PERIODIC REVIEW REPORT

7503 NIAGARA FALLS BOULEVARD SITE
(BCP SITE NO. C932126)

NIAGARA FALLS, NEW YORK

July 2017 0101-013-001

Prepared for:

FX Net Lease Holdings, LLC

Prepared By:

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716)856-0599

PERIODIC REVIEW REPORT

7503 Niagara Falls Blvd Site

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FIGURES

APPENDICIES

1.0 INTRODUCTION

Benchmark Environmental Engineering and Science, PLLC (Benchmark), in association with TurnKey Environmental Restoration, LLC (TurnKey) has prepared this Periodic Review Report (PRR), on behalf of FX Net Lease Holdings, LLC (formerly GLR Holdings, LLC) to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C932126.

This PRR has been prepared for the 7503 Niagara Falls Boulevard Site in accordance with NYSDEC DER-10 *Technical Guidance for Site Investigation and Remediation* The NYSDEC's auto-generated Institutional and Engineering Controls Certification Form has been completed for the Site (see Appendix A). This PRR and the associated inspections form has been completed for the May 16, 2014 to June 1, 2017 triennial reporting period.

1.1 Site Information

The Site is located in the City of Niagara Falls, County of Niagara, New York, and formerly addressed at 7503 Niagara Falls Boulevard, Niagara Falls, New York. GLR Holdings, LLC redeveloped the Site and two adjoining parcels, 7503 and 7543-7555 Niagara Falls Blvd) as a single fast food restaurant (see Figures 1 and 2). The 7503 Niagara Falls Boulevard parcel (Site) was investigated and subsequently deemed acceptable by the NYSDEC for admission into the BCP. The former 7543-7555 Niagara Falls Blvd parcel was not part of the BCP application, and is not subject to the Site Management Plan. The historic parcels were merged into one legal parcel addressed as 7515 Niagara Falls Blvd, but the BCP boundary remained the same (see Figure 2).

1.2 Remedial History

The 7503 Niagara Falls Boulevard Site encompasses approximately 0.9 acres of land which was redeveloped as part of a fast food restaurant (Wendy's). Based on the historical use of the site, soil/fill and groundwater were impacted with volatile organic compounds (VOCs) requiring cleanup. Interim Remedial Measures (IRMs) including in-situ groundwater treatment and excavation followed by off-site disposal of contaminated soil/fill were completed at the site. An active sub-slab depressurization system (ASD) system was

installed in the newly constructed building and long-term groundwater monitoring was initiated on-site as part of the Site Management Plan (SMP).

1.3 Compliance

At the time of the Site inspection, the Site was fully compliant with the Institutional Controls as stated in the SMP.

1.4 Recommendations

Based on the results of the annual inspection and certification, Benchmark-TurnKey makes the following recommendations for the Site.

- Update Site Owner information. GLR Holdings, LLC has transferred ownership of the Site to FX Net Lease Holdings, LLC. It should be noted that the ownership of GLR Holdings, LLC and FX Net Lease Holdings, LLC is the same. Niagara County filing information is included in Appendix A.

The mailing address for the Volunteer has changed. Correspondence should be addressed to:

Greg Barkstrom
FX Net Lease Holdings, LLC
180 Canal View Blvd. Suite 600
Rochester NY 14623

2.0 SITE OVERVIEW

Beginning in the late 1960s and continuing through the mid-1990s, the Site was occupied by several commercial establishments. These included various restaurants, auto parts sales and auto repair facilities. The property was vacant since approximately 1998.

Prior to remediation, the Site was bounded by Niagara Falls Boulevard to the north, a vacant lot and former apartment buildings to the east, private residences to the south, and a commercial (fast-food restaurant) property to the west (i.e., 7403 Niagara Falls Blvd.). A concrete slab remnant from a former building foundation was present across the majority of the western portion of the property. The remainder of the Site was generally covered by asphalt.

Environmental site investigations were conducted at the Site between July 2004 and October 2005, and revealed the presence of certain halogenated volatile organic compounds (VOCs), including tetrachloroethene (PCE); trichloroethene (TCE); cis-1,2-dichloroethene (cis-1,2-DCE); trans-1,2-dichloroethene (trans-1,2-DCE); vinyl chloride (VC); and 1,1,2-trichloroethane (1,1,2-TCA) in on-Site soil and groundwater.

In May 2006, a Brownfield Cleanup Agreement (BCA) was executed with the Department, and remedial efforts under the BCP began in June 2006 with the Remedial Investigation (RI). Based on the findings of the RI, Interim Remedial Measures (IRMs) were initiated in November 2006. Groundwater treatment utilizing in-situ enhanced bioremediation of impacted groundwater and saturated soils via direct injection of hydrogen releasing compounds (HRC®) into the impacted zones. HRC® is a specially formulated lactic acid-based compound developed by Regenesis Corporation for in-situ treatment of chlorinated VOC contamination in groundwater.

Excavation and off-site disposal of approximately 120-cubic yards (cy) of contaminated soil/fill, and backfilling of excavation with clean material was conducted during redevelopment activities. Remedial activities were completed in October 2007. The RI/AA/IRM report and SMP for the Site were approved by the Department in December 2007. The Certificate of Completion (COC) was issued for the Site in February 2008.

3.0 REMEDY PERFORMANCE

Post-remedial annual site inspections and long-term groundwater monitoring have been completed at the Site in accordance with the SMP since 2008. The Site inspection including a walk-over of the entire BCP Site to visually observe and document the use of the Site for Commercial Use, restriction of groundwater use, operation of the active subslab vapor extraction system, and conformance with the Site Management Plan (SMP). The June 2015, July 2016 and July 2017 site inspections indicate that the controls are in-place and functioning as intended in accordance with the SMP. The completed IC/EC Certification form and site photographs are included in Appendix A and Appendix B, respectively.

4.0 SITE MANAGEMENT PLAN

A SMP was prepared for the Site, and approved by the Department in December 2007. The SMP includes an Operation, Monitoring and Maintenance Plan, a Soil/Fill Management Plan, and a copy of the Environmental Easements. A brief description of the components of the SMP is presented below.

4.1 Operation, Monitoring and Maintenance Plan

The Operation, Monitoring and Maintenance (OM&M) Plan consists of three major components, including the Active Sub-slab Depressurization System (ASD); the Long-Term Groundwater Monitoring (LTGWM) Plan; and the Annual Inspection & Certification Program.

4.1.1 Active Sub-slab Depressurization System

An ASD system was installed within the newly constructed fast food restaurant building during redevelopment. As required by the Department's approved SMP, the ASD system must: (1) be operated continuously to provide a negative pressure field; (2) be visually inspected periodically to verify proper operation; and (3) annually inspected and certified that the system is performing properly and remains an effective engineering control (EC).

The ASD system operation and maintenance was assessed during the annual site inspection on the following dates: June 19, 2015, July 28, 2016 and June 1, 2017. The system was operating properly at the time of each annual site inspection with a vacuum reading of approximately 0.5 inches water column (WC) on the magnehelic vacuum gauge.

It should be noted that prior to the June 2015 inspection, a replacement light assembly and enclosure was installed for the ASD system to better protect the instrumentation from the storage of cleaning and maintenance supplies in the ASD system area, as previously discussed with the Department. This system is manually turned off during each inspection to ensure the indicator light turns on and functions properly.

Copies of the completed ASD periodic visual inspection logs for May 2014 through June 2017 reporting periods are included in Appendix C.

4.1.2 Long-Term Groundwater Monitoring Plan

A Long-Term Groundwater Monitoring (LTGWM) Plan is required to monitor the effectiveness of the source area removals, treatment, and controls implemented in accordance with the Brownfield Cleanup Agreement.

Groundwater monitoring was completed on-Site on the following dates, including: June 19, 2015, July 28, 2016 & June 1, 2017. Table 1 summarizes the cVOC for the long-term groundwater monitoring analytical data. Laboratory analytical data packages are provided in Appendix D.

4.1.3 Annual Inspection and Certification Program

The Annual Inspection and Certification Program outlines the requirements for the Site, to certify and attest that the institutional controls and/or engineering controls employed at the Site are unchanged from the previous certification. The Annual Certification will primarily consist of an annual Site Inspection to complete the auto-generated NYSDEC Institutional and Engineering Controls (IC/EC) Certification Form. The site inspection will verify that the IC/ECs:

- Are in place and effective.
- Are performing as designed.
- That nothing has occurred that would impair the ability of the controls to protect the public health and environment.
- That nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls.
- Access is available to the Site to evaluate continued maintenance of such controls.

Annual Site Inspections of the property were conducted by a Benchmark-TurnKey Qualified Environmental Professional (QEP). At the time of the inspections, the property was being used as a retail fast food restaurant (Wendy's), with surface parking, paved walkways and landscaped areas. No observable indication of intrusive activities was noted

during the Site Inspection. The restaurant is on municipal water supply, and no observable use of groundwater was noted during the site inspection.

The completed Site Management Periodic Review Report Notice – Institutional and Engineering Controls Certification Form is included in Appendix A. A photolog of the site inspection is included in Appendix B.

4.2 Soil/Fill Management Plan

A Soil/Fill Management Plan (SFMP) was included in the approved-SMP for the Site. The SFMP provides guidelines for the management of soil and fill material during any future intrusive actives.

No intrusive activities requiring management of on-Site soil or fill material; or the placment of backfill materials occurred during the montoring period.

4.3 Engineering and Institutional Control Requirements and Compliance

As detailed in the Environmental Easements, several Institutional and Engineering Controls (IC/ECs) need to be maintained as a requirmement of the BCAs for the Site.

4.3.1 Institutional Controls

- Groundwater-Use Restriction – the use of groundwater for potable and non-potable purposes is prohibited; and
- Land-Use Restriction: The controlled property may be used for commercial and/or industrial use; and
- Implementation of the SMP including the Groundwater Monitoring Plan, Soil/Fill Management Plan, and Monitoring Plan.

4.3.2 Engineering Controls – ASD System

During the 2015-2017 reporting period, the ASD system functioned in accordance with the SMP. Annual inspections were completed, and monthly O&M logs were provided. At the time of the inspections, the ASD system pressure gauge indicated a vacuum reading of 0.5 inches water column (WC) on the system.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Recommendation:

- Update Site Owner information. GLR Holdings, LLC. has transferred ownership of the Site to FX Net Lease Holdings, LLC. It should be noted that the ownership of GLR Holdings, LLC and FX Net Lease Holdings, LLC is the same. Niagara County filing information is included in Appendix A.

The mailing address for the Volunteer has changed. Correspondence should be addressed to:

Greg Barkstrom
FX Net Lease Holdings, LLC
180 Canal View Blvd. Suite 600
Rochester NY 14623

Conclusions are as follows:

- At the time of annual site inspections, the Site was in compliance with the Site Management Plan.

6.0 DECLARATION/LIMITATION

Benchmark Environmental Engineering and Science, PLLC, in association with TurnKey Environmental Restoration, LLC, conducted the annual site inspections for Brownfield Cleanup Program Site No. C932126, located in Niagara Falls, New York, according to generally accepted practices. This report complied with the scope of work provided to FX Net Lease Holdings, LLC (formerly GLR Holdings, LLC).

This report has been prepared for the exclusive use of FX Net Lease Holdings, LLC. The contents of this report are limited to information available at the time of the site inspection. The findings herein may be relied upon only at the discretion of FX Net Lease Holdings, LLC (formerly GLR Holdings, LLC). Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Benchmark Environmental Engineering and Science, PLLC.

TABLES and FIGURES

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

SUMMARY OF CHLORINATED VOCs GROUNDWATER ANALYTICAL DATA

Long Term Groundwater Monitoring
7503 Niagara Falls Boulevard Site

Parameter [1]	GWQS/GV [3]	MW-14 / MW-14R														
		Baseline [2] (MW-14)	DEC 06 (MW-14)	JAN 07 (MW-14)	MAR 07 (MW-14)	JUN 07 (MW-14)	APR 08 (MW-14R)	MAY 09 (MW-14R)	APR 10 (MW-14R)	APR 11 (MW-14R)	JUN 12 (MW-14R)	JUN 13 (MW-14R)	JUN 14 (MW-14R)	JUN 15 (MW-14R)	JUL 16 (MW-14R)	JUN 17 (MW-14R)
Vinyl chloride	2	910 D	380	150	320	540	150 D	ND	1600 D	1600 D	3800	3900	5300	2000	1200	2400
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	1.4	1.1	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	85 D	140	21 J	21 J	60 J	3.9 J	ND	22	11	26 J	30 J	20 J	17	12	22
Trichloroethene	5	540 D	1500	300	150	330	10	ND	3.4	3.2	ND	ND	ND	ND	4.3 J	19
Tetrachloroethene	5	640	480	120	98	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	1300 D	520	240	500	1500	30	ND	110 D	44	100	120 J	64 J	22 J	15 J	58
cis-1,2-Dichloroethene	5	1100 D	570	220	370	850	310 D	ND	1200 D	930 D	2500	2700	2700	1400	920	1700
Total cVOCs	NA	4575	3590	1051	1459	3315	504	ND	2937	2589	6426	6750	8084	3439	2151	4199

Notes:

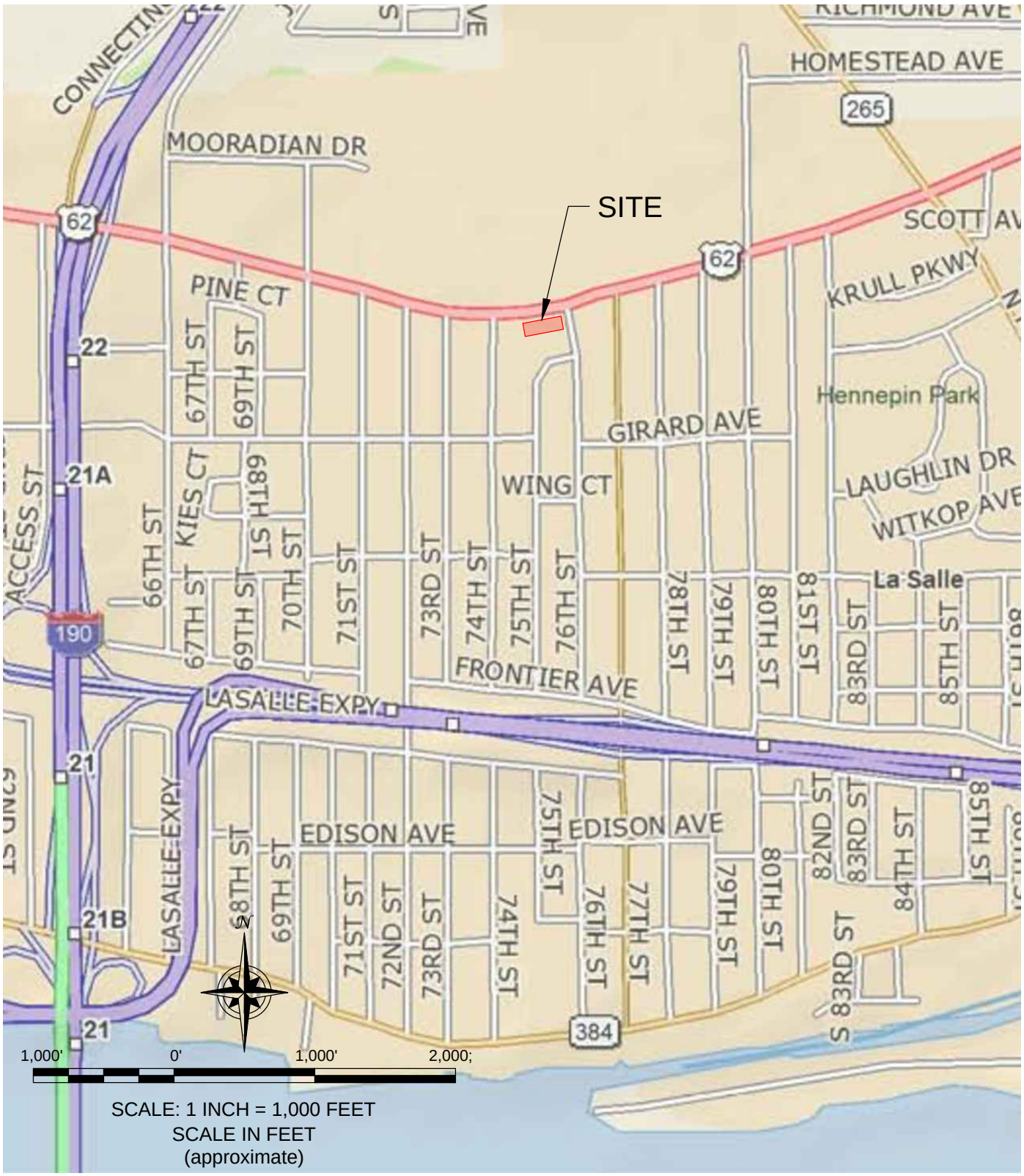
1. Only chlorinated volatile organic compounds (cVOCs) are shown.
2. Baseline concentrations were collected in June 2006. Hydrogen Release Compound (HRC) injection was completed in November 2006.
3. NYSDEC Class "GA" Groundwater Quality Standards/Guidance Values (GWQS/GV), 6 NYCRR Part 703.
4. Concentrations are in micrograms per liter (ug/L).

Definitions:

J = Estimated value; result is less than the sample quantitation limit but greater than zero.
D = Diluted sample result.
ND = parameter not detected above laboratory detection limit.
NA = Not Applicable

F:\CAD\Benchmark\GLR Holdings - Wendy's\Periodic Review Report\2013\Figure 1; Site Location and Vicinity Map.dwg

FIGURE 1



BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: 0101-013-001

DATE: JUNE 2013

DRAFTED BY: JGT

SITE LOCATION AND VICINITY MAP

PERIODIC REVIEW REPORT

7503 NIAGARA FALLS BOULEVARD SITE

NIAGARA FALLS, NEW YORK

PREPARED FOR

GLR HOLDINGS, LLC

F:\CAD\Benchmark\GLR Holdings - Wendy's\LTGWM\2012\Figure 2; Site Plan.dwg

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: 0101-012-001

DATE: JULY 2012

DRAFTED BY: JGT

SITE PLAN

LONG-TERM GROUNDWATER MONITORING PLAN

7503 NIAGARA FALLS BOULEVARD SITE

NIAGARA FALLS, NEW YORK

PREPARED FOR

GLR HOLDINGS, LLC

FIGURE 2

APPENDIX A

INSTITUTIONAL & ENGINEERING CONTROLS CERTIFICATION FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C932126**

Site Name 7503 Niagara Falls Blvd.

Site Address: 7515 Niagara Falls Blvd Zip Code: 14302
City/Town: Niagara Falls
County: Niagara
Site Acreage: 0.9

Reporting Period: May 16, 2014 to May 16, 2017

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs/ECs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative _____ Date _____

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C932126 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
160.12-2-5	GLR Holdings, LLC	Site Management Plan Monitoring Plan O&M Plan Ground Water Use Restriction Landuse Restriction

Institutional Controls: The following controls apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees, and any person using the Controlled Property:

A. The Controlled Property may be used for commercial or industrial use as long as the following long-term engineering controls are employed:

1. Excavations below site cover materials must be performed in accordance with applicable provisions of the Soil Fill Management section(s) of the 7503 Niagara Falls Blvd. Site Management Plan, dated October 2007 ("SMP") (or subsequent revisions thereof). Soil and fill below the cover materials must be handled and disposed in accordance with the SIVIP. Soil and fill material from off-site sources which is proposed for use as backfill must meet applicable provisions of the SMP.

2. Site groundwater quality will be periodically monitored according to the provisions of the Groundwater Monitoring Program section(s) of the SMP. The groundwater monitoring well(s) will be maintained and sampled, and the data reported in accordance with the provisions of the SMP.

The Grantor hereby acknowledges receipt of a copy of the NYSDEC-approved SMP dated October 2007. The SMP describes obligations that Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system on the Controlled Property, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. Upon notice of not less than thirty (30) days the Department in exercise of its discretion and consistent with applicable law may revise the SMP. This notice shall be a final agency determination. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Regional Remediation Engineer
Region 9
NYSDEC
270 Michigan Avenue
Buffalo, NY 14203-2999

or

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

B. The Controlled Property may not be used for a higher level of use such as unrestricted, residential, or restricted residential use and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

D. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

E. Grantor covenants and agrees that it shall annually, or such time as NYSDEC may allow, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury that the controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls employed at the Controlled Property were approved by the NYSDEC, and that nothing has occurred that would impair the ability of such control to protect the public health and environment or constitute a violation or failure to comply with any Site Management Plan for such controls and giving access to such Controlled Property to evaluate continued maintenance of such controls.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
160.12-2-5	Vapor Mitigation

1. Site surfaces will be constructed and maintained appropriately to prevent contact with potentially contaminated soils or groundwater. Various site cover materials (stone, concrete, asphalt pavement, vegetated soil, landscaping, etc) may function as a barrier to prevent human contact with contaminated site soils or groundwater.

2. An active sub-slab depressurization (ASD) system under the building floor controls potential releases of contaminated soil vapors into the building indoor air. This ASD system will be tested, and as long as the building is occupied (or as otherwise directed by the New York State Departments of Environmental Conservation and Health), will be continuously operated and maintained in accordance with the provisions of the SMP.

As required by the Department approved SMP, the ASD system must: (1) be operated continuously to provide a negative pressure field; (2) be visually inspected periodically to verify proper operation; (3) annually inspected and certified that the system is performing properly and remains an effective engineering control(EC).

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) 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, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) 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;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C932126

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 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 John M Fox at 180 Canal View Blvd Suite 600, Rochester, NY 14623
print name print business address

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

7/19/17
Date

City of Niagara Falls

James R. Bird, Assessor

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Sale History

Sale Date	Price	Useable	Arm's Length	Prior Owner	Total Assessed Value	Total Land Value	Deed Book	Deed Page
3/23/2016 11:35:43 AM	$1	No	No	GLR Holdings LLC,	$509,000	$284,700	2016	4932

Go Back

City of Niagara Falls

James R. Bird, Assessor

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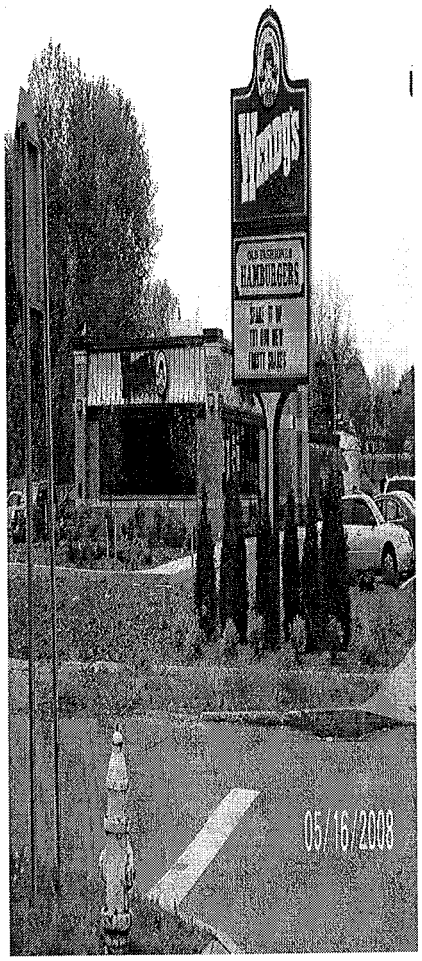

Property: 7515 NIAGARA FALLS BLVD, Niagara Falls
SWIS: 291100 SBL: 160.12-2-6

Assessment	
Total	$509,000.00
Total Land	$284,700.00
County Taxable (Niagara)	$509,000.00
Town Taxable	$509,000.00
School Taxable	$509,000.00
Village Taxable	$0.00
Equalization Rate	85%
Level of Assessment	81%
Full Market Value	$628,395.06

Structure
Site 1 of 1
Building 1 of 1
Section 1 of 1

Boeck # - Description	0412 - Fast food w/seating load sup
Construction Quality	2
Gross Floor Area	3772
Number of Stories	1
Story Height	15

Property Description	
Type	Commerical
Use	426 - Fast food
Ownership Code	-
Zoning	C3
Road Type	-
Water Supply	3 - Comm/public
Utilities	4 - Gas & elec
School District	Niagara Falls - 291100
Neighborhood Code	1

Last Property Sale	
Sale Date	3/23/2016 11:35:43 AM
Sale Price	$1.00
Useable Sale	NO

Year Built / Effective Year Built	2008 / 0
Condition	3 - Normal
Building Perimeter	302
Basement Perimeter	0
Basement SQFT	0
Number of Elevators	0
Air Conditioning %	100
Sprinkler %	100

Arms Length	NO
Prior Owner Name	GLR Holdings LLC,
Deed Book	2016
Deed Page	4932
Deed Date	3/23/2016

Improvements

Site #	Description	Quantity	Condition	Year Built	SQFT	Dimensions
1	BE7 - Drv-in windw	1	Normal	2008	1	1X0
1	LP4 - Pavng-asphlt	1	Normal	2008	25000	25000X6
1	RN2 - Cold stor rm	1	Normal	2008	140	140X2
1	RN2 - Cold stor rm	1	Normal	2008	126	126X3

Land

Site #	Land Type	Acres	Front	Depth	SQFT	Soil Rating
1	01 - Primary	1.4	0	0	0	Land: 1 Rating:

Owner Information

Owner Name	Address 1	Address 2	City/State/Zip
FX Net Lease Holdings LLC,	180 Canal View Blvd		Rochester NY 14623

Exemptions

Code Description	Amount	Exemption %	Start Year	End Year
No Exemptions				

Special Districts

Code Description	Type	Primary Units	Secondary Units	Amount
RD291 - County refuse	A	0	0	$509,000.00

APPENDIX B

SITE PHOTLOG

SITE PHOTOGRAPHS

June 19th, 2015

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: East face of building (Looking West).

Photo 2: North side of property (Looking West).

Photo 3: South side of building (Looking East).

Photo 4: North side of property (Looking East).

0101-013-001

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

SITE PHOTOGRAPHS

June 19th, 2015

Photo 5:

Photo 6:

Photo 7:

Photo 5: East face of building (Looking West).

Photo 6: Southwest corner of property side of property (Looking Southeast).

Photo 7: ASD System Inspection.

0101-013-001

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

SITE PHOTOGRAPHS

July 28th, 2016

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: Green space west of building (Looking West).

Photo 2: East face of building (Looking West).

Photo 3: North side of building and parking lot (Looking East).

Photo 4: South side of Building and parking lot (Looking West).

0101-013-001

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

SITE PHOTOGRAPHS

July 28th, 2016

Photo 5:

Photo 6:

Photo 7:

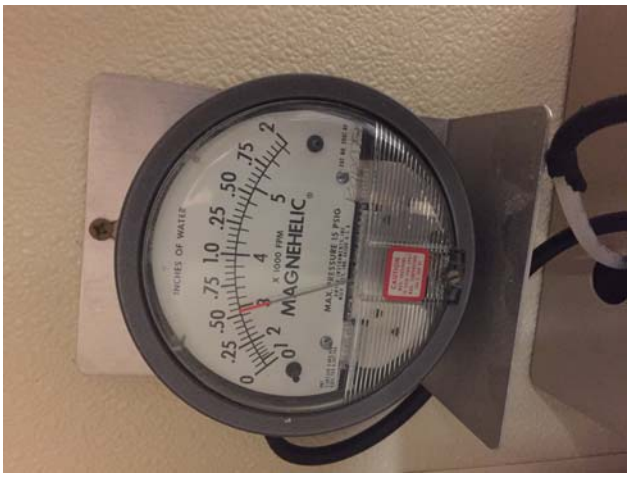

Photo 5: Northwest corner of property (Looking West).

Photo 6: Southeast corner of property side of property (Looking South).

Photo 7: ASD System Inspection.

0101-013-001

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

SITE PHOTOGRAPHS

June 1st, 2017

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: East face of building (Looking West).

Photo 2: North side of property (Looking West).

Photo 3: South side of building (Looking East).

Photo 4: North side of property (Looking East).

0101-013-001

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

SITE PHOTOGRAPHS

June 1st, 2017

Photo 5:

Photo 6:

Photo 7:

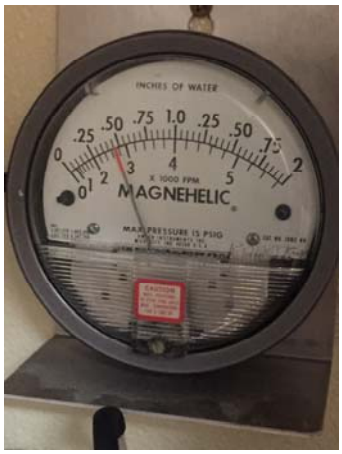

Photo 8:

Photo 5: Grassy area east side of building (Looking West).

Photo 6: West side of property side of property (Looking North).

Photo 7: ASD System Inspection.

0101-013-001

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

APPENDIX C

ASD PERIODIC VISUAL INSPECTION LOGS

GLR Holdings - Wendys (C932126)
ASD System Inspection Log

Date	Time	Inspector's Initials	ASD-1 (in.WC)	Notes:
6.27.14	9:05		.5	
7.25.14	10:40		.5	
8.29.14	9:00		.48	
9.26.14	9:00		.5	
10.31.14	9:15		.5	
11.28.14	9:15		.45	
12.26.14	10:00		.49	
1.30.15	10:00		.5	
2.27.15	9:40		.5	
3.27.15	9:00		.5	
4.24.15	9:00		.48	
5.29.15	10:00		.48	
6.26.15	9:00		.5	
7.31.15	9:00		.5	
8.28.15	9:00		.48	
9.25.15	9:00		.47	
10.30.15	9:15		.5	
11.27.15	9:15		.5	
12.30.15	9:15		.5	
1.29.16	9:00		.49	
2.26.16	9:00		.47	
3.25.16	9:00		.49	
4.29.16	9:00		.5	
5.27.16	9:15		.5	
6.24.16	9:00		.5	
7.29.16	9:30		.5	
8.26.16	10:00		.5	
9.30.16	10:00		.48	
10.28.16	9:00		.47	
11.25.16	9:00		.5	
12.30.16	9:00		.5	
1.27.17	9:00		.49	
2.24.17	9:30		.46	
3.31.17	9:00		.5	
4.28.17	9:15		.5	

GLR Holdings - Wendys (C932126)
ASD System Inspection Log

Date	Time	Inspector's Initials	ASD-1 (in.WC)	Notes:
5.26.17	9:15	[signature]	.5	
6.30.17				
7.28.17				
8.25.17				
9.29.17				
10.27.17				
11.24.17				
12.29.17				

APPENDIX D

LABORATORY ANALYTICAL DATA PACKAGES

ANALYTICAL REPORT

Lab Number:	L1513988
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 225-3314
Project Name:	GLR-WENDY'S
Project Number:	0101-013-001
Report Date:	06/26/15

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1513988-01	MW-14R	WATER	NIAGARA FALLS	06/19/15 12:41	06/19/15

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

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: Cristin Walker

Title: Technical Director/Representative Date: 06/26/15

ORGANICS

VOLATILES

Project Name: GLR-WENDY'S **Lab Number:** L1513988

Project Number: 0101-013-001 **Report Date:** 06/26/15

SAMPLE RESULTS

Lab ID: L1513988-01 D
Client ID: MW-14R
Sample Location: NIAGARA FALLS
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/26/15 11:00
Analyst: PD

Date Collected: 06/19/15 12:41
Date Received: 06/19/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.3	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	ND		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	3.6	25
Benzene	ND		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	2000		ug/l	25	1.7	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	17		ug/l	12	3.6	25
trans-1,2-Dichloroethene	22	J	ug/l	62	18.	25
Trichloroethene	ND		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25
1,3-Dichlorobenzene	ND		ug/l	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25

Project Name: GLR-WENDY'S **Lab Number:** L1513988

Project Number: 0101-013-001 **Report Date:** 06/26/15

SAMPLE RESULTS

Lab ID: L1513988-01 D Date Collected: 06/19/15 12:41

Client ID: MW-14R Date Received: 06/19/15

Sample Location: NIAGARA FALLS Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	62	18.	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	1400		ug/l	62	18.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
Methyl Acetate	ND		ug/l	50	5.8	25
Cyclohexane	ND		ug/l	250	6.8	25
1,4-Dioxane	ND		ug/l	6200	1000	25
Freon-113	ND		ug/l	62	18.	25
Methyl cyclohexane	ND		ug/l	250	9.9	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	96		70-130

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/26/15 10:25
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG797573-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/26/15 10:25
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG797573-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/26/15 10:25
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG797573-3					
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Iodomethane	ND		ug/l	5.0	5.0

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/26/15 10:25
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG797573-3					
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG797573-1 WG797573-2								
Methylene chloride	98		82		70-130	18		20
1,1-Dichloroethane	95		81		70-130	16		20
Chloroform	96		81		70-130	17		20
2-Chloroethylvinyl ether	105		90		70-130	15		20
Carbon tetrachloride	98		83		63-132	17		20
1,2-Dichloropropane	104		87		70-130	18		20
Dibromochloromethane	106		88		63-130	19		20
1,1,2-Trichloroethane	109		94		70-130	15		20
Tetrachloroethene	116		98		70-130	17		20
Chlorobenzene	105		88		75-130	18		20
Trichlorofluoromethane	80		69		62-150	15		20
1,2-Dichloroethane	94		79		70-130	17		20
1,1,1-Trichloroethane	95		83		67-130	13		20
Bromodichloromethane	96		80		67-130	18		20
trans-1,3-Dichloropropene	107		91		70-130	16		20
cis-1,3-Dichloropropene	106		87		70-130	20		20
1,1-Dichloropropene	96		82		70-130	16		20
Bromoform	112		94		54-136	17		20
1,1,2,2-Tetrachloroethane	102		85		67-130	18		20
Benzene	107		91		70-130	16		20
Toluene	104		89		70-130	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG797573-1 WG797573-2								
Ethylbenzene	102		86		70-130	17		20
Chloromethane	77		**61**	Q	64-130	**23**	Q	20
Bromomethane	93		73		39-139	**24**	Q	20
Vinyl chloride	76		66		55-140	14		20
Chloroethane	100		85		55-138	16		20
1,1-Dichloroethene	98		85		61-145	14		20
trans-1,2-Dichloroethene	104		91		70-130	13		20
Trichloroethene	100		84		70-130	17		20
1,2-Dichlorobenzene	102		85		70-130	18		20
1,3-Dichlorobenzene	101		84		70-130	18		20
1,4-Dichlorobenzene	101		85		70-130	17		20
Methyl tert butyl ether	108		90		63-130	18		20
p/m-Xylene	104		88		70-130	17		20
o-Xylene	104		87		70-130	18		20
cis-1,2-Dichloroethene	105		90		70-130	15		20
Dibromomethane	106		89		70-130	17		20
1,2,3-Trichloropropane	99		85		64-130	15		20
Acrylonitrile	101		85		70-130	17		20
Diisopropyl Ether	90		76		70-130	17		20
Tert-Butyl Alcohol	123		114		70-130	8		20
Styrene	109		91		70-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG797573-1 WG797573-2								
Dichlorodifluoromethane	105		85		36-147	**21**	Q	20
Acetone	107		96		58-148	11		20
Carbon disulfide	85		72		51-130	17		20
2-Butanone	126		112		63-138	12		20
Vinyl acetate	88		74		70-130	17		20
4-Methyl-2-pentanone	102		88		59-130	15		20
2-Hexanone	80		67		57-130	18		20
Bromochloromethane	114		95		70-130	18		20
2,2-Dichloropropane	108		93		63-133	15		20
1,2-Dibromoethane	108		92		70-130	16		20
1,3-Dichloropropane	107		91		70-130	16		20
1,1,1,2-Tetrachloroethane	108		92		64-130	16		20
Bromobenzene	104		88		70-130	17		20
n-Butylbenzene	93		77		53-136	19		20
sec-Butylbenzene	95		79		70-130	18		20
tert-Butylbenzene	95		79		70-130	18		20
o-Chlorotoluene	91		76		70-130	18		20
p-Chlorotoluene	96		81		70-130	17		20
1,2-Dibromo-3-chloropropane	84		72		41-144	15		20
Hexachlorobutadiene	95		80		63-130	17		20
Isopropylbenzene	97		81		70-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG797573-1 WG797573-2								
p-Isopropyltoluene	96		79		70-130	19		20
Naphthalene	91		81		70-130	12		20
n-Propylbenzene	98		82		69-130	18		20
1,2,3-Trichlorobenzene	93		80		70-130	15		20
1,2,4-Trichlorobenzene	99		84		70-130	16		20
1,3,5-Trimethylbenzene	98		81		64-130	19		20
1,2,4-Trimethylbenzene	98		81		70-130	19		20
Methyl Acetate	96		83		70-130	15		20
Ethyl Acetate	89		80		70-130	11		20
Cyclohexane	96		80		70-130	18		20
Ethyl-Tert-Butyl-Ether	104		88		70-130	17		20
Tertiary-Amyl Methyl Ether	106		90		66-130	16		20
1,4-Dioxane	148		110		56-162	**29**	Q	20
Freon-113	97		84		70-130	14		20
p-Diethylbenzene	97		81		70-130	18		20
p-Ethyltoluene	100		83		70-130	19		20
1,2,4,5-Tetramethylbenzene	103		85		70-130	19		20
Ethyl ether	115		98		59-134	16		20
trans-1,4-Dichloro-2-butene	93		80		70-130	15		20
Iodomethane	**35**	Q	**55**	Q	70-130	**44**	Q	20
Methyl cyclohexane	101		83		70-130	20		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GLR-WENDY'S

Project Number: 0101-013-001

Lab Number: L1513988

Report Date: 06/26/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG797573-1 WG797573-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		88		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	94		95		70-130

Project Name: GLR-WENDY'S
Project Number: 0101-013-001

Lab Number: L1513988
Report Date: 06/26/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1513988-01A	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1513988-01B	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1513988-01C	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	GLR-WENDY'S	**Lab Number:**	L1513988
Project Number:	0101-013-001	**Report Date:**	06/26/15

GLOSSARY

Acronyms

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).

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.

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.

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.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

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.

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.

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

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.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GLR-WENDY'S	**Lab Number:**	L1513988
Project Number:	0101-013-001	**Report Date:**	06/26/15

Data Qualifiers

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.

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.

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

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.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	GLR-WENDY'S	**Lab Number:**	L1513988
Project Number:	0101-013-001	**Report Date:**	06/26/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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

Last revised December 16, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: 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**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

Serial_No:06261515:09

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 6/20/15

ALPHA Job #: L1513988

Client Information

Client: Benchmark Eng

Address: 2558 Hamburg Turnpike Lackawanna NY 14218

Phone: (716) 856-0599

Fax: (716) 856-0583

Email: TBehrendt@turnkeyllc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: GLR - Wendy's

Project Location: Niagara Falls

Project #: 0101-013-001

Project Manager: Nate Munley

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: TCL 8260

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ 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	TCL 8260	Sample Specific Comments	TOTAL # BOTTLES
13988_01	MW-14R	6/19/15	1241	Water	T4B	3		3

	TCL 8260
Container Type	V
Preservative	B

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/19/15 1414	J. Hoover AAL	6/19/15 1415
J. Hoover AAL 6/19/15	1900	R. Frenette	06/19 1900
R. Frenette	06/19 2305	Jeff [signature]	6/19 2305
Jeff [signature] 6-20-15	0140	[signature]	6/20/15 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1623520
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Thomas Behrendt
Phone:	(716) 225-3314
Project Name:	GLR GWM
Project Number:	0101-013-001
Report Date:	08/04/16

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1623520-01	MW-14R	WATER	NIAGARA FALLS, NY	07/28/16 12:15	07/28/16
L1623520-02	TRIP BLANK	WATER	NIAGARA FALLS, NY	07/28/16 00:00	07/28/16

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	GLR GWM	**Lab Number:**	L1623520
Project Number:	0101-013-001	**Report Date:**	08/04/16

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: Michelle M. Morris

Title: Technical Director/Representative Date: 08/04/16

ORGANICS

VOLATILES

Project Name: GLR GWM
Project Number: 0101-013-001
Lab Number: L1623520
Report Date: 08/04/16

SAMPLE RESULTS

Lab ID: L1623520-01 D
Client ID: MW-14R
Sample Location: NIAGARA FALLS, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/01/16 19:13
Analyst: PD

Date Collected: 07/28/16 12:15
Date Received: 07/28/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	2.9	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	1200		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	12		ug/l	10	2.8	20
trans-1,2-Dichloroethene	15	J	ug/l	50	14.	20
Trichloroethene	4.3	J	ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: GLR GWM **Lab Number:** L1623520

Project Number: 0101-013-001 **Report Date:** 08/04/16

SAMPLE RESULTS

Lab ID: L1623520-01 D
Client ID: MW-14R
Sample Location: NIAGARA FALLS, NY

Date Collected: 07/28/16 12:15
Date Received: 07/28/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	920		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	820	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	73		70-130
Toluene-d8	81		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	77		70-130

Project Name: GLR GWM
Project Number: 0101-013-001
Lab Number: L1623520
Report Date: 08/04/16

SAMPLE RESULTS

Lab ID: L1623520-02
Client ID: TRIP BLANK
Sample Location: NIAGARA FALLS, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/01/16 18:40
Analyst: PD

Date Collected: 07/28/16 00:00
Date Received: 07/28/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.21	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GLR GWM **Lab Number:** L1623520

Project Number: 0101-013-001 **Report Date:** 08/04/16

SAMPLE RESULTS

Lab ID: L1623520-02 Date Collected: 07/28/16 00:00

Client ID: TRIP BLANK Date Received: 07/28/16

Sample Location: NIAGARA FALLS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	73		70-130
Toluene-d8	81		70-130
4-Bromofluorobenzene	79		70-130
Dibromofluoromethane	76		70-130

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/01/16 11:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG918953-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/01/16 11:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG918953-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/01/16 11:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG918953-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	74		70-130
Toluene-d8	83		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	76		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

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: WG918953-3 WG918953-4								
Methylene chloride	99		79		70-130	**22**	Q	20
1,1-Dichloroethane	91		72		70-130	**23**	Q	20
Chloroform	94		74		70-130	**24**	Q	20
2-Chloroethylvinyl ether	98		93		70-130	5		20
Carbon tetrachloride	89		69		63-132	**25**	Q	20
1,2-Dichloropropane	91		73		70-130	**22**	Q	20
Dibromochloromethane	90		79		63-130	13		20
1,1,2-Trichloroethane	100		92		70-130	8		20
Tetrachloroethene	99		86		70-130	14		20
Chlorobenzene	96		84		75-130	13		20
Trichlorofluoromethane	90		69		62-150	**26**	Q	20
1,2-Dichloroethane	86		70		70-130	**21**	Q	20
1,1,1-Trichloroethane	96		75		67-130	**25**	Q	20
Bromodichloromethane	94		72		67-130	**27**	Q	20
trans-1,3-Dichloropropene	83		71		70-130	16		20
cis-1,3-Dichloropropene	88		**69**	Q	70-130	**24**	Q	20
1,1-Dichloropropene	96		74		70-130	**26**	Q	20
Bromoform	110		94		54-136	16		20
1,1,2,2-Tetrachloroethane	120		100		67-130	18		20
Benzene	100		78		70-130	**25**	Q	20
Toluene	97		83		70-130	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

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: WG918953-3 WG918953-4								
Ethylbenzene	96		82		70-130	16		20
Chloromethane	75		**56**	Q	64-130	**29**	Q	20
Bromomethane	98		77		39-139	**24**	Q	20
Vinyl chloride	93		72		55-140	**25**	Q	20
Chloroethane	88		69		55-138	**24**	Q	20
1,1-Dichloroethene	120		90		61-145	**29**	Q	20
trans-1,2-Dichloroethene	100		82		70-130	20		20
Trichloroethene	99		76		70-130	**26**	Q	20
1,2-Dichlorobenzene	100		89		70-130	12		20
1,3-Dichlorobenzene	97		85		70-130	13		20
1,4-Dichlorobenzene	98		87		70-130	12		20
Methyl tert butyl ether	100		87		63-130	14		20
p/m-Xylene	100		85		70-130	16		20
o-Xylene	100		85		70-130	16		20
cis-1,2-Dichloroethene	100		81		70-130	**21**	Q	20
Dibromomethane	110		85		70-130	**26**	Q	20
1,2,3-Trichloropropane	100		96		64-130	4		20
Acrylonitrile	88		74		70-130	17		20
Isopropyl Ether	81		**66**	Q	70-130	20		20
tert-Butyl Alcohol	86		82		70-130	5		20
Styrene	100		90		70-130	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

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: WG918953-3 WG918953-4								
Dichlorodifluoromethane	94		73		36-147	**25**	Q	20
Acetone	86		72		58-148	18		20
Carbon disulfide	90		68		51-130	**28**	Q	20
2-Butanone	90		66		63-138	**31**	Q	20
Vinyl acetate	**68**	Q	**56**	Q	70-130	19		20
4-Methyl-2-pentanone	97		88		59-130	10		20
2-Hexanone	100		94		57-130	6		20
Acrolein	88		66		40-160	**29**	Q	20
Bromochloromethane	110		82		70-130	**29**	Q	20
2,2-Dichloropropane	81		63		63-133	**25**	Q	20
1,2-Dibromoethane	110		97		70-130	13		20
1,3-Dichloropropane	98		86		70-130	13		20
1,1,1,2-Tetrachloroethane	98		85		64-130	14		20
Bromobenzene	100		88		70-130	13		20
n-Butylbenzene	94		81		53-136	15		20
sec-Butylbenzene	99		85		70-130	15		20
tert-Butylbenzene	99		86		70-130	14		20
o-Chlorotoluene	92		81		70-130	13		20
p-Chlorotoluene	91		80		70-130	13		20
1,2-Dibromo-3-chloropropane	110		100		41-144	10		20
Hexachlorobutadiene	100		86		63-130	15		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

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: WG918953-3 WG918953-4								
Isopropylbenzene	99		87		70-130	13		20
p-Isopropyltoluene	98		85		70-130	14		20
Naphthalene	120		110		70-130	9		20
n-Propylbenzene	97		84		69-130	14		20
1,2,3-Trichlorobenzene	120		110		70-130	9		20
1,2,4-Trichlorobenzene	110		96		70-130	14		20
1,3,5-Trimethylbenzene	92		84		64-130	9		20
1,2,4-Trimethylbenzene	95		84		70-130	12		20
Methyl Acetate	84		74		70-130	13		20
Ethyl Acetate	90		76		70-130	17		20
Cyclohexane	93		73		70-130	**24**	Q	20
Ethyl-Tert-Butyl-Ether	97		77		70-130	**23**	Q	20
Tertiary-Amyl Methyl Ether	100		86		66-130	15		20
1,4-Dioxane	128		108		56-162	17		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	110		80		70-130	**32**	Q	20
p-Diethylbenzene	98		85		70-130	14		20
p-Ethyltoluene	98		87		70-130	12		20
1,2,4,5-Tetramethylbenzene	100		87		70-130	14		20
Tetrahydrofuran	90		74		58-130	20		20
Ethyl ether	100		82		59-134	20		20
trans-1,4-Dichloro-2-butene	89		76		70-130	16		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GLR GWM

Project Number: 0101-013-001

Lab Number: L1623520

Report Date: 08/04/16

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: WG918953-3 WG918953-4								
Iodomethane	**30**	Q	**33**	Q	70-130	10		20
Methyl cyclohexane	110		82		70-130	**29**	Q	20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	79		72		70-130
Toluene-d8	85		82		70-130
4-Bromofluorobenzene	86		78		70-130
Dibromofluoromethane	90		79		70-130

Project Name: GLR GWM
Project Number: 0101-013-001

Lab Number: L1623520
Report Date: 08/04/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1623520-01A	Vial HCl preserved	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1623520-01B	Vial HCl preserved	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1623520-01C	Vial HCl preserved	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1623520-02A	Vial HCl preserved	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1623520-02B	Vial HCl preserved	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	GLR GWM	**Lab Number:**	L1623520
Project Number:	0101-013-001	**Report Date:**	08/04/16

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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

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.

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.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	GLR GWM	**Lab Number:**	L1623520
Project Number:	0101-013-001	**Report Date:**	08/04/16

Data Qualifiers

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.

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.

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

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.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	GLR GWM	**Lab Number:**	L1623520
Project Number:	0101-013-001	**Report Date:**	08/04/16

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
EPA 8270D: NPW: Biphenyl; SCM: Biphenyl, Caprolactam
EPA 8270D-SIM Isotope Dilution: SCM: 1,4-Dioxane
SM 2540D: TSS
SM2540G: SCM: Percent Solids
EPA 1631E: SCM: Mercury
EPA 7474: SCM: Mercury
EPA 8081B: NPW and SCM: Mirex, Hexachlorobenzene.
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA 8270-SIM: NPW and SCM: Alkylated PAHs.
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, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.
Biological Tissue Matrix: ***8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:*** Lead***; 8270D:*** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: 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**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

NEW YORK CHAIN OF CUSTODY

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: 508-822-9288

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: 7/29/16

ALPHA Job #: L1623520

Client Information

Client: Benchmark Env
Address: 2558 Hamburg Turnpike
Buffalo NY 14218 Suite 300
Phone: (716) 856-0599
Fax: TBehrendt@Benchmarkgeo.com
Email:

Project Information

Project Name: GLR Glenn
Project Location: Niagara Falls NY
Project #: 0101-013-001
(Use Project name as Project #): X
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard: X
Rush (only if pre approved): ☐
Due Date:
# 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:

Please specify Metals or TAL.

ANALYSIS

TCL 8260

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL 8260	Total Bottle
23520-01	MW-14R	7/28/16	1215	water	TAB	3	
-02	Trip Blank					1	

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

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	7/26/16 1340	[illegible] ANL	7/28/16 1430
[illegible] ANL 7/28/16		[illegible]	[illegible] 0955

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)

ANALYTICAL REPORT

Lab Number:	L1718020
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 225-3314
Project Name:	GLR HOLDINGS GWM
Project Number:	0101-013-001
Report Date:	06/12/17

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001

Lab Number: L1718020
Report Date: 06/12/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1718020-01	MW-14R	WATER	NIAGARA FALLS	06/01/17 12:20	06/01/17
L1718020-02	TRIP BLANK	WATER	NIAGARA FALLS	06/01/17 00:00	06/01/17

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001

Lab Number: L1718020
Report Date: 06/12/17

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	GLR HOLDINGS GWM	**Lab Number:**	L1718020
Project Number:	0101-013-001	**Report Date:**	06/12/17

Case Narrative (continued)

Report Submission

This report replaces the report issued June 8, 2017. L1718020-01 was re-analyzed at a lesser dilution for Volatile Organics.

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 06/12/17

ORGANICS

VOLATILES

Project Name: GLR HOLDINGS GWM
Lab Number: L1718020
Project Number: 0101-013-001
Report Date: 06/12/17

SAMPLE RESULTS

Lab ID: L1718020-01 D2
Client ID: MW-14R
Sample Location: NIAGARA FALLS

Date Collected: 06/01/17 12:20
Date Received: 06/01/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/07/17 14:27
Analyst: NL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	2400		ug/l	20	1.4	20
cis-1,2-Dichloroethene	1700		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001
Lab Number: L1718020
Report Date: 06/12/17

SAMPLE RESULTS

Lab ID: L1718020-01 D
Client ID: MW-14R
Sample Location: NIAGARA FALLS

Date Collected: 06/01/17 12:20
Date Received: 06/01/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/09/17 14:22
Analyst: NL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	2000	E	ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	22		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	58		ug/l	12	3.5	5
Trichloroethene	19		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: GLR HOLDINGS GWM **Lab Number:** L1718020

Project Number: 0101-013-001 **Report Date:** 06/12/17

SAMPLE RESULTS

Lab ID: L1718020-01 D Date Collected: 06/01/17 12:20

Client ID: MW-14R Date Received: 06/01/17

Sample Location: NIAGARA FALLS Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	1600	E	ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	104		70-130

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001
Lab Number: L1718020
Report Date: 06/12/17

SAMPLE RESULTS

Lab ID: L1718020-02
Client ID: TRIP BLANK
Sample Location: NIAGARA FALLS

Date Collected: 06/01/17 00:00
Date Received: 06/01/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/07/17 13:59
Analyst: NL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.26	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GLR HOLDINGS GWM **Lab Number:** L1718020

Project Number: 0101-013-001 **Report Date:** 06/12/17

SAMPLE RESULTS

Lab ID: L1718020-02 Date Collected: 06/01/17 00:00

Client ID: TRIP BLANK Date Received: 06/01/17

Sample Location: NIAGARA FALLS Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	111		70-130

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001
Lab Number: L1718020
Report Date: 06/12/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/09/17 13:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1010761-10					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001

Lab Number: L1718020
Report Date: 06/12/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/09/17 13:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1010761-10					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001
Lab Number: L1718020
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/09/17 13:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1010761-10					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	105		70-130

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001
Lab Number: L1718020
Report Date: 06/12/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/17 09:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1010761-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001
Lab Number: L1718020
Report Date: 06/12/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/17 09:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1010761-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001

Lab Number: L1718020
Report Date: 06/12/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/17 09:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1010761-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001

Lab Number: L1718020
Report Date: 06/12/17

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: WG1010761-3 WG1010761-4								
Methylene chloride	92		83		70-130	10		20
1,1-Dichloroethane	110		97		70-130	13		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	100		96		70-130	4		20
Dibromochloromethane	100		99		63-130	1		20
1,1,2-Trichloroethane	100		95		70-130	5		20
Tetrachloroethene	110		99		70-130	11		20
Chlorobenzene	100		96		75-130	4		20
Trichlorofluoromethane	110		99		62-150	11		20
1,2-Dichloroethane	110		99		70-130	11		20
1,1,1-Trichloroethane	110		98		67-130	12		20
Bromodichloromethane	110		98		67-130	12		20
trans-1,3-Dichloropropene	100		92		70-130	8		20
cis-1,3-Dichloropropene	100		93		70-130	7		20
Bromoform	100		97		54-136	3		20
1,1,2,2-Tetrachloroethane	96		92		67-130	4		20
Benzene	100		96		70-130	4		20
Toluene	110		96		70-130	14		20
Ethylbenzene	110		98		70-130	12		20
Chloromethane	110		100		64-130	10		20
Bromomethane	95		100		39-139	5		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001

Lab Number: L1718020
Report Date: 06/12/17

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: WG1010761-3 WG1010761-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	110		95		70-130	15		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	100		96		70-130	4		20
1,3-Dichlorobenzene	100		97		70-130	3		20
1,4-Dichlorobenzene	100		92		70-130	8		20
Methyl tert butyl ether	99		93		63-130	6		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	110		100		70-130	10		20
cis-1,2-Dichloroethene	110		95		70-130	15		20
Styrene	115		100		70-130	14		20
Dichlorodifluoromethane	100		99		36-147	1		20
Acetone	120		96		58-148	**22**	Q	20
Carbon disulfide	95		86		51-130	10		20
2-Butanone	120		110		63-138	9		20
4-Methyl-2-pentanone	91		88		59-130	3		20
2-Hexanone	94		89		57-130	5		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	100		88		70-130	13		20
n-Butylbenzene	99		89		53-136	11		20
sec-Butylbenzene	100		93		70-130	7		20
1,2-Dibromo-3-chloropropane	96		97		41-144	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GLR HOLDINGS GWM

Project Number: 0101-013-001

Lab Number: L1718020

Report Date: 06/12/17

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: WG1010761-3 WG1010761-4								
Isopropylbenzene	100		93		70-130	7		20
p-Isopropyltoluene	100		91		70-130	9		20
n-Propylbenzene	100		92		69-130	8		20
1,2,3-Trichlorobenzene	95		91		70-130	4		20
1,2,4-Trichlorobenzene	91		89		70-130	2		20
1,3,5-Trimethylbenzene	100		94		64-130	6		20
1,2,4-Trimethylbenzene	100		93		70-130	7		20
Methyl Acetate	110		100		70-130	10		20
Cyclohexane	110		99		70-130	11		20
1,4-Dioxane	68		108		56-162	**45**	Q	20
Freon-113	110		99		70-130	11		20
Methyl cyclohexane	100		94		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		99		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	102		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001

Lab Number: L1718020
Report Date: 06/12/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1010761-8 WG1010761-9								
Methylene chloride	76		71		70-130	7		20
1,1-Dichloroethane	94		84		70-130	11		20
Chloroform	100		91		70-130	9		20
Carbon tetrachloride	100		96		63-132	4		20
1,2-Dichloropropane	92		83		70-130	10		20
Dibromochloromethane	100		92		63-130	8		20
1,1,2-Trichloroethane	95		85		70-130	11		20
Tetrachloroethene	100		92		70-130	8		20
Chlorobenzene	98		89		75-130	10		20
Trichlorofluoromethane	100		93		62-150	7		20
1,2-Dichloroethane	100		92		70-130	8		20
1,1,1-Trichloroethane	100		92		67-130	8		20
Bromodichloromethane	95		88		67-130	8		20
trans-1,3-Dichloropropene	96		87		70-130	10		20
cis-1,3-Dichloropropene	90		82		70-130	9		20
Bromoform	100		93		54-136	7		20
1,1,2,2-Tetrachloroethane	91		81		67-130	12		20
Benzene	92		82		70-130	11		20
Toluene	99		88		70-130	12		20
Ethylbenzene	100		91		70-130	9		20
Chloromethane	100		94		64-130	6		20
Bromomethane	77		83		39-139	8		20
Vinyl chloride	85		84		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GLR HOLDINGS GWM

Project Number: 0101-013-001

Lab Number: L1718020

Report Date: 06/12/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1010761-8 WG1010761-9								
Chloroethane	95		87		55-138	9		20
1,1-Dichloroethene	92		82		61-145	11		20
trans-1,2-Dichloroethene	76		77		70-130	1		20
Trichloroethene	97		85		70-130	13		20
1,2-Dichlorobenzene	100		88		70-130	13		20
1,3-Dichlorobenzene	100		91		70-130	9		20
1,4-Dichlorobenzene	97		87		70-130	11		20
Methyl tert butyl ether	92		82		63-130	11		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	110		100		70-130	10		20
cis-1,2-Dichloroethene	91		85		70-130	7		20
Styrene	105		95		70-130	10		20
Dichlorodifluoromethane	90		87		36-147	3		20
Acetone	100		86		58-148	15		20
Carbon disulfide	**220**	Q	**140**	Q	51-130	**44**	Q	20
2-Butanone	100		95		63-138	5		20
4-Methyl-2-pentanone	91		86		59-130	6		20
2-Hexanone	100		88		57-130	13		20
Bromochloromethane	98		87		70-130	12		20
1,2-Dibromoethane	95		84		70-130	12		20
n-Butylbenzene	96		83		53-136	15		20
sec-Butylbenzene	98		89		70-130	10		20
1,2-Dibromo-3-chloropropane	98		83		41-144	17		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GLR HOLDINGS GWM

Project Number: 0101-013-001

Lab Number: L1718020

Report Date: 06/12/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1010761-8 WG1010761-9								
Isopropylbenzene	100		91		70-130	9		20
p-Isopropyltoluene	100		89		70-130	12		20
n-Propylbenzene	98		87		69-130	12		20
1,2,3-Trichlorobenzene	94		92		70-130	2		20
1,2,4-Trichlorobenzene	96		86		70-130	11		20
1,3,5-Trimethylbenzene	110		94		64-130	16		20
1,2,4-Trimethylbenzene	100		91		70-130	9		20
Methyl Acetate	100		94		70-130	6		20
Cyclohexane	96		88		70-130	9		20
1,4-Dioxane	76		88		56-162	15		20
Freon-113	94		87		70-130	8		20
Methyl cyclohexane	88		80		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		109		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	104		103		70-130

Project Name: GLR HOLDINGS GWM
Project Number: 0101-013-001

Lab Number: L1718020
Report Date: 06/12/17

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(*)
L1718020-01A	Vial HCl preserved	A	N/A	N/A	2.0	Y	Absent		NYTCL-8260-R2(14)
L1718020-01B	Vial HCl preserved	A	N/A	N/A	2.0	Y	Absent		NYTCL-8260-R2(14)
L1718020-01C	Vial HCl preserved	A	N/A	N/A	2.0	Y	Absent		NYTCL-8260-R2(14)
L1718020-02A	Vial HCl preserved	A	N/A	N/A	2.0	Y	Absent		NYTCL-8260-R2(14)
L1718020-02B	Vial HCl preserved	A	N/A	N/A	2.0	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	GLR HOLDINGS GWM	**Lab Number:**	L1718020
Project Number:	0101-013-001	**Report Date:**	06/12/17

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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

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

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

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 Condensation Product".
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	GLR HOLDINGS GWM	**Lab Number:**	L1718020
Project Number:	0101-013-001	**Report Date:**	06/12/17

Data Qualifiers

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.

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.

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

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.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	GLR HOLDINGS GWM	**Lab Number:**	L1718020
Project Number:	0101-013-001	**Report Date:**	06/12/17

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
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: 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**
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, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

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, Pb, Mn, Ni, Se, Ag, 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 ANALYTICAL

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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: 6/2/17

ALPHA Job #: L1718020

Project Information

Project Name: GLR Holdings GWM
Project Location: Niagara Falls
Project #: 0101-013-001
(Use Project name as Project #) ☒
Project Manager: Nate Munley
ALPHAQuote #:

Client Information

Client: Benchmark
Address: 2558 Hamburg Turnpike
Lackawanna NY 14218
Phone: (716) 856-0599
Fax: (716) 856-0583
Email: TBehrendt@Turnkeyllc.com

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 specify Metals or TAL.

ANALYSIS: TCL+CP-51 VOC 8260

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	TCL+CP-51 VOC 8260								Sample Specific Comments	Total Bottles
18020-01	MW-14R	6/1/17	~~1219~~ 1220	GW	TAB	3									3
02	Trip Blank				TAB	1									

Container Type	V
Preservative	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
[signature]	6/1/17 1258	Jocelyn Filey (AAL)	6/1/17 12:58
Jocelyn Filey	6/1/17 12:58	[signature] AL	6/2/17 0100

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)