1	DT	20	T	None L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information ** (VES-TOL NYD) * (need C.O.C's); ** Emergency Response # 1-877-818-0087) Contracted by VESTS; 1) W32 7213 A: CIN 327213 VES: H132
Estimate weight used

15. GENERATOR S/OFFEROR S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Mat Kandefer
Signature
Month 1 Day 30 Year 23

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Shipment
Transporter 1 Printed/Typed Name: Steel Wait
Signature
Month 1 Day 30 Year 23
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Shipping Document Tracking Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year
19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)
1. 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a
Printed/Typed Name
Signature
Month 1 Day 30 Year 23

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	NYD000632315		877 818 0087	ZZ 00452143

5. Generator's Name and Mailing Address
Honeywell International Inc.
20 Peabody St. Buffalo NY 14210
Generator's Phone: 716-827-6318

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
DIG IT of NY LLC.
U.S. EPA ID Number: NA 9A-786

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
WM of New York, LLC
10860 OLEAN Rd
Chaffee, NY 14030-9799
U.S. EPA ID Number:
Facility's Phone: NOT REQ 095

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. Non-Regulated material Per 40+49 CFR (Non-HAZ Soil with Trace Arsenic, Barium; below Regulatory Limits) (Alpha #L2166037: 12/6/23)	1	DT	20	T	none / L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
**(VES-TON, NY); * (Need C.O.D.s); (Emergency Response #1-877-818-0087; Contracted by VESTS); 1) W: 327213 A: CIN327213 VES1; H132; ** (Estimated weight used)

15. GENERATOR S/OFFEROR S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Matt Kandefer
Signature:
Month Day Year: 1 30 23

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Shipment
Transporter 1 Printed/Typed Name: Jim DiMetro
Signature:
Month Day Year: 1 30 23
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Shipping Document Tracking Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year:
19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)
1. 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a
Printed/Typed Name:
Signature:
Month Day Year: 1 30 23

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number NYD000632315	2. Page 1 of 1	3. Emergency Response Phone (877) 818-0087	4. Shipping Document Tracking Number ZZ 00348475

5. Generator's Name and Mailing Address: MATTHEW KANDEFER
HONEYWELL INTERNATIONAL, INC.
20 PEABODY STREET
BUFFALO, NY 14210
Generator's Phone: 716 827-6318

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: Oil Tech of New York LLC — U.S. EPA ID Number: N/A — 9A-786

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: WM OF NEW YORK, LLC
10860 OLEAN ROAD
CHAFFEE, NY 14030-9799
Facility's Phone: 716 496-3420 — U.S. EPA ID Number

NOT REQ 095

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. NON-REGULATED MATERIAL PER 40 & 49 CFR, (NON HAZ SOIL WITH TRACE ARSENIC, BARIUM; BELOW REGULATORY LIMITS) **(ALPHA# L2166037; 12/16/21)	1	DT	20	T	NONE L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: **(VES-TON,NY2); *(NEED C.O.D'S); **(EMERGENCY RESPONSE # 1-877-818-0087; CONTRACTED BY VESTS); + 1) W:327213 A:CIN327213 VES1;H132; **(ESTIMATED WEIGHT USED)

15. GENERATOR S/OFFEROR S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Matt Kandefer — Signature — Month 11 Day 30 Year 23

INT'L
16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: — Transporter signature (for exports only): — Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Shipment
Transporter 1 Printed/Typed Name: Mike Lomasco — Signature — Month 1 Day 30 Year 23
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
18b. Alternate Facility (or Generator) — Shipping Document Tracking Number: — U.S. EPA ID Number — Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year
19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)
1. 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a
Printed/Typed Name — Signature — Month 1 Day 30 Year 23

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	NYD 000632315		877 818-0087	ZZ 00452151

5. Generator's Name and Mailing Address
Honeywell International
20 Peabody St Buffalo NY 14210

Generator's Site Address (if different than mailing address)

Generator's Phone: 716 827 6318

6. Transporter 1 Company Name: Sesa Envl Inc. — U.S. EPA ID Number: NA 94-737

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
WM of New York LLC.
10860 Olean Rd, Chaffee NY 14030

U.S. EPA ID Number

Facility's Phone: 716 496-3420 — NOT Rec'd 095

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. Non-Regulated Material Per 40+49 CFR (non Haz soil with Trace Arsenic, Barium; Below Regulatory Limits) *(Alpha # L2016037: 12/16/2	1	DT	20	T	None / L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information ** (VES-TON, NY2); * (need C.O.Cs); ** Emergency Response # 1-877-818-0087; Contracted by VESTS); (1) W:327013 A: C1327213 VES1: H132; CEstimated weight used)

15. GENERATOR S/OFFEROR S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MATT Kandefer — Signature: [signature] — Month 1 Day 30 Year 23

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Shipment

X Transporter 1 Printed/Typed Name: Steel Waite — Signature: — Month 1 Day 30 Year 23

Transporter 2 Printed/Typed Name — Signature: Steel Waite — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Shipping Document Tracking Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a

Printed/Typed Name — Signature: [signature] — Month 1 Day 30 Year 23

DESIGNATED FACILITY TO GENERATOR

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Reprint
Ticket# 740241

Customer Name	VEOLIACORPORATE-327213 VEOLIA	Carrier	DIG IT DIG IT OF NY
Ticket Date	01/30/2023	Vehicle#	112
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0003761
State Waste Code		Gen EPA ID	NOT REQUIRED
Manifest	348474		
Destination			
PO	OU 36145 TONAWANDA		
Profile	327213 (NH SOIL)		
Generator	190-HONEYWELLBUFFALO HONEYWELL		

Volume

	Time	Scale	Operator	Inbound		
In	01/30/2023 08:22:00	INBOUND	JChapma7		Gross	61380 lb
Out	01/30/2023 08:22:00		JChapma7		Tare	29260 lb
					Net	32120 lb
					Tons	16.06

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil RCG-Tons	100	16.06	Tons				ERI

Total Fees
Total Ticket

Driver`s Signature _____4E5-1500

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Reprint
Ticket# 740244

Customer Name VEOLIACORPORATE-327213 VEOLIA
Ticket Date 01/30/2023
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 348476
Destination
PO OU 36145 TONAWANDA
Profile 327213 (NH SOIL)
Generator 190-HONEYWELLBUFFALO HONEYWELL

Carrier DIG IT DIG IT OF NY
Vehicle# 114
Container
Driver
Check#
Billing # 0003761
Gen EPA ID NOT REQUIRED

Volume

	Time	Scale	Operator	Inbound		
In	01/30/2023 08:34:15	INBOUND	JChapma7		Gross	63140 lb
Out	01/30/2023 08:34:15		JChapma7		Tare	31080 lb
					Net	32060 lb
					Tons	16.03

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil RCG-Tons	100	16.03	Tons				ERI

Total Fees
Total Ticket

Driver`s Signature _____4E5-1500

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Reprint
Ticket# 740245

Customer Name	VEOLIACORPORATE-327213 VEOLIA	Carrier	SERAFINI INC MICHAEL SERAFINI
Ticket Date	01/30/2023	Vehicle#	89
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0003761
State Waste Code		Gen EPA ID	NOT REQUIRED
Manifest	452142		
Destination			
PO	OU 36145 TONAWANDA		
Profile	327213 (NH SOIL)		
Generator	190-HONEYWELLBUFFALO HONEYWELL		

Volume

	Time	Scale	Operator	Inbound		
In	01/30/2023 08:36:29	INBOUND	JChapma7		Gross	60420 lb
Out	01/30/2023 08:53:02	OUTBOUND	JChapma7		Tare	31740 lb
					Net	28680 lb
					Tons	14.34

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil RCG-Tons	100	14.34	Tons				ERI

Total Fees
Total Ticket

Driver`s Signature _____4E5-1500

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Reprint
Ticket# 740265

Customer Name	VEOLIACORPORATE-327213 VEOLIA	Carrier	DIG IT DIG IT OF NY		
Ticket Date	01/30/2023	Vehicle#	112	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver			
Hauling Ticket#		Check#			
Route		Billing #	0003761		
State Waste Code		Gen EPA ID	NOT REQUIRED		
Manifest	452143				
Destination					
PO	OU 36145 TONAWANDA				
Profile	327213 (NH SOIL)				
Generator	190-HONEYWELLBUFFALO HONEYWELL				

	Time	Scale	Operator	Inbound		
In	01/30/2023 10:35:55	INBOUND	JChapma7		Gross	69380 lb
Out	01/30/2023 10:35:55		JChapma7		Tare	29260 lb
					Net	40120 lb
					Tons	20.06

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil RCG-Tons	100	20.06	Tons				ERI

Total Fees
Total Ticket

Driver`s Signature _____4E5-1500

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Reprint
Ticket# 740267

Customer Name	VEOLIACORPORATE-327213 VEOLIA	Carrier	DIG IT DIG IT OF NY
Ticket Date	01/30/2023	Vehicle#	114
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0003761
State Waste Code		Gen EPA ID	NOT REQUIRED
Manifest	348475		
Destination			
PO	OU 36145 TONAWANDA		
Profile	327213 (NH SOIL)		
Generator	190-HONEYWELLBUFFALO HONEYWELL		

Volume

	Time	Scale	Operator	Inbound		
In	01/30/2023 10:41:12	INBOUND	JChapma7		Gross	74120 lb
Out	01/30/2023 10:41:12		JChapma7		Tare	31080 lb
					Net	43040 lb
					Tons	21.52

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil RCG-Tons	100	21.52	Tons				ERI

Total Fees
Total Ticket

Driver`s Signature _____4E5-1500

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Reprint
Ticket# 740269

Customer Name	VEOLIACORPORATE-327213 VEOLIA	Carrier	SERAFINI INC MICHAEL SERAFINI
Ticket Date	01/30/2023	Vehicle#	89
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0003761
State Waste Code		Gen EPA ID	NOT REQUIRED
Manifest	452151		
Destination			
PO	OU 36145 TONAWANDA		
Profile	327213 (NH SOIL)		
Generator	190-HONEYWELLBUFFALO HONEYWELL		

Volume

	Time	Scale	Operator	Inbound		
In	01/30/2023 10:45:15	INBOUND	JChapma7		Gross	56480 lb
Out	01/30/2023 11:12:03	OUTBOUND	JChapma7		Tare	29740 lb
					Net	26740 lb
					Tons	13.37

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	13.37	Tons				ERI
2	DO-DIGOUT	100	15.00	Each				

Total Fees
Total Ticket

Driver`s Signature _____4E5-1500