

# Periodic Review Report

7503 Niagara Falls Boulevard  
(BCP Site No. C932126)  
Niagara Falls, New York

July 2012

0101-012-001

Prepared For:

GLR Holdings, LLC

Prepared By:



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# **PERIODIC REVIEW REPORT**

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

**NIAGARA FALLS, NEW YORK**

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July 2012

0101-012-001

Prepared for:

**GLR 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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**7503 Niagara Falls Blvd Site**  
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## 1.0 INTRODUCTION

Benchmark Environmental Engineering and Science, PLLC (Benchmark) has prepared this Periodic Review Report (PRR), on behalf of 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.

GLR Holdings, LLC redeveloped two adjoining parcels, 7503 and 7543-7555 Niagara Falls Blvd) as a 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 3).

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, 2011 to May 16, 2012 reporting period.

## 1.1 Background

The 7503 Niagara Falls Boulevard Site encompasses approximately 0.89-acres of land which was redeveloped as part of a fast food restaurant (Wendy's) (see Figures 1, 2, and 3). 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).

## 1.2 Compliance and Recommendations

At the time of the site inspection, the site was fully compliant with the SMP. No modification to the current SMP is recommended at this time.

## 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 (i.e., 7543-7555 Niagara Falls Blvd owned by GLR), 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 by GLR Holdings, LLC 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 (IRM) 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 Regenesys 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 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.

#### **3.1 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.

##### ***3.1.1 Active Sub-slab Depressurization System***

An ASD system was installed within the newly constructed fast food restaurant building. 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; and (3) annually inspected and certified that the system is performing properly and remains an effective engineering control (EC).

During the annual Site Inspection, the inspector verified that the ASD system was operating properly. A vacuum reading of 0.5 inches water column (WC) was noted on the magnehelic vacuum gauge. Copies of the ASD periodic visual inspection logs are included in Appendix C.

##### ***3.1.2 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.

Annual groundwater monitoring was conducted during this reporting period. Groundwater monitoring was conducted on June 20, 2012. The annual groundwater monitoring report for this reporting period is included in Appendix D. The analytical results

for the 2012 monitoring event indicate a slight increase in concentrations of VOCs, with the exception of 1,2-dichloroethene and trichloroethene which were not detected. Continued annual groundwater monitoring is recommended, with the next monitoring event to be conducted in spring 2013.

### ***3.1.3 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.

A Site Inspection of the property was conducted by a Benchmark Qualified Environmental Professional (QEP) on June 19, 2012. At the time of the inspection, the property was being used as a 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.

### **3.2 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 activities.

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

### **3.3 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 requirement of the BCAs for the Site.

#### ***3.3.1 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.

#### ***3.3.2 Engineering Controls***

- Vapor Mitigation – ASD System operated continuously and maintained. The ASD system is operational.

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

- At the time of the site inspection, the Site was in compliance with the Site Management Plan.
- Long-term Groundwater Monitoring will be continued, with the next annual monitoring event to occur in spring 2013.

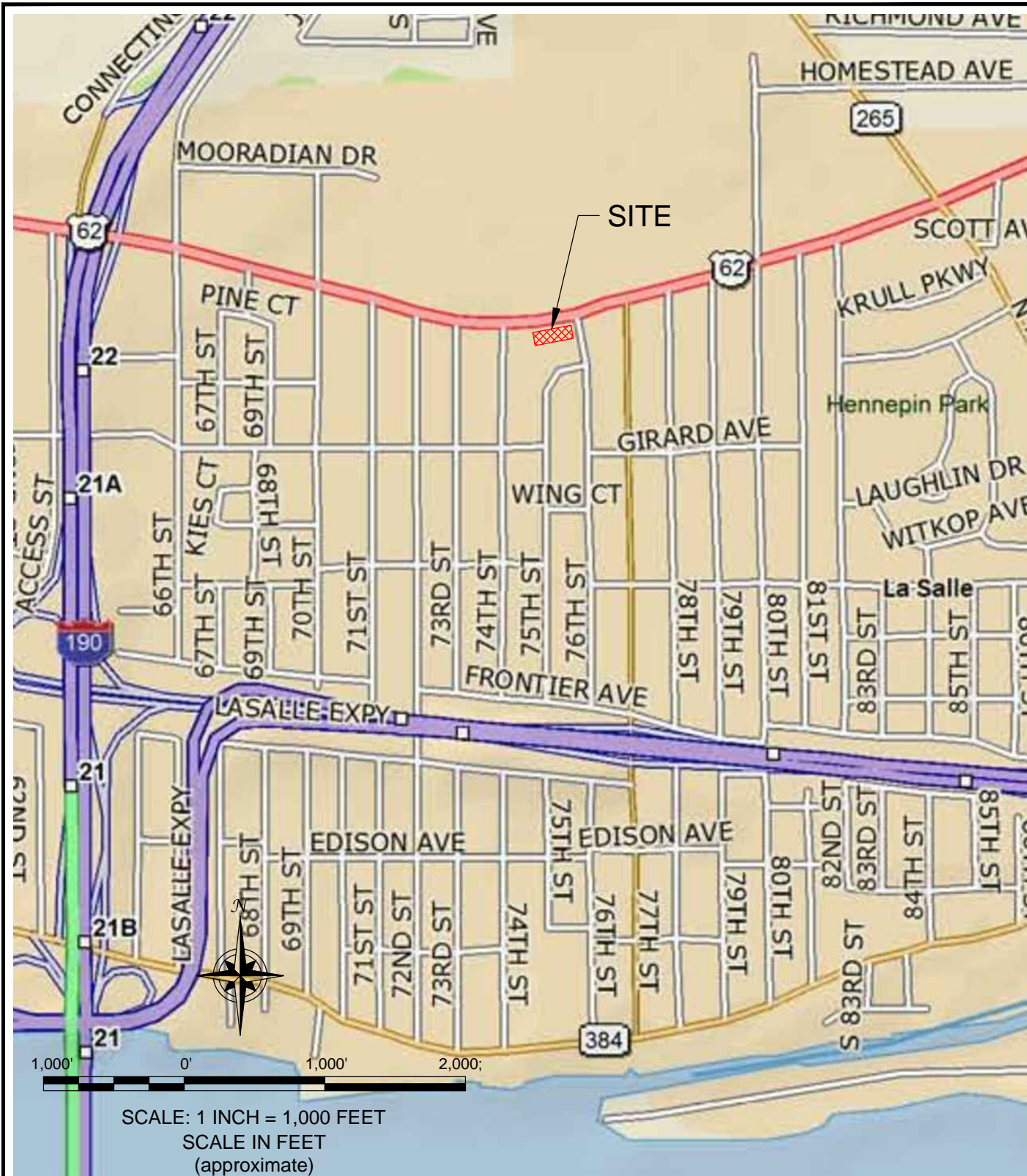
## 5.0 DECLARATION/LIMITATION

Benchmark Environmental Engineering and Science, PLLC, personnel conducted the annual site inspections for Brownfield Cleanup Program Site No. C932126, Niagara Falls, New York, according to generally accepted practices. This report complied with the scope of work provided to GLR Holdings, LLC by Benchmark Environmental Engineering and Science, PLLC.

This report has been prepared for the exclusive use of GLR 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 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.



## FIGURES



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

## SITE LOCATION AND VICINITY MAP

## PERIODIC REVIEW REPORT

7503 NIAGARA FALLS BOULEVARD SITE

NIAGARA FALLS, NEW YORK

PREPARED FOR

GLR HOLDINGS, LLC

PROJECT NO.: 0101-012-001

DATE: JULY 2012

DRAFTED BY: JGT





## SITE MAP (PRE-REMEDICATION)

PERIODIC REVIEW REPORT  
7503 NIAGARA FALLS BOULEVARD SITE

NIAGARA FALLS, NEW YORK  
PREPARED FOR  
GLR HOLDINGS, LLC

FIGURE 2



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

PROJECT NO.: 0101-012-001

DATE: MAY 2010

DRAFTED BY: AJZ/NTM

**FIGURE 3**



**LEGEND:**

- BCP PROPERTY BOUNDARY
- REVISED PARCEL BOUNDARY
- PARCEL BOUNDARY
- WENDY'S STORE & PAVEMENT



SCALE: 1 INCH = 60 FEET  
SCALE IN FEET  
(approximate)



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

PROJECT NO.: 0101-012-001

DATE: MAY 2010

DRAFTED BY: BCH/NTM

## SITE PLAN (POST-REMEDIATION)

PERIODIC REVIEW REPORT

7503 NIAGARA FALLS BOULEVARD SITE

NIAGARA FALLS, NEW YORK

PREPARED FOR  
GLR HOLDINGS, LLC

## 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, 2011 to May 16, 2012

- |   | YES                                 | NO                                  |
|---|-------------------------------------|-------------------------------------|
| 1. Is the information above correct?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 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?                       | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 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?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Box 2

- |  | YES                                 | NO                       |
|--|-------------------------------------|--------------------------|
| 6. Is the current site use consistent with the use(s) listed below?<br>Commercial and Industrial | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Are all ICs/ECs in place and functioning as designed?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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

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

YES NO



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

160.12-2-5

Owner

GLR Holdings, LLC

Institutional Control

Ground Water Use Restriction  
Landuse Restriction  
Site Management Plan

## Description of Engineering Controls

## Box 4

Parcel

160.12-2-5

Engineering Control

Vapor Mitigation

**Control Description for Site No. C932126**

**Parcel: 160.12-2-5**

2. Institutional and Engineering 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. 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. 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.

3. An active sub-slab depressurization (ASD) system under the building floor is one of the engineering controls to prevent 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.

4. 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.



**Control Description for Site No. C932126**

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.

**Periodic Review Report (PRR) Certification Statements**

**Box 5**

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

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 Richard C. Fox at 20 N. Union St. Rochester, NY  
print name print business address 14607

am certifying as Owner (Owner or Remedial Party)

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

GLE Holdings, LLC  
Richard C. Fox, managing member  
Signature of Owner, Remedial Party, or Designated Representative  
Rendering Certification

7.18.12  
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 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 \_\_\_\_\_ at \_\_\_\_\_,  
print name print business address

am certifying as a Qualified Environmental Professional for the \_\_\_\_\_  
(Owner or Remedial Party)

\_\_\_\_\_  
Signature of Qualified Environmental Professional, for  
the Owner or Remedial Party, Rendering Certification

\_\_\_\_\_  
Stamp  
(Required for PE)

\_\_\_\_\_  
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 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 Michael Lesalsowski at 2558 Hamburg Turnpike, Buffalo, NY  
print name print business address

am certifying as a Qualified Environmental Professional for the

Remedial Party  
(Owner or Remedial Party)

  
Signature of Qualified Environmental Professional, for  
the Owner or Remedial Party, Rendering Certification

NA  
Stamp  
(Required for PE)

7/25/12  
Date

## APPENDIX B

### SITE PHOTLOG

## SITE PHOTOGRAPHS

Photo 1:



Photo 2:



Photo 3:



Photo 4:



Photo 1: East face of building (Looking West)

Photo 2: Monitoring Well 14-R

Photo 3: South West corner of building (Looking Northeast)

Photo 4: Niagara Falls Boulevard (Looking Northwest)

0101-012-001

## SITE PHOTOGRAPHS

Photo 5:



Photo 6:



Photo 7:



Photo 8:



Photo 5: West face of building (Looking Northwest)

Photo 6: North side of property (Looking East)

Photo 7: ASD System Inspection

Photo 8: ASD System gauge Inspection

0101-012-001

## APPENDIX C

### ASD PERIODIC VISUAL INSPECTION LOGS



**Annual Operation & Maintenance  
Active Sub-Slab Depressurization System  
Certification Checklist**

Project Name: CLR-Holdings Wendy's Project No.: 0101-012-001  
Project Location: 7515 Niagara Falls Blvd Client: CLR-Holdings  
Preparer's Name: Thomas A. Behrendt Date/Time: 6/19/12 1500

**Notes:**

**System Information**

Has monthly system inspection been completed regularly? ☐ yes ☐ no  
Are last 11 inspection logs attached for the past 12 months? ☐ yes ☐ no

What is the current Vacuum reading? 0.50

**System Updates, Maintenance, Part Replacement**

NONE

## Annual Operation & Maintenance Active Sub-Slab Depressurization System Certification Checklist

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### Change in Occupancy / Use of Space:

Please indicate general use of floor space? Kitchen / Dining Area

Has this general use changed in the past year?

☐ yes

☒ no

If yes, please explain:

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### Building Renovations:

Have any building renovations taken place in the last month?

☐ yes

☒ no

If yes, please provide more information below, and sketch any basement floor plan modifications on the floor plan sketch below.

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System?

☐ yes

☒ no

If so, please list with date:

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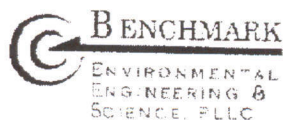
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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings Project No.: 0101-002-601  
 Project Location: 7515 Niagara Falls Blvd. Client: GLR Holdings  
 Preparer's Name: Scott Walter Date/Time: 1.9.12

### Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

5

### Visual Inspection:

Any piping disconnected?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Any cracks visible in piping?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Any new cracks visible in slab floor?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Magnehelic guage reading 0?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no

If yes to any question above, please provide more information below.



## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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### Change in Occupancy / Use of Space:

Please indicate general use of floor space?

Restaurant

Has this general use changed in the past month?

☐ yes

☒ no

If yes, please explain:

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System?

☐ yes

☒ no

If so, please list with date:

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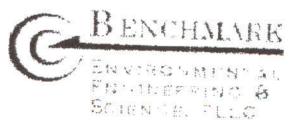
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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings Project No.: 0101-002-601  
 Project Location: 7515 Niagara Falls Blvd. Client: GLR Holdings  
 Preparer's Name: SEN WALTER Date/Time: 2-13-12

### Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no  
 Has the system been off-line in the past month? ☐ yes ☒ no  
 If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

0.5

### Visual Inspection:

Any piping disconnected? ☐ yes ☒ no  
 Any cracks visible in piping? ☐ yes ☒ no  
 Any new cracks visible in slab floor? ☐ yes ☒ no  
 Magnehelic guage reading 0? ☐ yes ☒ no

If yes to any question above, please provide more information below.



## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

### Change in Occupancy / Use of Space:

Please indicate general use of floor space? Restaurant

Has this general use changed in the past month?

☐ yes

☒ no

If yes, please explain:

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System?

☐ yes

☒ no

If so, please list with date:

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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings

Project No.: 0101-002-601

Project Location: 7515 Niagara Falls Blvd.

Client: GLR Holdings

Preparer's Name: *Scott Walker*

Date/Time: *3-26-12 2:00 pm*

### Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

*0.25*

### Visual Inspection:

Any piping disconnected? ☐ yes ☒ no

Any cracks visible in piping? ☐ yes ☒ no

Any new cracks visible in slab floor? ☐ yes ☒ no

Magnehelic guage reading 0? ☐ yes ☒ no

If yes to any question above, please provide more information below.

## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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### Change in Occupancy / Use of Space:

Please indicate general use of floor space? \_\_\_\_\_

Has this general use changed in the past month? \_\_\_\_\_

☐ yes

☒ no

If yes, please explain:

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? \_\_\_\_\_

☐ yes

☒ no

If so, please list with date:



## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings

Project No.: 0101-002-601

Project Location: 7515 Niagara Falls Blvd.

Client: GLR Holdings

Preparer's Name: *SEP NORTON*

Date/Time: *4-19-12 9:30 am*

### Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

*2.25*

### Visual Inspection:

Any piping disconnected? ☐ yes ☒ no

Any cracks visible in piping? ☐ yes ☒ no

Any new cracks visible in slab floor? ☐ yes ☒ no

Magnehelic guage reading 0? ☐ yes ☒ no

If yes to any question above, please provide more information below.

## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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### Change in Occupancy / Use of Space:

Please indicate general use of floor space? \_\_\_\_\_

Has this general use changed in the past month? \_\_\_\_\_

☐ yes

☒ no

If yes, please explain:

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? \_\_\_\_\_

☐ yes

☒ no

If so, please list with date:

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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings

Project No.: 0101-002-601

Project Location: 7515 Niagara Falls Blvd.

Client: GLR Holdings

Preparer's Name: *Scott Holtz*

Date/Time: *5-31-12 9:00am*

**Notes:**

**Monthly Operating Status:**

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

*0.05*

**Visual Inspection:**

Any piping disconnected? ☐ yes ☒ no

Any cracks visible in piping? ☐ yes ☒ no

Any new cracks visible in slab floor? ☐ yes ☒ no

Magnehelic guage reading 0? ☐ yes ☒ no

If yes to any question above, please provide more information below.

## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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### Change in Occupancy / Use of Space:

Please indicate general use of floor space? \_\_\_\_\_

Has this general use changed in the past month? \_\_\_\_\_

☐ yes

☒ no

If yes, please explain:

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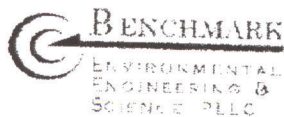
### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? \_\_\_\_\_

☐ yes

☒ no

If so, please list with date:



## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings Project No.: 0101-002-601  
 Project Location: 7515 Niagara Falls Blvd. Client: GLR Holdings  
 Preparer's Name: SCOTT WALTER Date/Time: 4/13/11

### Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

0.5

### Visual Inspection:

Any piping disconnected?

☐ yes

☒ no

Any cracks visible in piping?

☐ yes

☒ no

Any new cracks visible in slab floor?

☐ yes

☒ no

Magnehelic guage reading 0?

☐ yes

☒ no

If yes to any question above, please provide more information below.

## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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### Change in Occupancy / Use of Space:

Please indicate general use of floor space?

Restaurant

Has this general use changed in the past month?

☐ yes

☒ no

If yes, please explain:

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System?

☐ yes

☒ no

If so, please list with date:

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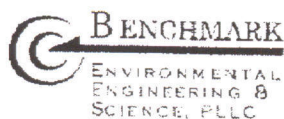
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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings Project No.: 0101-002-601  
 Project Location: 7515 Niagara Falls Blvd. Client: GLR Holdings  
 Preparer's Name: JOHN WALTER Date/Time: 7/10/11

Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

-5

### Visual Inspection:

Any piping disconnected?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Any cracks visible in piping?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Any new cracks visible in slab floor?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Magnehelic guage reading 0?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no

If yes to any question above, please provide more information below.



## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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### Change in Occupancy / Use of Space:

Please indicate general use of floor space? Restaurant

Has this general use changed in the past month? ☐ yes ☒ no

If yes, please explain:

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☒ no

If so, please list with date:

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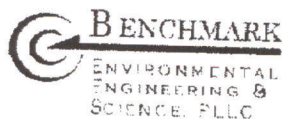
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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings Project No.: 0101-002-601  
 Project Location: 7515 Niagara Falls Blvd. Client: GLR Holdings  
 Preparer's Name: SCOTT WALTER Date/Time: 8/15/11  
 Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no  
 Has the system been off-line in the past month? ☐ yes ☒ no  
 If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 0.5

### Visual Inspection:

Any piping disconnected?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Any cracks visible in piping?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Any new cracks visible in slab floor?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Magnehelic guage reading 0?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no

If yes to any question above, please provide more information below.



## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

### Change in Occupancy / Use of Space:

Please indicate general use of floor space? Restaurant

Has this general use changed in the past month? ☐ yes ☒ no

If yes, please explain:

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☒ no

If so, please list with date:

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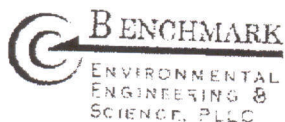
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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings Project No.: 0101-002-601  
 Project Location: 7515 Niagara Falls Blvd. Client: GLR Holdings  
 Preparer's Name: Scott WALTER Date/Time: 9/12/11

### Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

0.5

### Visual Inspection:

Any piping disconnected?

☐ yes

☒ no

Any cracks visible in piping?

☐ yes

☒ no

Any new cracks visible in slab floor?

☐ yes

☒ no

Magnehelic guage reading 0?

☐ yes

☒ no

If yes to any question above, please provide more information below.



## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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**Change in Occupancy / Use of Space:**

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Please indicate general use of floor space? Restaurant

Has this general use changed in the past month? ☐ yes ☒ no

If yes, please explain:

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**System Modifications:**

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Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☒ no

If so, please list with date:

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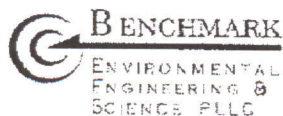
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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings Project No.: 0101-002-601  
 Project Location: 7515 Niagara Falls Blvd. Client: GLR Holdings  
 Preparer's Name: SSD WALTER Date/Time: 10/10/11

Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? -0.55

### Visual Inspection:

Any piping disconnected?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Any cracks visible in piping?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Any new cracks visible in slab floor?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Magnehelic guage reading 0?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no

If yes to any question above, please provide more information below.





## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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### Change in Occupancy / Use of Space:

Please indicate general use of floor space? Restaurant

Has this general use changed in the past month? ☐ yes ☒ no

If yes, please explain:

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☒ yes ☐ no

If so, please list with date:

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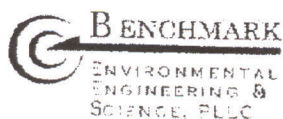
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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings Project No.: 0101-002-601  
 Project Location: 7515 Niagara Falls Blvd. Client: GLR Holdings  
 Preparer's Name: Scott Walter Date/Time: 11/14/11

### Notes:

### Monthly Operating Status:

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

0.5

### Visual Inspection:

Any piping disconnected?

☐ yes

☒ no

Any cracks visible in piping?

☐ yes

☒ no

Any new cracks visible in slab floor?

☐ yes

☒ no

Magnehelic guage reading 0?

☐ yes

☒ no

If yes to any question above, please provide more information below.



## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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**Change in Occupancy / Use of Space:**

Please indicate general use of floor space?

Restaurant

Has this general use changed in the past month?

☐ yes

☒ no

If yes, please explain:

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**System Modifications:**

Have any modifications been made to the Sub-Slab Depressurization System?

☐ yes

☒ no

If so, please list with date:

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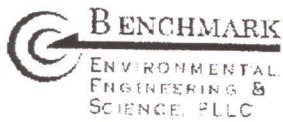
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## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

Project Name: GLR Holdings Project No.: 0101-002-601  
 Project Location: 7515 Niagara Falls Blvd. Client: GLR Holdings  
 Preparer's Name: Scott WALTER Date/Time: 12-12-11

**Notes:**

**Monthly Operating Status:**

System(s) currently running? ☒ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☒ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading?

-55

**Visual Inspection:**

Any piping disconnected?

☐ yes

☒ no

Any cracks visible in piping?

☐ yes

☒ no

Any new cracks visible in slab floor?

☐ yes

☒ no

Magnehelic guage reading 0?

☐ yes

☒ no

If yes to any question above, please provide more information below.



## Monthly Operation & Maintenance Log Active Sub-Slab Depressurization System

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### Change in Occupancy / Use of Space:

Please indicate general use of floor space? Restaurant

Has this general use changed in the past month?

☐ yes

☒ no

If yes, please explain:

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### System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System?

☐ yes

☒ no

If so, please list with date:

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# APPENDIX D

## GROUNDWATER MONITORING REPORT

July 13, 2012

Mr. Brian Sadowski  
NYSDEC Region 9  
270 Michigan Ave.  
Buffalo, New York 14203-2999

**Re: Annual Groundwater Monitoring Results  
7503 Niagara Falls Blvd. Site  
BCP Site No: C932126**

Dear Mr. Sadowski:

On behalf of our client, GLR Holdings, LLC, Benchmark Environmental Engineering & Science, PLLC (Benchmark) has prepared this correspondence related to long term groundwater monitoring of MW-14R. Groundwater sampling was performed on June 20, 2012 at the Wendy's Restaurant at 7503 Niagara Falls Boulevard, Niagara Falls, NY (see Figures 1 & 2).

Sampling was performed by Benchmark personnel using a 1.5-inch polyethylene disposable bailer. After three well volumes were purged, MW-14R was then sampled for Target Compound List (TCL) volatile organic compounds (VOCs) via USEPA Method 8260. Samples were then shipped under chain of custody command to TestAmerica Laboratories in Amherst, NY.

Analytical results are summarized on Table 1 (attached), the laboratory analytical report is attached in Attachment #1. The total chlorinated VOCs concentrations slightly increased, while the concentrations of trichloroethene and 1,2-dichloroethene decreased compared to the previous sampling results. Tetrachloroethene has remained non-detect (ND) since April 2008. The increase in cVOCs concentrations is reasonably attributable to low groundwater elevations as a result of a dry winter and spring seasons. Continued annual monitoring is recommended with the next groundwater monitoring event to be conducted during spring 2013.

Please contact us with any questions.

Sincerely,  
Benchmark Environmental Engineering & Science, PLLC



Tom Behrendt  
Project Geologist



Michael Lesakowski  
Project Manager

c. Greg Barkstrom, GLR Holdings, LLC  
File: 0101-012-001

# TABLE



**TABLE 1**  
**SUMMARY OF CHLORINATED VOCs GROUNDWATER ANALYTICAL DATA**

**Long Term Groundwater Monitoring  
7503 Niagara Falls Boulevard Site**

Parameter <sup>1</sup>	GWQS/GV <sup>3</sup>	MW-14 / MW-14R									
		Baseline <sup>2</sup> (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)
Vinyl chloride	2	910 D	380	150	320	540	150 D	ND	1600 D	1600 D	3800
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	1.4	1.1	ND
1,1-Dichloroethene	5	85 D	140	21 J	21 J	60 J	3.9 J	ND	22	11	26 J
Trichloroethene	5	540 D	1500	300	150	330	10	ND	3.4	3.2	ND
Tetrachloroethene	5	640	480	120	98	35	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	1300 D	520	240	500	1500	30	ND	110 D	44	100
cis-1,2-Dichloroethene	5	1100 D	570	220	370	850	310 D	ND	1200 D	930 D	2500
Total cVOCs	NA	4575	3590	1051	1459	3315	504	ND	2937	2589	6426

**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

# FIGURES



FIGURE 1



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

## SITE LOCATION AND VICINITY MAP

LONG-TERM GROUNDWATER MONITORING PLAN

7503 NIAGARA FALLS BOULEVARD SITE

NIAGARA FALLS, NEW YORK

PREPARED FOR

GLR HOLDINGS, LLC

PROJECT NO.: 0101-012-001

DATE: JULY 2012

DRAFTED BY: JGT





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

# **ATTACHMENT #1**

## **Laboratory Analytical Report**

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-21634-1

Client Project/Site: GLR Holdings

Sampling Event: GLR Holdings

For:

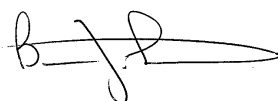
Benchmark Env. Eng. & Science, PLLC

2558 Hamburg Turnpike

Suite 300

Lackawanna, New York 14218

Attn: Mr. Michael Lesakowski



Authorized for release by:

7/2/2012 2:29:55 PM

Brian Fischer

Project Manager II

[brian.fischer@testamericainc.com](mailto:brian.fischer@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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## Definitions/Glossary

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Case Narrative

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

**Job ID: 480-21634-1**

**Laboratory: TestAmerica Buffalo**

### Narrative

#### Job Narrative 480-21634-1

### Comments

No additional comments.

### Receipt

The samples were received on 6/21/2012 3:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

### GC/MS VOA

Method(s) 8260B: The following sample(s) was diluted due to the abundance of target analytes: MW-14R (480-21634-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

## Detection Summary

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

### Client Sample ID: MW-14R

### Lab Sample ID: 480-21634-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethene	26	J	50	15	ug/L	50			8260B	Total/NA
cis-1,2-Dichloroethene	2500		50	41	ug/L	50			8260B	Total/NA
trans-1,2-Dichloroethene	100		50	45	ug/L	50			8260B	Total/NA
Vinyl chloride	3800		50	45	ug/L	50			8260B	Total/NA

### Client Sample ID: TRIP BLANK

### Lab Sample ID: 480-21634-2

No Detections



# Client Sample Results

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

**Client Sample ID: MW-14R**

**Lab Sample ID: 480-21634-1**

**Date Collected: 06/20/12 15:40**

**Matrix: Water**

**Date Received: 06/21/12 15:30**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			06/29/12 19:28	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			06/29/12 19:28	50
1,1,2-Trichloroethane	ND		50	12	ug/L			06/29/12 19:28	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			06/29/12 19:28	50
1,1-Dichloroethane	ND		50	19	ug/L			06/29/12 19:28	50
1,1-Dichloroethene	26	J	50	15	ug/L			06/29/12 19:28	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			06/29/12 19:28	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			06/29/12 19:28	50
1,2-Dibromoethane	ND		50	37	ug/L			06/29/12 19:28	50
1,2-Dichlorobenzene	ND		50	40	ug/L			06/29/12 19:28	50
1,2-Dichloroethane	ND		50	11	ug/L			06/29/12 19:28	50
1,2-Dichloropropane	ND		50	36	ug/L			06/29/12 19:28	50
1,3-Dichlorobenzene	ND		50	39	ug/L			06/29/12 19:28	50
1,4-Dichlorobenzene	ND		50	42	ug/L			06/29/12 19:28	50
2-Hexanone	ND		250	62	ug/L			06/29/12 19:28	50
2-Butanone (MEK)	ND		500	66	ug/L			06/29/12 19:28	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			06/29/12 19:28	50
Acetone	ND		500	150	ug/L			06/29/12 19:28	50
Benzene	ND		50	21	ug/L			06/29/12 19:28	50
Bromodichloromethane	ND		50	20	ug/L			06/29/12 19:28	50
Bromoform	ND		50	13	ug/L			06/29/12 19:28	50
Bromomethane	ND		50	35	ug/L			06/29/12 19:28	50
Carbon disulfide	ND		50	9.5	ug/L			06/29/12 19:28	50
Carbon tetrachloride	ND		50	14	ug/L			06/29/12 19:28	50
Chlorobenzene	ND		50	38	ug/L			06/29/12 19:28	50
Dibromochloromethane	ND		50	16	ug/L			06/29/12 19:28	50
Chloroethane	ND		50	16	ug/L			06/29/12 19:28	50
Chloroform	ND		50	17	ug/L			06/29/12 19:28	50
Chloromethane	ND		50	18	ug/L			06/29/12 19:28	50
cis-1,2-Dichloroethene	2500		50	41	ug/L			06/29/12 19:28	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			06/29/12 19:28	50
Cyclohexane	ND		50	9.0	ug/L			06/29/12 19:28	50
Dichlorodifluoromethane	ND		50	34	ug/L			06/29/12 19:28	50
Ethylbenzene	ND		50	37	ug/L			06/29/12 19:28	50
Isopropylbenzene	ND		50	40	ug/L			06/29/12 19:28	50
Methyl acetate	ND		50	25	ug/L			06/29/12 19:28	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			06/29/12 19:28	50
Methylcyclohexane	ND		50	8.0	ug/L			06/29/12 19:28	50
Methylene Chloride	ND		50	22	ug/L			06/29/12 19:28	50
Styrene	ND		50	37	ug/L			06/29/12 19:28	50
Tetrachloroethene	ND		50	18	ug/L			06/29/12 19:28	50
Toluene	ND		50	26	ug/L			06/29/12 19:28	50
trans-1,2-Dichloroethene	100		50	45	ug/L			06/29/12 19:28	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			06/29/12 19:28	50
Trichloroethene	ND		50	23	ug/L			06/29/12 19:28	50
Trichlorofluoromethane	ND		50	44	ug/L			06/29/12 19:28	50
Vinyl chloride	3800		50	45	ug/L			06/29/12 19:28	50
Xylenes, Total	ND		100	33	ug/L			06/29/12 19:28	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		66 - 137		06/29/12 19:28	50



## Client Sample Results

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

**Client Sample ID: MW-14R**

**Date Collected: 06/20/12 15:40**

**Date Received: 06/21/12 15:30**

**Lab Sample ID: 480-21634-1**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	106		71 - 126		06/29/12 19:28	50
<i>4-Bromofluorobenzene (Surr)</i>	97		73 - 120		06/29/12 19:28	50

# Client Sample Results

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-21634-2**

**Date Collected: 06/20/12 00:00**

**Matrix: Water**

**Date Received: 06/21/12 15:30**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/29/12 19:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/29/12 19:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/29/12 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/29/12 19:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/29/12 19:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/29/12 19:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/29/12 19:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/29/12 19:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/29/12 19:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/29/12 19:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/29/12 19:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/29/12 19:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/29/12 19:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/29/12 19:49	1
2-Hexanone	ND		5.0	1.2	ug/L			06/29/12 19:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/29/12 19:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/29/12 19:49	1
Acetone	ND		10	3.0	ug/L			06/29/12 19:49	1
Benzene	ND		1.0	0.41	ug/L			06/29/12 19:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/29/12 19:49	1
Bromoform	ND		1.0	0.26	ug/L			06/29/12 19:49	1
Bromomethane	ND		1.0	0.69	ug/L			06/29/12 19:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/29/12 19:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/29/12 19:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/29/12 19:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/29/12 19:49	1
Chloroethane	ND		1.0	0.32	ug/L			06/29/12 19:49	1
Chloroform	ND		1.0	0.34	ug/L			06/29/12 19:49	1
Chloromethane	ND		1.0	0.35	ug/L			06/29/12 19:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/29/12 19:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/29/12 19:49	1
Cyclohexane	ND		1.0	0.18	ug/L			06/29/12 19:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/29/12 19:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/29/12 19:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/29/12 19:49	1
Methyl acetate	ND		1.0	0.50	ug/L			06/29/12 19:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/29/12 19:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/29/12 19:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/29/12 19:49	1
Styrene	ND		1.0	0.73	ug/L			06/29/12 19:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/29/12 19:49	1
Toluene	ND		1.0	0.51	ug/L			06/29/12 19:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/29/12 19:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/29/12 19:49	1
Trichloroethene	ND		1.0	0.46	ug/L			06/29/12 19:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/29/12 19:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/29/12 19:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/29/12 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		66 - 137		06/29/12 19:49	1

## Client Sample Results

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

**Client Sample ID: TRIP BLANK**

**Date Collected: 06/20/12 00:00**

**Date Received: 06/21/12 15:30**

**Lab Sample ID: 480-21634-2**

**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	105		71 - 126		06/29/12 19:49	1
<i>4-Bromofluorobenzene (Surr)</i>	96		73 - 120		06/29/12 19:49	1

## Surrogate Summary

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-21634-1	MW-14R	109	106	97
480-21634-2	TRIP BLANK	109	105	96
LCS 480-70554/4	Lab Control Sample	104	106	104
MB 480-70554/5	Method Blank	106	106	99

#### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

# QC Sample Results

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-70554/5

Matrix: Water

Analysis Batch: 70554

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/29/12 11:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/29/12 11:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/29/12 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/29/12 11:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/29/12 11:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/29/12 11:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/29/12 11:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/29/12 11:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/29/12 11:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/29/12 11:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/29/12 11:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/29/12 11:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/29/12 11:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/29/12 11:43	1
2-Hexanone	ND		5.0	1.2	ug/L			06/29/12 11:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/29/12 11:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/29/12 11:43	1
Acetone	ND		10	3.0	ug/L			06/29/12 11:43	1
Benzene	ND		1.0	0.41	ug/L			06/29/12 11:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/29/12 11:43	1
Bromoform	ND		1.0	0.26	ug/L			06/29/12 11:43	1
Bromomethane	ND		1.0	0.69	ug/L			06/29/12 11:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/29/12 11:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/29/12 11:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/29/12 11:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/29/12 11:43	1
Chloroethane	ND		1.0	0.32	ug/L			06/29/12 11:43	1
Chloroform	ND		1.0	0.34	ug/L			06/29/12 11:43	1
Chloromethane	ND		1.0	0.35	ug/L			06/29/12 11:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/29/12 11:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/29/12 11:43	1
Cyclohexane	ND		1.0	0.18	ug/L			06/29/12 11:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/29/12 11:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/29/12 11:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/29/12 11:43	1
Methyl acetate	ND		1.0	0.50	ug/L			06/29/12 11:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/29/12 11:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/29/12 11:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/29/12 11:43	1
Styrene	ND		1.0	0.73	ug/L			06/29/12 11:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/29/12 11:43	1
Toluene	ND		1.0	0.51	ug/L			06/29/12 11:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/29/12 11:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/29/12 11:43	1
Trichloroethene	ND		1.0	0.46	ug/L			06/29/12 11:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/29/12 11:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/29/12 11:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/29/12 11:43	1

# QC Sample Results

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-70554/5

Matrix: Water

Analysis Batch: 70554

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		06/29/12 11:43	1
Toluene-d8 (Surr)	106		71 - 126		06/29/12 11:43	1
4-Bromofluorobenzene (Surr)	99		73 - 120		06/29/12 11:43	1

Lab Sample ID: LCS 480-70554/4

Matrix: Water

Analysis Batch: 70554

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.6		ug/L		94	71 - 129
1,1-Dichloroethene	25.0	22.5		ug/L		90	65 - 138
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	77 - 120
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 127
Benzene	25.0	25.4		ug/L		102	71 - 124
Chlorobenzene	25.0	25.2		ug/L		101	72 - 120
cis-1,2-Dichloroethene	25.0	24.8		ug/L		99	74 - 124
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
Methyl tert-butyl ether	25.0	21.5		ug/L		86	64 - 127
Tetrachloroethene	25.0	25.6		ug/L		102	74 - 122
Toluene	25.0	24.8		ug/L		99	70 - 122
trans-1,2-Dichloroethene	25.0	26.3		ug/L		105	73 - 127
Trichloroethene	25.0	24.5		ug/L		98	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		66 - 137
Toluene-d8 (Surr)	106		71 - 126
4-Bromofluorobenzene (Surr)	104		73 - 120

## QC Association Summary

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

### GC/MS VOA

#### Analysis Batch: 70554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21634-1	MW-14R	Total/NA	Water	8260B	
480-21634-2	TRIP BLANK	Total/NA	Water	8260B	
LCS 480-70554/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-70554/5	Method Blank	Total/NA	Water	8260B	

## Lab Chronicle

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

**Client Sample ID: MW-14R**

**Date Collected: 06/20/12 15:40**

**Date Received: 06/21/12 15:30**

**Lab Sample ID: 480-21634-1**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	70554	06/29/12 19:28	TRB	TAL BUF

**Client Sample ID: TRIP BLANK**

**Date Collected: 06/20/12 00:00**

**Date Received: 06/21/12 15:30**

**Lab Sample ID: 480-21634-2**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	70554	06/29/12 19:49	TRB	TAL BUF

### Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600



## Certification Summary

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Maine	State Program	1	NY00044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	2973
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-11-2
TestAmerica Buffalo	USDA	Federal		P330-11-00386
TestAmerica Buffalo	Virginia	NELAC	3	460185
TestAmerica Buffalo	Washington	State Program	10	C784
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

## Sample Summary

Client: Benchmark Env. Eng. & Science, PLLC  
Project/Site: GLR Holdings

TestAmerica Job ID: 480-21634-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-21634-1	MW-14R	Water	06/20/12 15:40	06/21/12 15:30
480-21634-2	TRIP BLANK	Water	06/20/12 00:00	06/21/12 15:30

# TestAmerica

Temperature on Receipt \_\_\_\_\_

**THE LEADER IN ENVIRONMENTAL TESTING**

Drinking Water? Yes ☐ No ☐

ITAL-4124 (1007)

<u>Client</u>	<u>Project Manager</u>	<u>Date</u>	<u>Chain of Custody Number</u>
Turnkey Environmental	Mike Lesiakowski		149975
<u>Address</u>	<u>Telephone Number (Area Code)/Fax Number</u>	<u>Lab Number</u>	<u>Page</u> <u>1</u> <u>of</u> <u>1</u>
2558 Hamburg Turnpike	(716) 856-0635		



City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)
Lackawanna	NY	14218	T. Behrendt	B. Fischer	
Project Name and Location, (State)			Carrier/Waybill Number		

6LR-Holdings (Wendy's)	Container 8	100	Special Instructions/ Conditions of Purchase
Contract/Purchase Order/Quote No.			

Special Instructions/  
Conditions of Receipt[illegible][illegible]

Possible Hazard Identification		Sample Disposal		(A fee may be assessed if samples are retained longer than 1 month)	
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Return To Client	<input type="checkbox"/> Archive For _____ Months
		<input checked="" type="checkbox"/> Unknown			

Turn Around Time Required	QC Requirements (Specify)				
24 Hours	<input type="checkbox"/>	48 Hours	<input checked="" type="checkbox"/>	7 Days	<input type="checkbox"/>
			14 Days	<input type="checkbox"/>	
			21 Days	<input checked="" type="checkbox"/>	Other <u>SFD</u>

1. Helicoptered By		Date	Time	1. Received By		Date	Time
		6/21/20	0815			6-21-12	1420

2. Relinquished By <i>James W. [Signature]</i>	Date <i>6-2-12</i>	Time <i>1530</i>	2. Received By <i>[Signature]</i>	Date <i>6/2/12</i>	Time <i>0853</i>
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3. Relinquished by		3. Received by		Date	Time
Date	Time	Date	Time		
Comments					

30#2

**DISTRIBUTION:** WHITE - Returned to Client with Report; CANARY - Slays with the Sample; PINK - Field Copy

## Login Sample Receipt Checklist

Client: Benchmark Env. Eng. & Science, PLLC

Job Number: 480-21634-1

**Login Number: 21634**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Janish, Carl**

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	BMTK
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	