134 Greenridge Drive, Manlius, NY 13104

August 1, 2024

Mr. Zach Baxter
City of Amsterdam
61 Church Street
Amsterdam, NY 1201

Via email: zbaxter@amsterdamny.gov

RE: Semi-annual Monitoring Report: Groundwater Extraction and Treatment System
Ward Products Site, 61 Edson Street, Amsterdam, NY
NYSDEC Site No. 429004

Dear Mr. Baxter:

James Environmental Management (JEM) is submitting this semi-annual report on behalf of 61 Edson Street, LLC (Owner) regarding the Ward Products Site, New York State Department of Environmental Conservation (NYSDEC) Site No. 429004, located at 61 Edson Street, Amsterdam, NY (the Site). The following paragraphs provide a brief Site background followed by a description of the observations and monthly monitoring reports for the first half of 2024, along with the results of semi-annual discharge monitoring.

BACKGROUND

A history of industrial use at the Site has resulted in the presence of several Chlorinated Volatile Organic Compounds (CVOCs) in groundwater. Previous remediation at the Site, included the removal of impacted soil between November 2008 and February 2009 and installation and operation of a groundwater extraction and treatment system (GWETS), resulted in the Site being designated Class 4. Ongoing operation, maintenance and monitoring (OM&M) of the GWETS is required. From June 2020 to February 2024, LaBella Associates performed the requisite inspections, sampling, and reporting along with maintenance and upgrades to the GWETS. Beginning in February 2024, JEM took over inspections, sampling, OM&M, and reporting responsibilities under contract to the Owner.

MONTHLY MONITORING ACTIVITIES

JEM's environmental technician (Thomas Macomber of Ambient Environmental, Inc.) mobilized to the Site to perform the monthly inspections for February to June, 2024 (LaBella performed the January 2024 inspection). On all occasions, the system was confirmed to be operating within normal parameters and the current status was logged accordingly. Inspection forms were placed in a binder located in the treatment system shed.

On 24 June 2024, JEM's environmental technician mobilized to the Site to set up a 24-hour

collection at the Influent and Effluent sample ports. This approach is required for the collection of a 24-hour composite sample to be analyzed for Total Chromium.

On 25 June 2024, JEM's environmental technician mobilized to the Site to perform the monthly inspection and collect semi-annual water samples for laboratory analysis. A grab water sample was collected from the system for pH and Trichloroethene (TCE) analyses using single-use nitrile gloves and laboratory-supplied containers. Containers used for the 24-hour composite samples were closed, shaken thoroughly to mix, and representative samples were collected using single-use nitrile gloves and laboratory-supplied bottles. All samples were delivered to Alpha Analytical, a NYSDOH ELAP certified laboratory, immediately following departure from the Site.

Monthly inspection records are attached and a summary of GWETS conditions recorded during each monthly inspection are summarized below.

Inspection Date	ORIGINAL RW-2 Influent Flow Meter Reading	CORRECTED RW-2 Influent Flow Meter Reading	RW-1 Gallons Since Last Meter Reading	ACTUAL RW-2 Gallons Since Last Meter Reading
January 22	NR	NR	NR	NR
February 26	3,055,337.340	305,533.7340	NR	NR
March 20	3,139,360.175	313,936.0175	4,144.31	8,402.2835
April 23	3,148,590.77	314,859.077	458.858	923.0595
May 22	3,148,591.7	314,859.17	17,800.632	0.093
June 25	3,148,590.77	314,859.077	37,442.69	-0.093

NR = Not Recorded during this monthly inspection or unable to be calculated at this time.

Please note that meter reading errors occurred in May and June, resulting in the corrections shown in the above table. JEM is in the process of evaluating issues associated with RW-2 operations.

SUMMARY OF ANALYTICAL RESULTS

Influent and Effluent samples were collected on 25 June 2024. Total Chromium samples were collected from the 24-hour composite containers set up the previous morning. Both composite samples were collected over the course of 24 hours, timed to within one minute from start to finish. A table summarizing the analytical results is attached as Table 1 and the full laboratory report is attached immediately following the monthly inspection reports.

A summary of the analytical results are as follows:

- The Influent samples contained detectable concentrations of TCE and Total Chromium above the Groundwater Cleanup Objectives outlined in the Operation and Maintenance Manual for the system.
- The Effluent samples contained detectable concentrations of TCE and Total Chromium below the Groundwater Cleanup Objectives outlined in the Operation and Maintenance Manual for the system.
- The pH of each sample was within the appropriate range described within the Operation and Maintenance Manual for the system.

Of note is that pH values are within the permit-required range of 6-9 standard units and the Total Chromium value is orders of magnitude lower than the permit limit of 10 mg/l (the permit does not contain a limit for TCE).

CONCLUSIONS

Monthly inspections and monitoring of the GWETS indicate that the overall system is continuing to capture and treat groundwater affected with VOCs and chromium. JEM is in the process of evaluating RW-2 to identify and correct the flow issue. JEM will continue to perform monthly inspections and will perform the next semi-annual groundwater sampling event in mid-to-late December 2024.

Please contact me at (315) 263-3388 or by email (jfblasting@james-em.com) if you have questions or need additional information. Thank you.

Respectfully;
James Environmental Management

James F. Blasting, P.G.
Principal

CC: Michael Clark: mclark@amsterdamny.gov
Randy Gardinier: rgardinier@amsterdamny.gov

Attachments

ATTACHMENT 1

QUARTERLY INSPECTION REPORTS

JANUARY TO JUNE, 2024

LaBella Associates, D.P.C.
Work Request Form

Date: 1-29-2024

Site Name:	Former Ward Products
Address:	61 Edson Street, Amsterdam, NY - Lock Code 0061
Site Owner:	Sticker Mule, LLC

NOTES: *SYS EFF pH = 7.0

RW-1:	**RW-2:**
TOC to GRADE: 0.25' **TOC to Pitless: 0.15'**	**TOC to GRADE: 0.6'** **TOC to Pitless: 3.5'**
Pump Depth (from Pitless): 73.15'	**Pump Depth (from Pitless): 40.7'**
Well Total Depth (from TOC): 77.4'	**Well Total Depth (from TOC): 44.25'**
DTW (static)/DTW (pumping): /	**DTW (static)/DTW (pumping):** /
PUMP OFF (CLOCK TIME): 2/8 min **PUMP ON (CLOCK TIME):**	**PUMP OFF (CLOCK TIME):** **PUMP ON (CLOCK TIME):**
FLOW RATE WHEN PUMPING:	**FLOW RATE WHEN PUMPING:**

GWE System Operational Data

GWE System	Arrival	Depart	GWE System	Arrival	Depart
Status (On/Off):	ON		*RW-02 Pressure (psi)*		
Pressure at Bag Filter (psi)	2.2		*Air Stripper Sump Pressure (in. H_2O)*	~~13~~ 9	
RW-01 Totalizer (Inside)	1010508	01190	*Air Stripper Stack Pressure (in. H_2O)*	0	
RW-01 Totalizer (Outside)	80025		*Stack PID (ppm)*	0	
RW-01 Pressure (psi)	8 PSI		*Stack Air Speed (fpm)*	862	
RW-2 Totalizer (Inside)	2269777		*Effluent pH Reading*	7.0	
RW-02 Totalizer (Outside)	—		*Shed Temperature (°F)*	50	

GWE Wells

Well ID	Diameter	TOC	DTW on Arrival	Pumping/Not Pumping	NOTES
RW-1	6"		53.62	NOT	
RW-2	6"		15.01	NOT	

SSDS Points

SSDS	In. H_2O	SSDS	In. H_2O	SSDS	In. H_2O
1-A	3.25	*2-C*	2.5	*5-A*	2.25
1-B	3.25	*3-A*	3.25	*5-B*	2.5
1-C	3.25	*3-B*	3.25	*6-A*	0.5
2-A	2.5	*4-A*	3.5	*6-B*	0.5
2-B	2.75	*4-B*	3.5		

Monthly Inspection Form
Former Ward Products Site, 61 Edson Street, Amsterdam, NY
NYSDEC Site No. 429004

Site Management Plan (SMP) requirements:

- Documentation of volume discharged to the City of Amsterdam POTW;
- Inspection of all treatment components;
- Documentation of all system operating pressures;
- Testing of system interlocks;
- Report any maintenance requirements or operations issues to PM within 24 hours.

Inspection performed by: Thomas Macomber (Printed Name) on 26 February 2024 (Date)

Weather: 39°F at 0930, sunny, forecast high of 48°F, sunrise at 0638, sunset at 1741, wind towards northeast at 7 mph, 53% humidity

Temperature inside treatment shed: 57°F

Is system running upon arrival: X Yes ___No
If no, did you determine the problem and restart system: ___Yes ___No X N/A

Describe: System was functioning properly. During 'hand-off' meeting, Terry Bohn of LaBella demonstrated manual overrides of several functions to demonstrate how the system normally functioned and how specific components could be adjusted/controlled as desired or for maintenance.

Any alarm conditions upon arrival: ___Yes X No If yes, describe: N/A

Flow meter readings: RW-1 810016.7 gallons RW-2 3055337.34 gallons

System Total Gallons Reading: 38996 gallons Tank Column Reading: 17 inches

Water samples collected: Influent ___Yes X No Effluent ___Yes X No
(if yes, attach Chain of Custody)

Other pertinent observations (add second page if needed): Error warning light was blinking inside the control system housing. During the 'hand-off' meeting, Terry Bohn of LaBella directly connected and confirmed diagnosis of old PLC battery, used as backup warning; replaced battery and reset reminder for replacement for March 2026.

Monthly Inspection Form
Former Ward Products Site, 61 Edson Street, Amsterdam, NY
NYSDEC Site No. 429004

Site Management Plan (SMP) requirements:

- Documentation of volume discharged to the City of Amsterdam POTW;
- Inspection of all treatment components;
- Documentation of all system operating pressures;
- Testing of system interlocks;
- Report any maintenance requirements or operations issues to PM within 24 hours.

Inspection performed by: Thomas Macomber (Printed Name) on 20 March 2024 (Date)

Weather: 40°F at 1023, mostly cloudy, forecast high of 44°F, sunrise at 0659, sunset at 1909, Wind towards ENE at 11 mph, 61% humidity

Temperature inside treatment shed: 61°F

Is system running upon arrival: X Yes ___No
If no, did you determine the problem and restart system: ___Yes ___No X N/A

Describe: _____

Any alarm conditions upon arrival: ___Yes X No If yes, describe: N/A

Flow meter readings: RW-1 814161.01 gallons RW-2 3139360.175 gallons

System Total Gallons Reading: 52140 gallons Tank Column Reading: 15 inches

Water samples collected: Influent ___Yes X No Effluent ___Yes X No
(if yes, attach Chain of Custody)

Other pertinent observations (add second page if needed): MW-1 pressure at 10 PSI, MW-2 pressure at 47.8 PSI, vent pressure at 46 PSI, stack pressure at 9.1 PSI, stack sump pressure at 0 PSI. Influent pH measured 7.4 using pH indicator paper. Effluent pH measured 8.2 using pH indicator paper.

Monthly Inspection Form
Former Ward Products Site, 61 Edson Street, Amsterdam, NY
NYSDEC Site No. 429004

Site Management Plan (SMP) requirements:

- Documentation of volume discharged to the City of Amsterdam POTW;
- Inspection of all treatment components;
- Documentation of all system operating pressures;
- Testing of system interlocks;
- Report any maintenance requirements or operations issues to PM within 24 hours.

Inspection performed by: Thomas Macomber (Printed Name) on 23 April 2024 (Date)

Weather: 55°F at 1000, sunny, forecast high of 68°F, sunrise at 0601, sunset at 1949, wind towards ENE at 5mph, 61% humidity

Temperature inside treatment shed: 70°F

Is system running upon arrival: X* Yes ___ No
If no, did you determine the problem and restart system: ___ Yes ___ No ___ N/A

Describe: System was idle throughout the entire duration of the inspection; however, the full system was confirmed to be set to "Auto" and the MW-1 pump was listed as last active 11 minutes prior to arrival.

Any alarm conditions upon arrival: ___ Yes X No If yes, describe: ___

Flow meter readings: RW-1 814619.868 gallons RW-2 3148590.770 gallons

System Total Gallons Reading: 57518 gallons Tank Column Reading: 14.7 inches

Water samples collected: Influent ___ Yes X No Effluent ___ Yes X No
(if yes, attach Chain of Custody)

Other pertinent observations (add second page if needed): RW-1 pressure at 11 PSI, RW-2 pressure at 2.5 PSI, vent pressure at 0 PSI, stack pressure at 0 PSI, stack sump pressure at 0 PSI.

Monthly Inspection Form
Former Ward Products Site, 61 Edson Street, Amsterdam, NY
NYSDEC Site No. 429004

Site Management Plan (SMP) requirements:

- Documentation of volume discharged to the City of Amsterdam POTW;
- Inspection of all treatment components;
- Documentation of all system operating pressures;
- Testing of system interlocks;
- Report any maintenance requirements or operations issues to PM within 24 hours.

Inspection performed by: Mark Dugas (Printed Name) on 22 May 2024 (Date)

Weather: Sunny 83°F at 1150. Slight wind.

Temperature inside treatment shed: 88°F

Is system running upon arrival: X* Yes ___ No
If no, did you determine the problem and restart system: ___ Yes ___ No ___ N/A

Describe: System was running for most of the time of the site visit. Idle for portion of the site visit. As with previous reports, the system was confirmed to be set to "Auto". For the time it was running, the blower was running but recovery well pumps were idle.

Any alarm conditions upon arrival: ___ Yes X No If yes, describe: ___

Flow meter readings: RW-1 832420.5 gallons RW-2 3148591.7 gallons

System Total Gallons Reading: 74810 gallons Tank Column Reading: 11.5 inches

Water samples collected: Influent ___ Yes X No Effluent ___ Yes X No
(if yes, attach Chain of Custody)

Other pertinent observations (add second page if needed): RW-1 and RW-2 water pressure was 0 PSI, stack pressure at 0 PSI, stack sump pressure at 11 PSI while running.

Monthly Inspection Form
Former Ward Products Site, 61 Edson Street, Amsterdam, NY
NYSDEC Site No. 429004

Site Management Plan (SMP) requirements:

- Documentation of volume discharged to the City of Amsterdam POTW;
- Inspection of all treatment components;
- Documentation of all system operating pressures;
- Testing of system interlocks;
- Report any maintenance requirements or operations issues to PM within 24 hours.

Inspection performed by: Thomas Macomber (Printed Name) on 25 June 2024 (Date)

Weather: 73°F at 0955, sunny, forecast high of 85°F, sunrise at 0519, sunset at 2039, Wind towards ENE at 10 mph, 67% humidity

Temperature inside treatment shed: 75°F

Is system running upon arrival: ___ Yes ___ No _X_ Idle
If no, did you determine the problem and restart system: ___ Yes ___ No _X_ N/A

Describe: _____

Any alarm conditions upon arrival: ___ Yes _X_ No If yes, describe: N/A

Flow meter readings: RW-1 869863.19 gallons RW-2 3148590.77 gallons

System Total Gallons Reading: 110890 gallons Tank Column Reading: 10.9 inches

Water samples collected: Influent _X_ Yes ___ No Effluent _X_ Yes ___ No
(if yes, attach Chain of Custody)

Other pertinent observations (add second page if needed): MW-1 pressure at 0 PSI, MW-2 pressure at 0 PSI, vent pressure at 0 PSI, stack pressure at 0.3 PSI, stack sump pressure at 0 PSI. Influent sample collected at 1016. Effluent sample collected at 1024. Samples were signed over to Alpha Analytical at 1135, copy of Chain of Custody attached.

NEW YORK CHAIN OF CUSTODY

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

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

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

Page 1 of 1

Date Rec'd in Lab

ALPHA Job #

Client Information

Client: Ambient Environmental
Address: 828 Washington Ave
Albany, NY 12203
Phone: (518) 482-0704
Fax:
Email: luke.m@ambient-env.com

Project Information

Project Name: Print Bear OM&M
Project Location: 61 Edson Rd, Amsterdam, NY
Project # 240216ENVA
(Use Project name as Project #) ☐
Project Manager: Luke McKenney
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

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please CC results to thomasm@ambient-env.com

Please specify Metals or TAL. Total Chromium

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PCB	Total Chromium	Trichloroethylene (TCE)						Total # Bottles
	Influent	6-25-24	1016	GW	TM	X	X	X						5
	Effluent	6-25-24	1024	GW	TM	X	X	X						5

Container Type: P P V
Preservative: A C B

Sample Filtration

☐ Done
☐ Lab to do

Preservation
☒ Lab to do

(Please Specify below)

Sample Specific Comments

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
[signature]	06-25-2024 1135	[signature] FAC	6/25/24 1135

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

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

ATTACHMENT 2

TABLE 1: ANALYTICAL RESULTS

LABORATORY REPORT

Table 1 - GWTS Analytical Results - June 2024
James Environmental Management - Sticker Mule
61 Edson Street, Amsterdam, NY 12010
Ambient Project No. 240216ENVA

Analyte	Groundwater Cleanup Objectives (µg/L or Range)	Sample ID	
		Influent	Effluent
		6/25/2024	6/25/2024
Volatile Organic Compounds (VOCs)			
Trichloroethene (TCE)	5	**640**	1.9
Metals and pH			
Total Chromium	50	**84.9**	11.3
pH	6.0 - 9.0	7.25	7.51

Notes:
All results converted to µg/L - parts per billion (ppb).
ND - Compounds not detected.
BOLD and Highlighted - Analyte exceeds the Groundwater Cleanup Objectives outlined in the Operations and Maintenance Manual for the Groundwater Remediation System.

ANALYTICAL REPORT

Lab Number:	L2435765
Client:	Ambient Environmental Inc. 828 Washington Avenue Albany, NY 12203
ATTN:	Luke McKenney
Phone:	(518) 482-0704
Project Name:	PRINT BEAR OM+M
Project Number:	240216ENVA
Report Date:	07/02/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA

Lab Number: L2435765
Report Date: 07/02/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435765-01	INFLUENT	WATER	61 EDSON RD, AMSTERDAM, NY	06/25/24 10:16	06/25/24
L2435765-02	EFFLUENT	WATER	61 EDSON RD, AMSTERDAM, NY	06/25/24 10:24	06/25/24

Project Name:	PRINT BEAR OM+M	**Lab Number:**	L2435765
Project Number:	240216ENVA	**Report Date:**	07/02/24

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:	PRINT BEAR OM+M	**Lab Number:**	L2435765
Project Number:	240216ENVA	**Report Date:**	07/02/24

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/02/24

ORGANICS

VOLATILES

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA
Lab Number: L2435765
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435765-01 D
Client ID: INFLUENT
Sample Location: 61 EDSON RD, AMSTERDAM, NY
Date Collected: 06/25/24 10:16
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/29/24 20:14
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	640		ug/l	5.0	1.8	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	116		70-130

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA
Lab Number: L2435765
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435765-02
Client ID: EFFLUENT
Sample Location: 61 EDSON RD, AMSTERDAM, NY
Date Collected: 06/25/24 10:24
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/29/24 20:38
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.9		ug/l	0.50	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA
Lab Number: L2435765
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/24 13:14
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1941815-5					
Trichloroethene	ND		ug/l	0.50	0.18

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	124		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA

Lab Number: L2435765
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1941815-3 WG1941815-4								
Trichloroethene	100		98		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	118		116		70-130

METALS

Project Name: PRINT BEAR OM+M
Lab Number: L2435765
Project Number: 240216ENVA
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435765-01
Client ID: INFLUENT
Sample Location: 61 EDSON RD, AMSTERDAM, NY
Date Collected: 06/25/24 10:16
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	0.0849		mg/l	0.0100	0.0021	1	06/30/24 15:17	07/01/24 20:46	EPA 3005A	19,200.7	DMC

Project Name: PRINT BEAR OM+M
Lab Number: L2435765
Project Number: 240216ENVA
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435765-02
Client ID: EFFLUENT
Sample Location: 61 EDSON RD, AMSTERDAM, NY
Date Collected: 06/25/24 10:24
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	0.0113		mg/l	0.0100	0.0021	1	06/30/24 15:17	07/01/24 20:53	EPA 3005A	19,200.7	DMC

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA
Lab Number: L2435765
Report Date: 07/02/24

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): 01-02 Batch: WG1941440-1										
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/30/24 15:17	07/01/24 08:38	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRINT BEAR OM+M

Project Number: 240216ENVA

Lab Number: L2435765

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1941440-2								
Chromium, Total	104		-		85-115	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA

Lab Number: L2435765
Report Date: 07/02/24

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): 01-02 QC Batch ID: WG1941440-3 QC Sample: L2437081-01 Client ID: MS Sample												
Chromium, Total	ND	0.2	0.211	106		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1941440-7 QC Sample: L2437081-02 Client ID: MS Sample												
Chromium, Total	ND	0.2	0.217	108		-	-		75-125	-		20

INORGANICS
&
MISCELLANEOUS

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA

Lab Number: L2435765
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435765-01
Client ID: INFLUENT
Sample Location: 61 EDSON RD, AMSTERDAM, NY

Date Collected: 06/25/24 10:16
Date Received: 06/25/24
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										
pH (H)	7.25		SU	-	NA	1	-	07/01/24 22:39	1,9040C	AAS

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA

Lab Number: L2435765
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435765-02
Client ID: EFFLUENT
Sample Location: 61 EDSON RD, AMSTERDAM, NY

Date Collected: 06/25/24 10:24
Date Received: 06/25/24
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										
pH (H)	7.51		SU	-	NA	1	-	07/01/24 22:39	1,9040C	AAS

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRINT BEAR OM+M

Project Number: 240216ENVA

Lab Number: L2435765

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1941955-1								
pH	99		-		99-101	-		5

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRINT BEAR OM+M

Project Number: 240216ENVA

Lab Number: L2435765

Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1941955-2 QC Sample: L2435748-01 Client ID: DUP Sample						
pH	7.78	7.63	SU	2		5

Project Name: PRINT BEAR OM+M
Project Number: 240216ENVA

Lab Number: L2435765
Report Date: 07/02/24

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(*)
L2435765-01A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2435765-01B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2435765-01C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2435765-01D	Plastic 60ml unpreserved	A	7	7	4.2	Y	Absent		PH-9040(1)
L2435765-01E	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		CR-UI(180)
L2435765-02A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2435765-02B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2435765-02C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2435765-02D	Plastic 60ml unpreserved	A	7	7	4.2	Y	Absent		PH-9040(1)
L2435765-02E	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		CR-UI(180)

*Values in parentheses indicate holding time in days

Project Name:	PRINT BEAR OM+M	**Lab Number:**	L2435765
Project Number:	240216ENVA	**Report Date:**	07/02/24

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:	PRINT BEAR OM+M	**Lab Number:**	L2435765
Project Number:	240216ENVA	**Report Date:**	07/02/24

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:	PRINT BEAR OM+M	**Lab Number:**	L2435765
Project Number:	240216ENVA	**Report Date:**	07/02/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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:	PRINT BEAR OM+M	**Lab Number:**	L2435765
Project Number:	240216ENVA	**Report Date:**	07/02/24

REFERENCES

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

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

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

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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

ALPHA

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TEL: 508-898-9220
FAX: 508-898-9193

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

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

Page 1 of 1

Date Rec'd in Lab: 6/26/24

ALPHA Job #: L2435765

Client Information
Client: Ambient Environmental
Address: 828 Washington Ave
Albany, NY 12203
Phone: (518) 482-0704
Fax:
Email: lukem@ambient-env.com

Project Information
Project Name: Print Bear OM&M
Project Location: 61 Edson Rd, Amsterdam, NY
Project # 240216ENVA
(Use Project name as Project #)
Project Manager: Luke Mckenney
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

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

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

Billing Information
[X] Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
Please CC results to thomas@ambient-env.com

Please specify Metals or TAL. Total Chromium

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[X] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	pH	Total Chromium	Trichloroethylene (TCE)	Sample Specific Comments	Total # Bottles
35765-01	Influent	6-25-24	1016	GW	TM	X	X	X		5
-02	Effluent	6-25-24	1024	GW	TM	X	X	X		5

Container Type: P P ✓
Preservative: A C B

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
	06-25-2024 1135	PACE	6/25/24 1135
PACE	6/25/24 1140		6/26/24 0120

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

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