4400 Broadway
Depew, New York 14043
Office (716) 686-3710
Fax (716) 686-3716

PERIODIC REVIEW REPORT – NO. 2

Former Pizza Hut
2137 Seneca Street
Buffalo, New York 14210

NYSDEC Site No. V00370-9

Project Number: 07.007684/001

Prepared For:

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

and

Creative Structures Services, Inc.
1659 Amherst Street
Buffalo, New York 14214

Report Date: March 20, 2014

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1.0 EXECUTIVE SUMMARY

As authorized by Mr. David Pawlik (Owner) on behalf of 2137 Seneca Street, LLC, Quality Inspection Services, Inc. - An Applus RTD Company (QISI) has completed a Periodic Review Report (PRR) of a parcel of land addressed at 2137 Seneca Street, Buffalo (Erie County), New York (Site). The PRR was completed in general conformance with the Site Management Plan (SMP) prepared by URS, Inc. and dated May 25, 2011 for New York State Department of Environmental Conservation (NYSDEC) Volunteer Clean-up Program Site #V00370-9.

Historical use of the Site indicated that previous uses of the Site include residential dwellings, a pharmacy, a retail tire establishment, automotive service building, offices, a dry cleaning establishment, and former restaurants (i.e., Pizza Hut and Wendy's). Dry cleaning chemicals (namely Tetrachloroethene or PCE) were presumably released to the environment from the aforementioned dry-cleaning establishment resulting in impacted soil and groundwater.

The Site has undergone several remediation activities between 2003 and 2009 with the approval of NYSDEC. Approximately 726-tons of excess overburden soil/fill was excavated and transported off-site for disposal as part of the remedial activities. The Site was restored post-remediation and was developed with a commercial-retail facility operated as a Dollar General store. The NYSDEC-approved Site Management Plan requires continued certification of the Site Institutional and Engineering Controls and implementation of a Groundwater Monitoring Program.

During the monitoring period commencing September 2013, the following tasks of the SMP were completed:

- Institutional and Engineering (IC/EC) Controls were maintained as certified by the Owner;
- A Site-wide inspection was completed of the Cover System; and
- Groundwater Monitoring was completed.

No failures were noted associated with the Cover System. Two previously damaged shrubs were noted to have been replaced along the Kingston Place side of the asphalt parking lot (northwest corner). No voids remained at the locations of the two replaced shrubs (ground surface was level).

Recommendations: None.

In addition, the results of the Groundwater Monitoring Program indicate that elevated levels of chlorinated volatile organic compounds (CVOCs) associated with PCE and its potential breakdown products (TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, 1,1-DCA, and Vinyl Chloride) were detected in monitoring well MW-4, at concentrations above the NYSDEC-mandated Standards, Criteria, and Guidelines (SCG) value of 1 milligram/liter (mg/L). The analytical results of downgradient perimeter wells MW-11 and PZ-A indicate an increase of CVOC degradation by-products of PCE chiefly associated with vinyl chloride and/or cis-1,2-Dichloroethene (refer to the URS SMP report dated May 25, 2011). It should be noted that PCE degradation CVOCs were detected in deep monitoring well MW-4, and included vinyl chloride (0.0049 ppm) and cis-1,2-Dichloroethene (0.0037 ppm).

Recommendation: Continued Groundwater Monitoring is required as stipulated in the VCP agreement until the NYSDEC-mandated SCG is attained. Once attained, four (4) additional Quarters of Groundwater Monitoring will be required.

2.0 Site Overview

2.1 Location

The Site is located in an urban area in the City of Buffalo, County of Erie, New York. The current Site address is 2137 Seneca Street, which is identified as Parcel Number 133.26-7-1.1 on the City of Buffalo Tax Map. The Site is an approximately 0.5-acre area bounded by Seneca Street to the northeast and Kingston Place to the northwest. Commercial properties are located adjacent to the Site along Seneca Street (northeast, northwest, and southeast) and residential properties border the rear of the Site along Kingston Avenue (southwest) (Figure 1 and 2).

The Site is currently occupied by an active, single-story commercial building that faces Seneca Street and an asphalt-paved parking lot that covers the remainder of the property around the building. The current building is built for use as a Dollar General (discount store) since 2013.

2.2 Site History and Remediation

Historical use of the Site was summarized by Conestoga Rovers and Associates (CRA) in the associated Final Site Investigation Report and Feasibility Study (SI/FS Report), dated March 31, 2003. This report indicated that previous uses of the Site include residential dwellings, a pharmacy, a retail tire establishment, automotive service building, offices, a dry cleaning establishment, and former restaurants (i.e., Pizza Hut and Wendy's). According to historic business listings (CRA SI/FS Report), buildings facing Seneca Street included the dry cleaning establishment at 2141 Seneca Street (northeast corner of the property) from the 1950s until construction of the former Pizza Hut/Wendy's building in 1982. Dry cleaning chemicals (namely Tetrachloroethene or PCE) were presumably released to the environment from the aforementioned dry-cleaning establishment resulting in impacted soil and groundwater.

A Phase II environmental site investigation (ESI) performed by the Fourth River Company of Pittsburgh, Pennsylvania (FRC) in 1999, first identified the presence of PCE on-Site. Franchise Finance Corporation of America (FFCA – merged with GE Capital Franchise Finance Corporation (GEFF) in 2001), a former Owner, and the New York State Department of Environmental Conservation (NYSDEC) enrolled into the NYSDEC Voluntary Clean-up Program (VCP) in 2000 as the then-noted Volunteer, and the site was assigned the VCP number V00370-9. Several investigations and sampling events were conducted by between 1999 and 2002 before remedial action for the soil was conducted in 2003 and of the groundwater in April 2004 and November 2009. [The current Site Owner is 2137 Seneca Street LLC, which has developed the site as a Dollar General commercial-retail store.]

The Site has undergone several remediation activities between 2003 and 2009 with the approval of NYSDEC. The following is a summary of the Remedial Actions performed at the Site:

- Excavation of soil/fill in the northern portion of the Site that exceeded NYSDEC Technical Administrative Guidance Memorandum (TAGM) #4046 Standards, Criteria, and Guidelines (SCGs) to the extent practicable; advancing vertically to the top of the water table (approximately 10 feet bgs) and horizontally to the property boundary or structures whose integrity would be compromised;

- Construction and maintenance of a soil cover system consisting of vegetative soil or asphalt pavement overlying limestone aggregate backfill to prevent human exposure to remaining contaminated soil/fill remaining at depths below 6 feet under the Site;

- Execution and recording of the Declaration to restrict land use and prevent future risks of exposure, if any, to any residual contamination remaining at the Site;

- Installation of an in-situ groundwater treatment system in the northern portion of the Site comprising a series of injection wells and injection gallery piping connected to service boxes through a network of shallow subsurface feeding lines;

- Implementation of four In-Situ Chemical Oxidation (ISCO) applications to the shallow and deep groundwater utilizing the aforementioned treatment system under gravity flow conditions between April 2004 and May 2005;

- Implementation of three applications of both abiotic and biotic reductive dehalogenation remediation amendments within the shallow groundwater in the northern corner of the Site between September 2007 and November 2009. These full-scale events included the injection of zero-valent iron (ZVI) and either Hydrogen-releasing Compound (HRC)® or EHC® after pathway development within the subsurface using pneumatic and limited hydraulic fracturing;

- Development and implementation of a Soil Management Plan (SMP) for long-term management of Remaining Contamination as required by the Declaration, which includes plans for IC and EC Plans; monitoring, operation and maintenance (if needed); and reporting.

- Completion of a Construction Closeout Report (CCR), on behalf of 2137 Seneca, LLC, to summarize the post-remedial redevelopment activities at the Site. Post remedial activities included the following:

    - Demolition of former restaurant building, with off-site disposal and or recycling of waste streams. Approximately 726-tons of excess overburden soil/fill was excavated and transported off-site for disposal, including 627-tons at WM – Chafee Landfill in Chaffee, New York and 99-tons at Modern Landfill in Model City, New York

    - Decommissioning of thirty-six (36) former monitoring wells and piezometers, in accordance with NYSDEC CP-43 guidelines;

    - Installation of a passive sub-slab vapor depressurization system within the newly constructed commercial building (i.e., Dollar General);

    - Placement and compaction of clean backfill material. Approximately 965.5-tons of approved backfill material was placed on-Site including, approximately 877.5 tons of 2” ROC from Buffalo Crushed Stone Wehrle, and approximately 88-tons of 2” recycled material from Buffalo Recycled Aggregate, LLC; and,

    - Construction of a new 9,100 square foot commercial building, parking areas, and landscaping.

2.3 Remaining Contamination

Based on the analytical data collected to-date, contaminant concentrations have been significantly reduced; however, Remaining Contamination was still detected in the subsurface on-Site by URS, Inc. as of May 2011. As previously reported to the NYSDEC, the results of the remedial investigations, as well as the confirmatory soil sampling and progress groundwater monitoring conducted after the remedial efforts, were performed to evaluate the Remaining Contamination present on-Site.

The groundwater contaminant data since January 2006, as previously reported by URS, Inc., confirm that the application of abiotic and biotic reductive dehalogenation remediation technologies has been successful in reducing the PCE concentration breakdown products (cis-1,2-dichloroethene [cis-1,2-DCE] and vinyl chloride, respectively) on-Site. The chlorinated volatile organic compound (CVOC) contaminant mass on-Site is reportedly dominated by the third-order breakdown product vinyl chloride, indicating that reductive dehalogenation pathway of PCE is nearly completed.

2.4 Existing Groundwater Monitoring System

According to the URS SMP, groundwater monitoring results have demonstrated that residual groundwater concentrations are consistently below or near the NYSDEC-defined SCG and have demonstrated significant stability at low levels in the perimeter wells.

Groundwater monitoring of five shallow wells within the immediate vicinity of the remediated impact area will continue on a semi-annual basis until the reported total CVOC concentration at all monitored wells drops below the NYSDEC-defined SCG. The five shallow wells include MW-2, MW-4, MW-11, MW-13, and PZ-A. In addition, deep well MW-4A is also monitored. The locations of the wells are presented on Figure 3.

Monitoring well MW-4 still contains groundwater at levels exceeding the NYSDEC-defined SCG The analytical results of downgradient perimeter wells MW-11 and PZ-A indicate an increase of CVOC degradation by-products of PCE chiefly associated with vinyl chloride and/or cis-1,2-Dichloroethene (refer to the URS SMP report dated May 25, 2011).

2.5 Clean-up Goals

According to the SMP report, the remedial goal of reducing groundwater CVOCs to the NYSDEC-mandated concentration of 1 milligram per liter (mg/L) or part per million (ppm) or less on-Site has substantially been achieved. Isolated temporary spikes in CVOC concentrations have been reported specifically in monitoring well MW-4 (Figure 3) chiefly associated with PCE degradation products.

Once the monitoring objectives have been achieved, the current Owner (i.e., 2137 Seneca Street LLC) will perform at least three more groundwater monitoring events (four quarters total) to confirm that the monitoring results report a cumulative CVOC concentration (i.e., summation of PCE and its breakdown products TCE, 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) of less than 1 mg/L in each on-Site well. Once the quarterly monitoring has demonstrated that the total CVOC concentrations on-Site are at 1 mg/L or below, the Owner will notify NYSDEC, discontinue groundwater monitoring, and initiate the decommissioning of the monitoring wells. The Owner will not initiate the well decommissioning activities without NYSDEC's consent. Well decommissioning will be in accordance with NYSDEC guidance.

2.6 Institutional/Engineering Control Verification

2.6.1 Verification of Site Details

As per the NYSDEC Site Management Periodic Review (PRR) Notice, Institutional Controls (IC) and Engineering Controls (EC) Certification process, the Owner (i.e., 2137 Seneca Street LLC) is required to verify Site details on an annual basis until closure of the VCP Agreement is satisfied.

2.6.2 Institutional Controls Certification

As per the NYSDEC Site Management Periodic Review (PRR) Notice, Institutional Controls (IC) and Engineering Controls (EC) Certification process, the Owner (i.e., 2137 Seneca Street LLC) is required to verify that all existing site controls are still applicable. The following ICs are listed for the Site:

- Groundwater Use Restriction
- Land-use Restriction
- Monitoring Plan
- Site Management Plan (SMP)

The Declaration of Covenants and Restrictions prohibits the site from being used for anything other than industrial or commercial purposes, excluding day care, child care and medical care uses. The use of the groundwater underlying the site is also prohibited without proper treatment.

The Owner has certified that the IC/EC are applicable (refer to Appendix B - Institutional Controls (IC) and Engineering Controls (EC) Certification).

2.6.3 Engineering Controls Certification

As per the NYSDEC Site Management Periodic Review (PRR) Notice, Institutional Controls (IC) and Engineering Controls (EC) Certification process, the Owner (i.e., 2137 Seneca Street LLC) is required to verify that all existing site controls are still applicable.

The following EC are listed for the Site:

- Cover System Inspection

The soil cover system is a permanent, passive control that includes clean soil cover/cap in landscaped areas, asphalt covered/paved parking, and throughways, and concrete covered sidewalks that is integrated into the current use of the property. The current cover system is expected to remain in-place in perpetuity with routine maintenance (i.e., landscaping maintenance, asphalt pavement sealing and repair, municipal inspection of sidewalks and associated repair) expected with Site use.

The cover system monitoring will be conducted annually in the spring or early summer season and will involve a visual walk-over inspection of the Site. Additional inspections will be required after any redevelopment of the property that involves removal and replacement of any section of the pavement, including excavations. Unscheduled inspections may take place when a suspected failure in the cover system has been reported or an emergency occurs that is deemed likely to affect the operation of the system.

The visual inspection will involve an evaluation of the integrity of the following features on-Site:

a) The sidewalk along Kingston Place and Seneca Street;
b) The landscaped area between the northwestern edge of the parking lot and the sidewalk along Kingston Place;
c) The asphalt pavement parking lot surrounding the current building;
d) The landscaped area in front (northeast) of the current building.

A complete list of components to be checked is provided in the Inspection Checklist, presented in Appendix B-2. For landscaped areas, observations including areas of deterioration, water erosion, subsidence, or ponding will be documented on the inspection form and evaluated. For paved areas (i.e., asphalt, sidewalk), separation cracks or vertical off-sets that are greater than one-half inch shall be documented and sealed or repaired.

If an emergency, such as a natural disaster or an unforeseen failure of any of the ECs occurs, an inspection of the Site will be conducted within 5 days of the event to verify the effectiveness of the EC/ICs implemented at the Site by a qualified environmental professional as determined by NYSDEC.

As a requirement of the EC Certification, a New York State Professional Engineer (NYSPE) is required to sign the appropriate Certification Form. Such is provided in Appendix B-1.

3.0 Media Monitoring Program

SMP activities include monitoring of groundwater remediation progress and contingency monitoring of Soil Vapor Intrusion (SVI) potential. Groundwater monitoring includes well development and sampling activities at monitoring wells noted in Section 2.4.

The contingency SVI monitoring has not been completed as the requirements for such monitoring have not yet been developed by the Owner or approved by the NYSDEC. At present, a passive sub-slab vapor depressurization system has been installed within the newly constructed commercial building (i.e., Dollar General). An evaluation of the need for implementing an active system has not been implemented for the Site. If required based on available soil and/or groundwater monitoring data, the SVI will identify the SVI risk present for the building occupation and outline a program necessary for monitoring and/or mitigating the risk, if present.

3.1 Groundwater Progress Monitoring

Groundwater progress monitoring was conducted to assess the performance of the remedial activities as the groundwater concentrations approach the remedial goal of 1 part-per-million (ppm) in each of the on-site monitoring wells serving as the monitoring program wells (refer to Section 2.4).

In as much as there are no active potable water supply wells on-Site or off-Site that are withdrawing groundwater from the VOC-contaminated groundwater zone, there is no significant risk posed to public health due to the detection of part per- billion (ppb) concentrations of CVOCs in groundwater in the vicinity of the Site. In addition, there appears to be no significant future risk to human health given the unlikely potential for future potable use of the shallow aquifer underlying the Site.

To confirm that groundwater has achieved the site-specific remedial goal, monitoring wells have been established that include up-gradient well MW-2, down-gradient wells MW-4, MW- 13, MW-11, and PZ-A, and deep well MW-4A, as illustrated on Figure 3. These wells were previously selected based on the historic groundwater concentrations. Monitoring well MW-2 is also included to confirm up-gradient to cross-gradient concentrations.

Groundwater progress monitoring was conducted in November 2013 and will further be conducted on a semi-annual basis until the reported total CVOC concentration in each of the selected wells achieves the NYSDEC-defined SCG a level of 1 mg/L or below of total CVOCs.

3.2 Sampling Protocol

3.2.1 Groundwater Wells

Groundwater level measurements were collected from the designated monitoring well locations (i.e., MW-2, MW-4, MW-4A, MW-11, MW-13, PZ-A) prior to sampling. Each well was purged using low-flow pumping techniques. Groundwater samples were collected after at least three well-volumes were removed. Sampled groundwater was collected in laboratory-supplied bottles, placed in a cooler, chilled to approximately 4 degrees Celsius (^{o}C), and transported to the analytical laboratory (i.e., Alpha Analytical) by field crew under chain-of-custody procedures.

Groundwater samples were tested for VOCs by SW-846 Method 8260. To monitor QA/QC for each groundwater sampling event, one duplicate sample and one trip blank were collected during the monitoring event.

3.2.2 Disposal Drums

All purged water was containerized within a 55-gallon drum that was stored on-Site proximate the trash enclosure. A composite sample of the contents of the drum(s) will be tested when filled to evaluate whether the

waste is characterized as non-hazardous or hazardous for disposal purposes. As of December 2010, the criteria for evaluating the composite sample results to determine whether the waste is hazardous or nonhazardous is outlined in the New York State regulations in 6 NYCRR Part 371.3(e) and the Federal Regulations in 40 CFR Part 261.24. Historic waste characterization evaluations (by others) have found that the constituents most likely to impact the evaluation are the VOC constituents listed in the Table below (their respective criteria for determining the hazardous character of the waste is also included).

Constituent	6 NYCRR Part 371.3 (e) (as of December 2010)	40 CFR Part 261.24 (as of December 2010)
PCE	0.7 mg/L	0.7 mg/L
TCE	0.5 mg/L	0.5 mg/L
Vinyl Chloride	0.2 mg/L	0.2 mg/L

3.3 Monitoring Quality Assurance/Quality Control (QA/QC)

All sampling and analyses will be performed in accordance with the requirements of the Quality Assurance Project Plan (QAPP) prepared for the Site and presented in the SMP. Main components include:

- Sampling Program
  - Sample containers will be provided by the laboratory to certify that they are properly washed, decontaminated, and dosed with appropriate preservative (if applicable) prior to sample collection and analysis. Containers with preservative will be properly labeled as such.
  - Sample holding times will be in accordance with the NYSDEC Analytical Services Protocol (ASP) requirements.
  - Field QC samples (e.g., trip blanks and coded field duplicates) will be collected as necessary.

- Analytical Procedures.

- Preparation of a summary of sample preservation and chain-of-custody procedures.

- Calibration Procedures:
  - All field analytical equipment will be calibrated immediately prior to each day's use. Calibration procedures will conform to manufacturer's standard instructions.
  - The laboratory will follow all calibration procedures and schedules as specified in EPA SW-846 and subsequent updates that apply to the instruments used for the analytical methods.

- Preventative Maintenance Procedures and Schedules.

- Corrective Action Measures.

4.0 Summary of Results

4.1 Institutional/Engineering Control Verification

As per the NYSDEC Site Management Periodic Review (PRR) Notice, Institutional Controls (IC) and Engineering Controls (EC) Certification process, the Owner (i.e., 2137 Seneca Street LLC) is required to verify that all existing site controls are still applicable. The Owner has certified that the IC/EC are applicable (refer to Appendix B - Institutional Controls (IC) and Engineering Controls (EC) Certification).

4.2 Engineering Controls Certification

As per the NYSDEC Site Management Periodic Review (PRR) Notice, Institutional Controls (IC) and Engineering Controls (EC) Certification process, the Owner (i.e., 2137 Seneca Street LLC) is required to verify that all existing site controls are still applicable.

The following EC are listed for the Site:

- Cover System Inspection

Based on the results of the Site inspection, the following was noted:

- Vegetative cover along Kingston Place – no concerns noted (refer to Appendix B-2)
- Sidewalk (Kingston Place), parking lot, building walkways, access roads – no concerns (refer to Appendix B-2)

Two shrubs were previously noted to be damaged along the Kingston Place side of the asphalt parking lot (northwest corner). The shrubs were noted to have been replaced since the last site wide inspection in April 2013.

4.3 Groundwater Monitoring Program

Six (6) groundwater monitoring wells were redeveloped on April 19, 2013, prior to sampling on April 26, 2013. Well redevelopment included the following tasks:

- Each well was redeveloped using a low-flow peristaltic pump, Model Geotech Geopump II, and appropriate-diameter polyethylene tubing. Prior to redevelopment, each well was gauged with an electronic water level indicator to determine the depth to the water table; such data is presented in Table No. 2. [Table No. 1 also presents historic water levels obtained by others] Well evacuation continued until at least three well volumes were removed. The evacuated waters were stored in a 55-gallon drum on-site.
- Monitoring well PZ-A was developed using a 1-inch PVC bailer and at least five well volumes were evacuated.
- Groundwater samples were obtained via the low-flow peristaltic pump, utilizing the same polyethylene tubing used for well redevelopment.
- Groundwater samples were placed into pre-cleaned jars provided by the analytical laboratory, Alpha Analytical. One trip blank QA/QC sample was also submitted for analysis. One unmarked Duplicate sample was also submitted for analysis. The eight (8) samples were submitted for volatile organic compound (VOC) analysis via USEPA Method 8260C.

4.3.1 Groundwater Levels

Groundwater elevations were plotted on a site location map which presents the existing Groundwater Monitoring System wells. Groundwater elevations are referenced to the top of the well casing at each well and are

presented in Table 2 and shown graphically on Figure 3. The approximate shallow overburden groundwater flow direction is believed to be to the northwest direction and is consistent with historic data.

4.3.1.1 Well Integrity

All monitoring wells were checked for integrity of the steel road boxes and the surface cement-grout seals. All road boxes and the surface seals were determined to be intact. However, the road box hold-down bolts at well PZ-A were noted to be stripped. The bolts were replaced on extraction and the well was secured.

4.3.2 Analytical Results

Based on the analytical results of the groundwater sampling and testing, the detected parameters are presented in Table 2 and graphically on Figure 4. Total CVOC concentrations, which include a summation of PCE and its potential breakdown products (TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, 1,1-DCA, and Vinyl Chloride), are presented in milligrams per liter (mg/L).

In general, the CVOC concentrations were below the NYSDEC-mandated SCG concentration of 1 milligram per liter (mg/L), except at monitoring well MW-4 (8.921 mg/l). It should be noted that PCE degradation CVOCs were detected in deep monitoring well MW-4, and included vinyl chloride (0.0049 ppm) and cis-1,2-Dichloroethene (0.0037 ppm).

5.0 Findings and Recommendations

5.1 IC/EC Certification

No concerns were identified during the Cover System inspection on November 14, 2013. Two previously damaged shrubs were noted to have been replaced along the Kingston Place side of the asphalt parking lot (northwest corner). No voids remained at the supposed locations of the two damaged shrubs (ground surface was level).

Recommendations: None

5.2 Groundwater Monitoring Program

Reported CVOC concentrations were below the NYSDEC-mandated SCG concentration of 1 milligram per liter (mg/L), except at monitoring well MW-4 (8.921 mg/l).

Recommendations: Continued Groundwater Monitoring is required as stipulated in the VCP agreement until the NYSDEC-mandated SCG is attained. Once attained, four (4) additional Quarters of Groundwater Monitoring will be required.

6.0 Signature of Environmental Professional

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10.

I have the specific qualifications based on education, training, and experience to undertake this Periodic Review Report of the property identified as Former Pizza Hut, 2137 Seneca Street, Buffalo, New York for the current Owner, 2137 Seneca Street, LLC.

Andrew J. Kuceserik, CPG, PG
Environmental Manager

Andrew J. Kucserik, CPG, PG
Environmental Manager
Buffalo, NY

Mr. Kucserik's professional history includes 33 years of experience as a professional geologist, manager, and currently holds the title of Environmental Manager and Senior Geologist for QISI in Buffalo, NY. Mr. Kucserik's technical responsibilities include: preparation and review of technical documents relating to environmental, geotechnical, geophysical, and groundwater investigations. Preparing technical staff for field investigations and conducting periodic field oversight for quality assurance. Review of draft technical reports for client submission. Geophysical investigations (electromagnetic, ground penetrating radar, electrical resistivity) for geotechnical and environmental projects. Geologic and environmental due diligence report preparation and oversight.

Quality Inspection Services, Inc. (QISI), Buffalo, NY
ENVIRONMENTAL MANAGER

- Responsible for scheduling and management of all Environmental due diligence activities (Phase I) projects in the Western New York area and portions of Pennsylvania. Mr. Kucserik is also responsible for providing professional services concerning Phase II Environmental Site Assessments incorporating in-house drill rigs and staff, site remediation, soil, groundwater, and soil gas vapor sampling, geophysical investigations, and oversight monitoring.
- Underground storage tank (UST) removal investigations and oversight monitoring.
- Completed over 2,000 Phase I Environmental Site Assessments.
- Completed over 200 geophysical surveys utilizing magnetometer, ground penetrating radar, seismic blast monitoring, resistivity surveys, and reflection/refraction equipment.
- Regulatory agency interfacing.
- Business development.

Lender Consulting Services, Inc., Buffalo, NY
GENERAL MANAGER – WESTERN NEW YORK REGION

- Business development
- Phase I and Phase II project coordination
- Client interfacing
- Regulatory interfacing
- Senior Environmental Professional review

Barron & Associates, P.C., Clarence, NY
ENVIRONMENTAL MANGER/SENIOR GEOLOGIST

- Phase I and Phase II project coordination
- Geophysical investigations
- Client interfacing

Professional Background
Environmental Manager

Education
B.A. in Geological Sciences
State University of New York at Buffalo

Post Graduate work in Geological Sciences
State University of New York at Buffalo

Years of Experience
33

Certifications

- **Pennsylvania Professional Geologist #PG002551G**
- **American Institute of Professional Geologists, Certified Professional Geologist #7951**
- **Buffalo Association of Professional Geologists, President 1988, V. Pres. 1987, Treasurer 1986, Board of Directors**
- **USEPA Certified Lead-Based Paint Inspector**
- **Certified GPR Operator**

EMPLOYMENT (CONTINUED)

Day Environmental Inc., Rochester, NY
SENIOR GEOLOGIST

- Phase I and Phase II project coordination
- Client interfacing

ECCO, Inc., Buffalo, NY
SENIOR GEOLOGIST

- Phase I and Phase II project coordination
- New York State Certified Asbestos Handler

Empire Soils Investigations, Inc., Hamburg, NY
SENIOR GEOLOGIST/DRILLING MANAGER/CONSTRUCTION TECHNICIAN

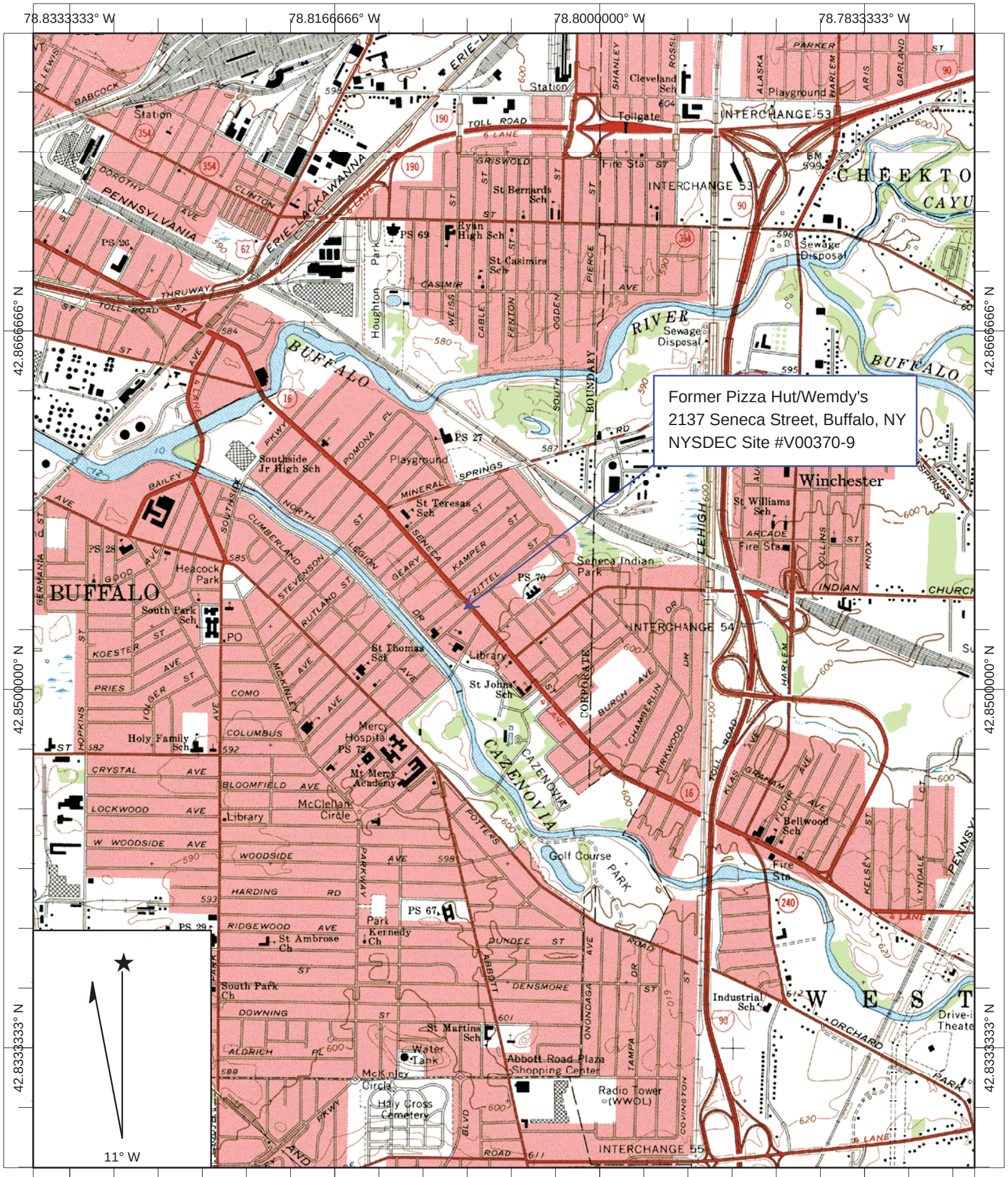
- Oversight monitoring on construction projects for concrete and soils
- Laboratory technician
- Managed and scheduled six drill crews in the Western New York area
- Geologic reports
- Assisted in-house engineering staff with geologic services

PROFESSIONAL AFFILIATIONS & TRAINING

- HAZWOPER Recertification (July 2012)
- USEPA Certified Lead-Based Paint Inspector (May 2012)
- SUNY @ Buffalo Geology Alumni Advisory Board (2010 – present)
- Radiation Worker II Safety Refresher (May 2003)
- USEPA Fractured Bedrock Symposium (February 2001)
- Wetlands Identification & Delineation (December 2000)
- Federal and State Spill Reporting Requirements (October 1997)
- ASTM Seminar, Risk-Based Corrective Action (June 1997)
- ASCE Course on Foundation Design (April 1997)
- IAH Symposium, Modern Trends in Hydrogeology (May 1992)
- Asbestos Handlers & Supervisors Course (February 1989)
- OSHA 1910.120 40-Hour Hazardous Waste Certification (December 1987)
- Site Assessment of Hazardous Waste Sites (October 1987)

APPENDICES

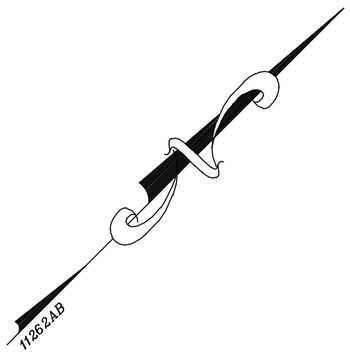
APPENDIX A – FIGURES AND TABLES



Name: BUFFALO SE

Scale: 1 inch equals 2000 feet

Location: 042.8541398° N 078.8060336° W
Caption: 2137 Seneca Street, Buffalo, NY (1965)



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

KINGSTON PLACE (40' WIDE)
(ALSO KNOWN AS KINGSTON STREET)
(⇐ ONE WAY)

SENECA STREET (66' WIDE)

S.W. CORNER OF SUBDIVISION LOT 1
Utility Pole No # Lines Go Underground
Fnd. Rebar
Concrete Walk
160.00'
105.20'
Found P.K.
54.80'
Fence 0.13 NE.
8.95'
Conc.
7.77'
Sign
Conc.
Sign
Storm D.I. Rim 589.55 8" HDPE NE. 587.58
9'
Conc. Walk 0.32 SW.
70.64'
5.09 NE.
Gas Meter
Monitoring Wells (Typical)
Cov. Frame Porch
Driveway
Blacktop
59.88'
16.27'
PARCEL "B"
Concrete Walk
PARALLEL WITH SENECA ST.
59.88'
PARCEL "A"
59.88'
9' (Typ.)
S.W. LINE OF SUBDIVISION LOT 1
FRAME HOUSE
182.67'
9'
18'
36'
18'
3'
105.20'
54.80'
S.E. CORNER OF SUBDIVISION LOT 1
S.E. LINE OF SUBDIVISION LOT 1 & PARALLEL WITH KINGSTON PL.
160.00'
90° D.
91° M.
16.35'
130.10'
Sign
Ramp
7' Sliding Door Top Of Sill Elev. 592.45
1 STORY CONC. BLOCK BUILDING NO. 2137
14 Spaces
12 Spaces (2 Handicap)
129.95'
Bldg. 1.66 S.W.
FRAME GARAGE
Bottom of Sign 605.04
Top of Sign 609.58
179.88'
Utility Pole NM 2147 R NYT 147 R Lines Go Underground
60' D. 62.79' Ms.
PARCEL "C"
Storm D.I. Rim 590.92 8" HDPE NE. 588.94
60.00'
Concrete Walk
Overhead Service
Bldg. 0.26 S.W.
PARALLEL WITH SENECA ST.
Electric Meter
160.00' D.
159.98' Ms.
90°
4" Vent & Clean-Out
5.13 NE.
70.60'
Sign
CONCRETE BLOCK BUILDING
Bollards (Typical)
60.00'
Concrete
PARCEL "D"
Storm D.I. Rim 591.39 10" HDPE NE. 589.39 6" HDPE NW. 589.49
8' Wall Wood Fence
36'
Blacktop Parking
Storm D.I. Rim 591.08 10" HDPE W. 589.08
36.99'
Concrete Walk
109.92'
24'
4 Spaces (Parallel Parking)
Electric Meter
Bldg. 0.25 S.W.
11.1'
11.1'
90°
Found I. Pipe
Utility Pole NYT 2157 R Lines Go Underground
Blacktop 0.21 SE.
160.00' D.
159.98' Ms.
23.20'
12.1'
Blacktop
13.70'
12.1'
Found P.K.
Conc. Walk On Line
109.92'
BRICK BUILDING
43.68'
DRIVEWAY EASEMENT AS PER LIBER 7783 DEEDS PAGE 545
EAST LINE OF LOT 52

LEGEND

⌀	UTILITY / SERVICE POLE	R.O.W.	RIGHT OF WAY
WV	WATER LINE VALVE	CONC.	CONCRETE
	FIRE HYDRANT	INV.	INVERT
D	D.I. (DROP INLET – STORM)	M.H.	MANHOLE
Ⓓ	MANHOLE (STORM)	—G—	GAS LINE
Ⓔ	MANHOLE (ELECTRIC)	—W—	WATER LINE
Ⓣ	MANHOLE (TRAFFIC)	—T—	TELEPHONE LINE
Ⓢ	MANHOLE (SANITARY)	—E—	ELECTRIC LINE
	LDR (LIGHT DUTY RECEIVER – STORM)	—P—	UTILITY LINES
	BYD (BACKYARD DRAIN INLET – STORM)	—C—	CABLE LINES
GV	GAS LINE VALVE	D.	DEED
	LIGHT STANDARD	M.	MEASURED
—o—	SIGN	L.	LIBER
H.C.	HANDICAP	P.	PAGE

NOTE:
BUILDING OFFSETS & SETBACKS
MEASURED TO FOUNDATIONS

INSTRUMENT(S) UTILIZED IN DETERMINING LOCATION OF BOUNDARY LINES: LIBER 9439 PAGE 654
THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED IN SAID ABSTRACT.
NOTE: PROPERTY CORNER MONUMENTS WERE NOT PLACED AS PART OF THIS SURVEY.

THIS SURVEY MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT STANDARDS FOR LAND SURVEYS ADOPTED BY THE BAR ASSOCIATION OF ERIE COUNTY AT THE REQUEST OF Creative Structures Services

FRANCIS C. DELLES NYSPLS No. 050477

Millard, MacKay & Delles
LAND SURVEYORS, LLP
150 AERO DRIVE
BUFFALO, NEW YORK 14225
PHONE (716) 631-5140 ~ FAX 631-3811

AMEND:
SURVEY DATE: 3-14-12
©DRAWING DATE: 3-16-12
SCALE: 1" = 20'
"ALL RIGHTS RESERVED"

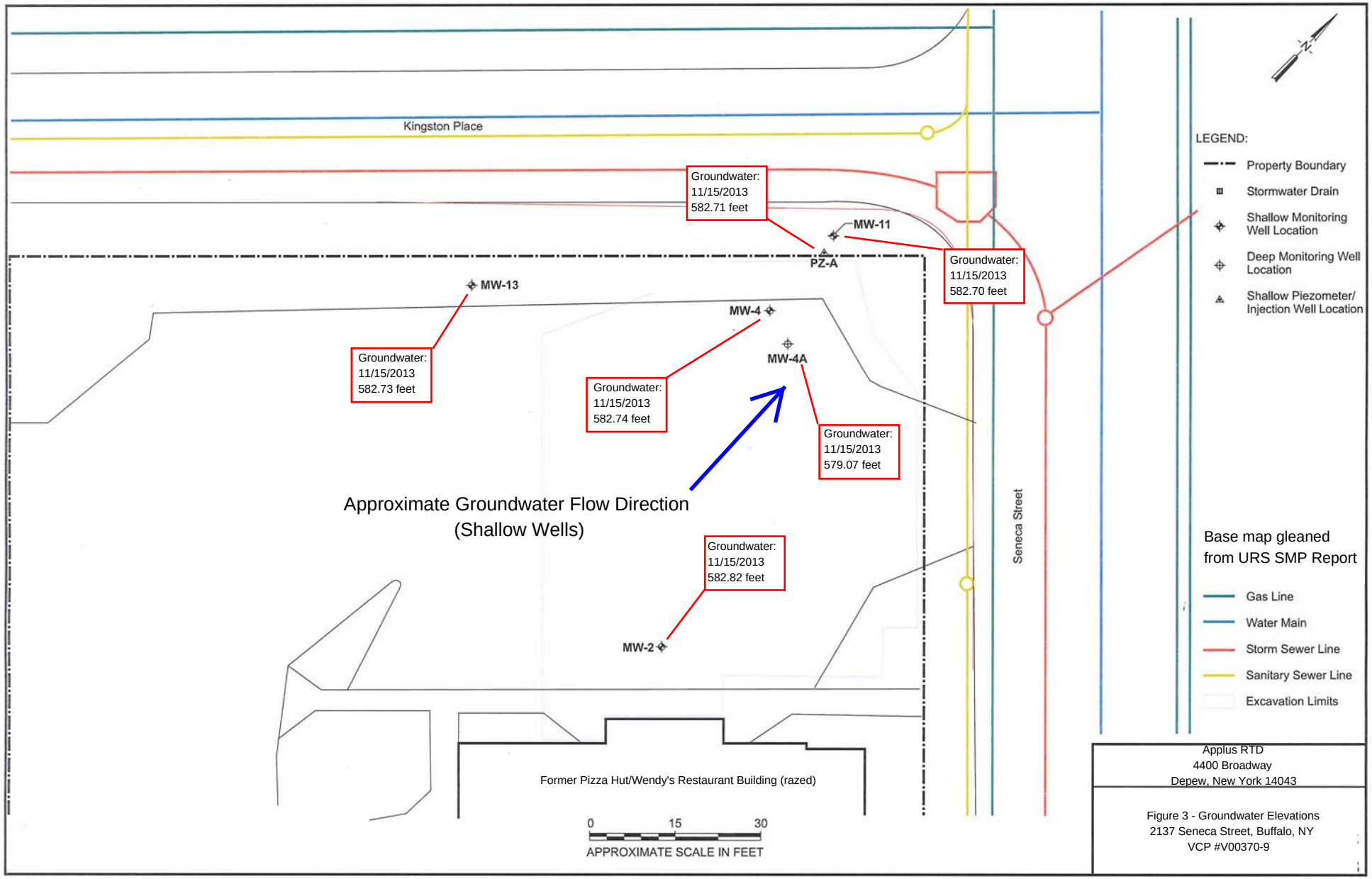
THIS MAP VOID UNLESS EMBOSSED WITH NEW YORK STATE LICENSED LAND SURVEYOR'S SEAL. ALTERING ANY ITEM ON THIS MAP IS A VIOLATION OF THE LAW EXCEPT AS PROVIDED IN SECTION 7209, PART 2, OF THE NEW YORK STATE EDUCATION LAW.

FINAL AS-BUILT SURVEY

PART OF LOT 52 SECTION ____ TOWNSHIP 10 RANGE 7 OF THE: Buffalo Creek Reservation SURVEY – Erie COUNTY, N.Y.

SURVEY OF: 2137 Seneca Street, City of Buffalo

SBL No. 133.26-7-1.1


Kingston Place
Groundwater:
11/15/2013
582.71 feet
MW-11
PZ-A
Groundwater:
11/15/2013
582.70 feet
MW-13
MW-4
MW-4A
Groundwater:
11/15/2013
582.73 feet
Groundwater:
11/15/2013
582.74 feet
Groundwater:
11/15/2013
579.07 feet
Approximate Groundwater Flow Direction
(Shallow Wells)
Groundwater:
11/15/2013
582.82 feet
MW-2
Seneca Street
Former Pizza Hut/Wendy's Restaurant Building (razed)
0
15
30
APPROXIMATE SCALE IN FEET
LEGEND:
Property Boundary
Stormwater Drain
Shallow Monitoring Well Location
Deep Monitoring Well Location
Shallow Piezometer/ Injection Well Location
Base map gleaned from URS SMP Report
Gas Line
Water Main
Storm Sewer Line
Sanitary Sewer Line
Excavation Limits
Applus RTD
4400 Broadway
Depew, New York 14043
Figure 3 - Groundwater Elevations
2137 Seneca Street, Buffalo, NY
VCP #V00370-9

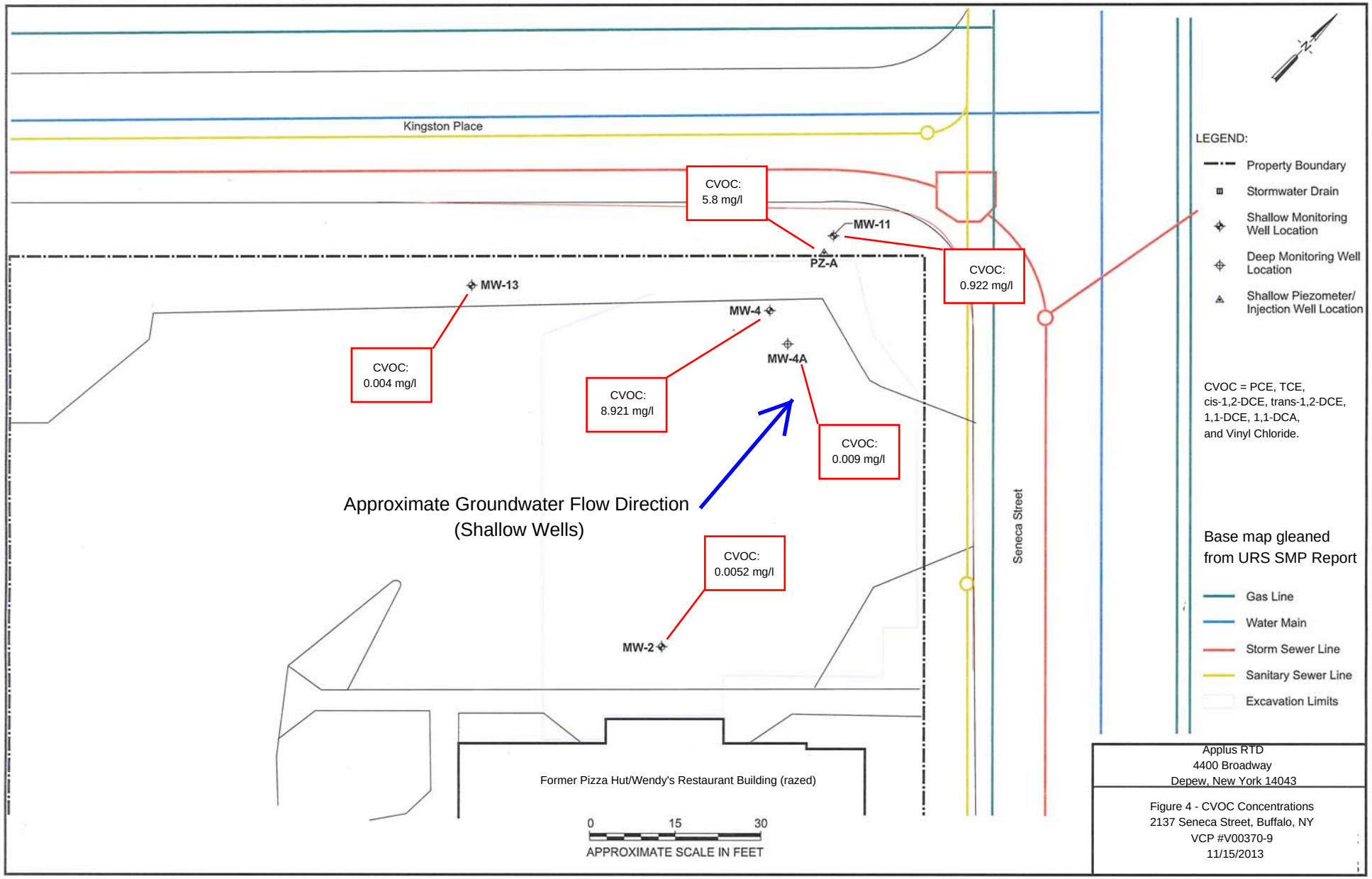

Kingston Place
CVOC:
5.8 mg/l
MW-11
PZ-A
CVOC:
0.922 mg/l
MW-13
MW-4
MW-4A
CVOC:
0.004 mg/l
CVOC:
8.921 mg/l
CVOC:
0.009 mg/l
Approximate Groundwater Flow Direction
(Shallow Wells)
CVOC:
0.0052 mg/l
MW-2
Seneca Street
Former Pizza Hut/Wendy's Restaurant Building (razed)
0
15
30
APPROXIMATE SCALE IN FEET
LEGEND:
Property Boundary
Stormwater Drain
Shallow Monitoring Well Location
Deep Monitoring Well Location
Shallow Piezometer/ Injection Well Location
CVOC = PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, 1,1-DCA, and Vinyl Chloride.
Base map gleaned from URS SMP Report
Gas Line
Water Main
Storm Sewer Line
Sanitary Sewer Line
Excavation Limits
Applus RTD
4400 Broadway
Depew, New York 14043
Figure 4 - CVOC Concentrations
2137 Seneca Street, Buffalo, NY
VCP #V00370-9
11/15/2013

TABLE 1
GROUNDWATER ELEVATIONS
2137 SENECA STREET
BUFFALO, NEW YORK

Well No.	Top of Casing (feet)	1/10/2005 Groundwater Elevation (feet)	5/25/2005 Groundwater Elevation (feet)	1/6/2006 Groundwater Elevation (feet)	6/7/2006 Groundwater Elevation (feet)	3/20/2007 Groundwater Elevation (feet)	12/5/2007 Groundwater Elevation (feet)	7/1/2008 Groundwater Elevation (feet)	3/18/2009 Groundwater Elevation (feet)	6/4/2009 Groundwater Elevation (feet)	2/11/2010 Groundwater Elevation (feet)	6/23/2010 Groundwater Elevation (feet)	4/19/2013 Groundwater Elevation (feet)	11/15/2013 Groundwater Elevation (feet)
Shallow Wells														
MW-2	590.24	583.41	581.82	583.30	581.79	582.91	582.82	583.25	583.26	582.30	581.93	582.53	583.12	582.82
MW-4	589.47	583.26	581.72	583.14	581.67	582.83	582.78	583.15	583.12	583.13	581.92	582.47	583.04	582.74
MW-11	589.48	583.07	581.60	582.89	581.58	582.60	582.72	583.09	582.95	582.06	581.82	582.43	582.96	582.70
MW-13	589.77	583.37	581.72	583.25	581.68	582.85	582.76	583.23	582.52	582.08	581.86	582.45	583.04	582.73
PZ-A	589.86	NA	NA	NA	581.66	582.81	582.49	582.01	582.78	581.85	581.55	582.38	582.98	582.71
Deep Well														
MW-4A	589.04	579.35	578.42	578.55	578.74	579.28	578.96	578.98	579.30	578.62	578.89	578.90	579.12	579.07

TABLE 2

ANALYTICAL RESULTS SUMMARY - 2013

2137 SENECA STREET

BUFFALO, NEW YORK

Parameters (mg/L)	MW-2		MW-4		MW-11		MW-13		PZ-A		MW-4A	
	4/26	11/14	6/28	11/14	6/28	11/14	6/28	11/14	6/28	11/14	6/28	11/14
TCL Volatile Organics												
Acetone	-	-	-	-	-	0.0014	-	-	0.0014	-	0.0094	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	-	-	-	-	-	-	-	-	-	-	0.0015	-
1,1-Dichloroethene	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00
Cyclohexane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	0.00000	0.00000	0.00000	0.0092	0.00000	0.00061	0.00000	0.00000	0.00	0.00	0.00	0.00
cis-1,2-Dichloroethene	0.00000	0.00360	4.1000	6.2000	0.24	0.41	0.080	0.0026	0.00	2.9	0.00	0.0037
trans-1, 2-Dichloroethene	0.00000	0.00000	0.00000	0.00000	0.00000	0.00079	0.0010	0.0000	0.00	0.00	0.00	0.00
Methyl-t-Butyl Ether (MTBE)	-	-	-	-	-	-	0.0000	0.0022	0.00	0.00	0.00	0.00
Methylcyclohexane	-	-	-	-	-	-	0.0000	0.0000	0.00	0.00	0.00	0.00
Tetrachloroethene	0.00083	0.00032	0.0000	0.0000	0.0000	0.0000	0.00051	0.00	0.00	0.00	0.00	0.00
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	0.00370	0.00049	0.0000	0.0120	0.0000	0.00018	0.0014	0.00	0.00	0.00	0.00	0.00
Vinyl Chloride	0.02700	0.00076	1.300	2.700	0.330	0.510	0.0450	0.0014	0.0017	2.9	0.00	0.0049
Ethane, Ethene, and Methane												
Ethane	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-
Cumulative CVOC Concentration	0.0315	0.0052	***5.400***	***8.921***	0.570	0.922	0.128	0.0040	0.0017	***5.8***	0.000	0.009

Sample results collected in April 2013 were collected and submitted for analysis by Applus RTD/QISI

Samples collected on November 14, 2013 were analyzed by Alpha Analytical

NM= Not Measure; NA= Not Analyzed

J= Estimated concentration below reporting limit

D= Diluted sample

Note: CVOCs are the sum of PCE and its potential breakdown products (TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, 1,1-DCA, and Vinyl Chloride)

APPENDIX B – IC/EC CERTIFICATIONS

APPENDIX B-1 – OWNER CERTIFICATION

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. V00370

Site Name Former Pizza Hut

Site Address: 2137 Seneca Street Zip Code: 14210
City/Town: Buffalo
County: Erie
Site Acreage: 0.7

Reporting Period: January 29, 2013 to January 29, 2014

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

Box 2

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

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

3-18-14
Date

SITE NO. V00370

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
133.26-07-1.1	2137 Seneca Street, LLC	Monitoring Plan Ground Water Use Restriction Landuse Restriction Site Management Plan

The Declaration of Covenants and Restrictions prohibits the site from being used for anything other than industrial or commercial purposes, excluding day care, child care and medical care uses.The use of the groundwater underlying the site is also prohibit without proper treatment.

The Site Management Plan includes provisions for continued groundwater monitoring, inspection of the existing site cover, disposition of excavated soils and evaluating the potential for intrusive soil vapors if the building on site is ever reoccupied or another building constructed in its place.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
133.26-07-1.1	Cover System

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

3-18-14
Date

IC CERTIFICATIONS
SITE NO. V00370

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 DAVID E. PAULIN at 1659 Amherst Steed, Bflo, NY 14214
print name print business address

am certifying as MANAGING PARTNER (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

3-18-14
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer 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 Donald Borkowski at Applied RTD-USA 4400 Broadway Depew NY 14043,
print name print business address

am certifying as a Professional Engineer for the _____
(Owner or Remedial Party)

STATE OF NEW YORK
DONALD E. BORKOWSKI
No. 61830
LICENSED PROFESSIONAL ENGINEER

19 May 2014

Donald E Borkowski P.E.
Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

Date

61830

APPENDIX B-2 – SITE INSPECTION FORMS

INSPECTION FORM
COVER SYSTEM

Inspector's Name: Andrew J. Kuczenski

Date and Time of Inspection: 11/14/2013, 1:00PM

Date of Last Inspection: 2/1/2013

Purpose for Inspection: Annual/Periodic: ✓

Post-excavation or surface repair: _____

After significant weather events: _____

Observed damage requiring inspection / Other: _____

INSPECTION CHECKLIST

1. **Vegetative cover along Kingston Place**
   Walk the length of the vegetative cover.

		Comments
• Are there any bare spots in the vegetation cover?	__ Yes ✓ No	
• Are there any signs of damaged or diseased vegetation?	__ Yes ✓ No	
• Are there any signs of excessive erosion?	__ Yes ✓ No	
• Is there new root exposure or new woody plants established?	__ Yes ✓ No	
• Are there any signs of burrowing animals?	__ Yes ✓ No	
• Any other Observations?		

2. **Sidewalk along Kingston Place and Seneca Street, walkways around building, Asphalt pavement associated with parking lot and access way to road**
   Walk the length of the sidewalks.

		Comments
• Are there any cracks greater than ½-inch apart?	__ Yes ✓ No	
• Are there any signs of raised pavement associated with plant roots or subsurface subsidence?	__ Yes ✓ No	
• Are there any signs of extensive deterioration of pavement?	__ Yes ✓ No	
• Any other Observations?		

3. Remedial Action Required: NO

4. Inspector's Signature: Andrew J. Kuczenski

RETURN COMPLETED FORM TO PROPERTY OWNER REPRESENTATIVE

SITE-WIDE INSPECTION FORM

Inspector's Name Andrew J. Kucserik

Date and Time of Inspection 11/14/2013

Date of Last Inspection 2/1/2013

Purpose for Inspection: Annual/Periodic: ✓
Changes to Site Use: _____
Property Owner Transfer: _____
Changes in Site Condition / Other: _____

SITE OWNERSHIP AND USE

1. **Site Owner:** 2137 Seneca Street LLC New Owner since last inspection? __ Yes ✓ No
2. **Name of Establishment:** Dollar General
3. **Current Site Use:** ✓ Commercial __ Industrial __ Unoccupied __ Other: _____
4. Are there any tenants residing on Site? __ Yes* ✓ No
5. Does the Site Use include a day care, child care, or medical Care facility? __ Yes* ✓ No
6. Does the Site Use include a vegetable garden? __ Yes* ✓ No
7. Does the Site utilize on Site groundwater for irrigation, potable use, or other use? __ Yes* ✓ No
8. Has the soil cover been compromised such that contamination has been encountered? __ Yes* ✓ No

" * ": Any conditions associated with an asterisk require review of the VCA and Declaration of Covenants and Restrictions (Appendix A and B of the SMP) and potential notification to NYSDEC to verify that this use is currently appropriate for the Site.

MEDIA MONITORING STATUS

1. **Has a soil cover inspection been conducted since the last site-wide inspection?** ✓ Yes __ No
   Inspection Date: 11/14/2013 (Please attach copy(s) of inspection form)
2. **Has groundwater monitoring performed since the past inspection?** ✓ Yes __ No
   Monitoring Dates: 11/15/2013 _____ _____ _____
3. Remedial Action Required No
4. Inspector's Signature Andrew J. Kucserik

RETURN COMPLETED FORM TO PROPERTY OWNER REPRESENTATIVE AND NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC)

APPENDIX C – ANALYTICAL DATA

ANALYTICAL REPORT

Lab Number:	L1323363
Client:	Quality Inspection Services Inc. 37 Franklin Street Suite 400 Buffalo, NY 14202
ATTN:	Andrew Kucserik
Phone:	(716) 853-2611
Project Name:	DOLLAR GENERAL
Project Number:	ENV-13-CSS
Report Date:	11/24/13

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1323363-01	MW-2	2137 SENECA ST	11/15/13 11:52
L1323363-02	MW-4	2137 SENECA ST	11/15/13 13:01
L1323363-03	MW-4A	2137 SENECA ST	11/15/13 14:10
L1323363-04	MW-11	2137 SENECA ST	11/15/13 12:24
L1323363-05	MW-13	2137 SENECA ST	11/15/13 12:11
L1323363-06	PZ-A	2137 SENECA ST	11/15/13 12:47
L1323363-07	DUPLICATE	2137 SENECA ST	11/15/13 12:35
L1323363-08	TRIP	2137 SENECA ST	11/15/13 00:00

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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:	DOLLAR GENERAL	**Lab Number:**	L1323363
Project Number:	ENV-13-CSS	**Report Date:**	11/24/13

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: Cynthia McQueen

Title: Technical Director/Representative Date: 11/24/13

ORGANICS

VOLATILES

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS
Lab Number: L1323363
Report Date: 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-01
Client ID: MW-2
Sample Location: 2137 SENECA ST
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/22/13 14:30
Analyst: PD

Date Collected: 11/15/13 11:52
Date Received: 11/15/13
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	3.2		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
1,1-Dichloropropene	ND		ug/l	2.5	0.70	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	0.76	J	ug/l	1.0	0.33	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	0.49	J	ug/l	0.50	0.17	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: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-01 Date Collected: 11/15/13 11:52

Client ID: MW-2 Date Received: 11/15/13

Sample Location: 2137 SENECA ST 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	3.6		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	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	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	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
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	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
Naphthalene	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
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-01 Date Collected: 11/15/13 11:52

Client ID: MW-2 Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS
Lab Number: L1323363
Report Date: 11/24/13

SAMPLE RESULTS

Lab ID:	L1323363-02	D2	Date Collected:	11/15/13 13:01
Client ID:	MW-4		Date Received:	11/15/13
Sample Location:	2137 SENECA ST		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	1,8260C			
Analytical Date:	11/23/13 19:39			
Analyst:	PD			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	1900		ug/l	200	66.	200
cis-1,2-Dichloroethene	4300		ug/l	500	140	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-02 D
Client ID: MW-4
Sample Location: 2137 SENECA ST
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/22/13 14:59
Analyst: PD

Date Collected: 11/15/13 13:01
Date Received: 11/15/13
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
1,1-Dichloropropene	ND		ug/l	62	18.	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	2700	E	ug/l	25	8.2	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	9.2	J	ug/l	12	3.5	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25
Trichloroethene	12		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: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-02 D Date Collected: 11/15/13 13:01

Client ID: MW-4 Date Received: 11/15/13

Sample Location: 2137 SENECA ST 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	6200	E	ug/l	62	18.	25
Dibromomethane	ND		ug/l	120	25.	25
1,2,3-Trichloropropane	ND		ug/l	62	18.	25
Acrylonitrile	ND		ug/l	120	38.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	25.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	25.	25
Vinyl acetate	ND		ug/l	120	25.	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
2,2-Dichloropropane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,3-Dichloropropane	ND		ug/l	62	18.	25
1,1,1,2-Tetrachloroethane	ND		ug/l	62	18.	25
Bromobenzene	ND		ug/l	62	18.	25
n-Butylbenzene	ND		ug/l	62	18.	25
sec-Butylbenzene	ND		ug/l	62	18.	25
tert-Butylbenzene	ND		ug/l	62	18.	25
o-Chlorotoluene	ND		ug/l	62	18.	25
p-Chlorotoluene	ND		ug/l	62	18.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Hexachlorobutadiene	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
p-Isopropyltoluene	ND		ug/l	62	18.	25
Naphthalene	ND		ug/l	62	18.	25
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND		ug/l	62	18.	25
1,2,4-Trimethylbenzene	ND		ug/l	62	18.	25
1,4-Dioxane	ND		ug/l	6200	1000	25
1,4-Diethylbenzene	ND		ug/l	50	18.	25
4-Ethyltoluene	ND		ug/l	50	18.	25

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-02 D Date Collected: 11/15/13 13:01

Client ID: MW-4 Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	50	16.	25
Ethyl ether	ND		ug/l	62	18.	25
trans-1,4-Dichloro-2-butene	ND		ug/l	62	18.	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	106		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS
Lab Number: L1323363
Report Date: 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-03
Client ID: MW-4A
Sample Location: 2137 SENECA ST
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/22/13 15:27
Analyst: PD

Date Collected: 11/15/13 14:10
Date Received: 11/15/13
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
1,1-Dichloropropene	ND		ug/l	2.5	0.70	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	4.9		ug/l	1.0	0.33	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	ND		ug/l	0.50	0.17	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: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-03 Date Collected: 11/15/13 14:10

Client ID: MW-4A Date Received: 11/15/13

Sample Location: 2137 SENECA ST 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	3.7		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	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	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	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
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	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
Naphthalene	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
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-03 Date Collected: 11/15/13 14:10

Client ID: MW-4A Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	108		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-04
Client ID: MW-11
Sample Location: 2137 SENECA ST
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/22/13 11:45
Analyst: PD

Date Collected: 11/15/13 12:24
Date Received: 11/15/13
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
1,1-Dichloropropene	ND		ug/l	2.5	0.70	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	510	E	ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.61		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	0.79	J	ug/l	2.5	0.70	1
Trichloroethene	0.18	J	ug/l	0.50	0.17	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: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-04 Date Collected: 11/15/13 12:24

Client ID: MW-11 Date Received: 11/15/13

Sample Location: 2137 SENECA ST 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	410	E	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.4	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	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
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	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
Naphthalene	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
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-04 Date Collected: 11/15/13 12:24

Client ID: MW-11 Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	109		70-130

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID:	L1323363-04	D	Date Collected:	11/15/13 12:24
Client ID:	MW-11		Date Received:	11/15/13
Sample Location:	2137 SENECA ST		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	1,8260C			
Analytical Date:	11/22/13 14:47			
Analyst:	PD			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	520		ug/l	10	3.3	10
cis-1,2-Dichloroethene	400		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	113		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS
Lab Number: L1323363
Report Date: 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-05
Client ID: MW-13
Sample Location: 2137 SENECA ST
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/22/13 12:22
Analyst: PD

Date Collected: 11/15/13 12:11
Date Received: 11/15/13
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
1,1-Dichloropropene	ND		ug/l	2.5	0.70	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	1.4		ug/l	1.0	0.33	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	ND		ug/l	0.50	0.17	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: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-05 Date Collected: 11/15/13 12:11

Client ID: MW-13 Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	2.2	J	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	2.6		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	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	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	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
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	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
Naphthalene	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
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-05 Date Collected: 11/15/13 12:11

Client ID: MW-13 Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	109		70-130

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID:	L1323363-06	D	Date Collected:	11/15/13 12:47
Client ID:	PZ-A		Date Received:	11/15/13
Sample Location:	2137 SENECA ST		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	1,8260C			
Analytical Date:	11/22/13 14:11			
Analyst:	PD			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	100	28.	40
1,1-Dichloroethane	ND		ug/l	100	28.	40
Chloroform	ND		ug/l	100	28.	40
Carbon tetrachloride	ND		ug/l	20	5.4	40
1,2-Dichloropropane	ND		ug/l	40	5.3	40
Dibromochloromethane	ND		ug/l	20	6.0	40
1,1,2-Trichloroethane	ND		ug/l	60	20.	40
Tetrachloroethene	ND		ug/l	20	7.2	40
Chlorobenzene	ND		ug/l	100	28.	40
Trichlorofluoromethane	ND		ug/l	100	28.	40
1,2-Dichloroethane	ND		ug/l	20	5.3	40
1,1,1-Trichloroethane	ND		ug/l	100	28.	40
Bromodichloromethane	ND		ug/l	20	7.7	40
trans-1,3-Dichloropropene	ND		ug/l	20	6.6	40
cis-1,3-Dichloropropene	ND		ug/l	20	5.7	40
1,1-Dichloropropene	ND		ug/l	100	28.	40
Bromoform	ND		ug/l	80	26.	40
1,1,2,2-Tetrachloroethane	ND		ug/l	20	5.7	40
Benzene	ND		ug/l	20	6.3	40
Toluene	ND		ug/l	100	28.	40
Ethylbenzene	ND		ug/l	100	28.	40
Chloromethane	ND		ug/l	100	28.	40
Bromomethane	ND		ug/l	100	28.	40
Vinyl chloride	2900		ug/l	40	13.	40
Chloroethane	ND		ug/l	100	28.	40
1,1-Dichloroethene	ND		ug/l	20	5.7	40
trans-1,2-Dichloroethene	ND		ug/l	100	28.	40
Trichloroethene	ND		ug/l	20	7.0	40
1,2-Dichlorobenzene	ND		ug/l	100	28.	40
1,3-Dichlorobenzene	ND		ug/l	100	28.	40
1,4-Dichlorobenzene	ND		ug/l	100	28.	40

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-06 D Date Collected: 11/15/13 12:47

Client ID: PZ-A Date Received: 11/15/13

Sample Location: 2137 SENECA ST 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	100	28.	40
p/m-Xylene	ND		ug/l	100	28.	40
o-Xylene	ND		ug/l	100	28.	40
cis-1,2-Dichloroethene	2900		ug/l	100	28.	40
Dibromomethane	ND		ug/l	200	40.	40
1,2,3-Trichloropropane	ND		ug/l	100	28.	40
Acrylonitrile	ND		ug/l	200	60.	40
Styrene	ND		ug/l	100	28.	40
Dichlorodifluoromethane	ND		ug/l	200	40.	40
Acetone	ND		ug/l	200	40.	40
Carbon disulfide	ND		ug/l	200	40.	40
2-Butanone	ND		ug/l	200	40.	40
Vinyl acetate	ND		ug/l	200	40.	40
4-Methyl-2-pentanone	ND		ug/l	200	40.	40
2-Hexanone	ND		ug/l	200	40.	40
Bromochloromethane	ND		ug/l	100	28.	40
2,2-Dichloropropane	ND		ug/l	100	28.	40
1,2-Dibromoethane	ND		ug/l	80	26.	40
1,3-Dichloropropane	ND		ug/l	100	28.	40
1,1,1,2-Tetrachloroethane	ND		ug/l	100	28.	40
Bromobenzene	ND		ug/l	100	28.	40
n-Butylbenzene	ND		ug/l	100	28.	40
sec-Butylbenzene	ND		ug/l	100	28.	40
tert-Butylbenzene	ND		ug/l	100	28.	40
o-Chlorotoluene	ND		ug/l	100	28.	40
p-Chlorotoluene	ND		ug/l	100	28.	40
1,2-Dibromo-3-chloropropane	ND		ug/l	100	28.	40
Hexachlorobutadiene	ND		ug/l	100	28.	40
Isopropylbenzene	ND		ug/l	100	28.	40
p-Isopropyltoluene	ND		ug/l	100	28.	40
Naphthalene	ND		ug/l	100	28.	40
n-Propylbenzene	ND		ug/l	100	28.	40
1,2,3-Trichlorobenzene	ND		ug/l	100	28.	40
1,2,4-Trichlorobenzene	ND		ug/l	100	28.	40
1,3,5-Trimethylbenzene	ND		ug/l	100	28.	40
1,2,4-Trimethylbenzene	ND		ug/l	100	28.	40
1,4-Dioxane	ND		ug/l	10000	1600	40
1,4-Diethylbenzene	ND		ug/l	80	28.	40
4-Ethyltoluene	ND		ug/l	80	28.	40

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-06 D Date Collected: 11/15/13 12:47

Client ID: PZ-A Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	80	26.	40
Ethyl ether	ND		ug/l	100	28.	40
trans-1,4-Dichloro-2-butene	ND		ug/l	100	28.	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	111		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS
Lab Number: L1323363
Report Date: 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-07
Client ID: DUPLICATE
Sample Location: 2137 SENECA ST
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/22/13 12:58
Analyst: PD

Date Collected: 11/15/13 12:35
Date Received: 11/15/13
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
1,1-Dichloropropene	ND		ug/l	2.5	0.70	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	1.5		ug/l	1.0	0.33	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	ND		ug/l	0.50	0.17	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: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-07 Date Collected: 11/15/13 12:35

Client ID: DUPLICATE Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	2.2	J	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	2.3	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	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	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	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
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	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
Naphthalene	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
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-07 Date Collected: 11/15/13 12:35

Client ID: DUPLICATE Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	108		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS
Lab Number: L1323363
Report Date: 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-08
Client ID: TRIP
Sample Location: 2137 SENECA ST
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/22/13 13:35
Analyst: PD

Date Collected: 11/15/13 00:00
Date Received: 11/15/13
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
1,1-Dichloropropene	ND		ug/l	2.5	0.70	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	0.33	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	ND		ug/l	0.50	0.17	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: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-08 Date Collected: 11/15/13 00:00

Client ID: TRIP Date Received: 11/15/13

Sample Location: 2137 SENECA ST 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
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	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	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	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
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	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
Naphthalene	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
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: DOLLAR GENERAL **Lab Number:** L1323363

Project Number: ENV-13-CSS **Report Date:** 11/24/13

SAMPLE RESULTS

Lab ID: L1323363-08 Date Collected: 11/15/13 00:00

Client ID: TRIP Date Received: 11/15/13

Sample Location: 2137 SENECA ST Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	107		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/22/13 11:11
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG653892-3					
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
1,1-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	0.33
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	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/22/13 11:11
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG653892-3					
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
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	1.2
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
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
Acrolein	ND		ug/l	5.0	0.63
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
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

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/22/13 11:11
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG653892-3					
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	0.24
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
Methyl cyclohexane	ND		ug/l	10	0.29

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/22/13 11:11
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG653892-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/23/13 18:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG653892-6					
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
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	0.33
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	0.17
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

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/23/13 18:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG653892-6					
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
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
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
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
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

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/23/13 18:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG653892-6					
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
1,4-Dioxane	ND		ug/l	250	41.
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
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/22/13 11:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-08 Batch: WG653935-3					
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
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
1,1-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	0.33
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	0.17
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

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/22/13 11:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-08 Batch: WG653935-3					
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
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
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
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
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

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/22/13 11:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-08 Batch: WG653935-3					
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
1,4-Dioxane	ND		ug/l	250	41.
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
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DOLLAR GENERAL

Project Number: ENV-13-CSS

Lab Number: L1323363

Report Date: 11/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG653892-1 WG653892-2								
Methylene chloride	79		78		70-130	1		20
1,1-Dichloroethane	87		83		70-130	5		20
Chloroform	87		85		70-130	2		20
2-Chloroethylvinyl ether	87		84		70-130	4		20
Carbon tetrachloride	88		83		63-132	6		20
1,2-Dichloropropane	86		84		70-130	2		20
Dibromochloromethane	90		88		63-130	2		20
1,1,2-Trichloroethane	93		92		70-130	1		20
Tetrachloroethene	89		85		70-130	5		20
Chlorobenzene	89		86		75-130	3		20
Trichlorofluoromethane	86		82		62-150	5		20
1,2-Dichloroethane	91		89		70-130	2		20
1,1,1-Trichloroethane	89		85		67-130	5		20
Bromodichloromethane	88		84		67-130	5		20
trans-1,3-Dichloropropene	92		92		70-130	0		20
cis-1,3-Dichloropropene	86		84		70-130	2		20
1,1-Dichloropropene	86		81		70-130	6		20
Bromoform	93		96		54-136	3		20
1,1,2,2-Tetrachloroethane	98		99		67-130	1		20
Benzene	83		81		70-130	2		20
Toluene	89		85		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DOLLAR GENERAL

Project Number: ENV-13-CSS

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Report Date: 11/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG653892-1 WG653892-2								
Ethylbenzene	90		86		70-130	5		20
Chloromethane	89		87		64-130	2		20
Bromomethane	128		115		39-139	11		20
Vinyl chloride	82		81		55-140	1		20
Chloroethane	86		81		55-138	6		20
1,1-Dichloroethene	83		79		61-145	5		20
trans-1,2-Dichloroethene	84		82		70-130	2		20
Trichloroethene	89		84		70-130	6		20
1,2-Dichlorobenzene	94		91		70-130	3		20
1,3-Dichlorobenzene	93		90		70-130	3		20
1,4-Dichlorobenzene	92		89		70-130	3		20
Methyl tert butyl ether	88		87		63-130	1		20
p/m-Xylene	89		86		70-130	3		20
o-Xylene	88		86		70-130	2		20
cis-1,2-Dichloroethene	85		83		70-130	2		20
Dibromomethane	92		88		70-130	4		20
1,2,3-Trichloropropane	95		98		64-130	3		20
Acrylonitrile	99		98		70-130	1		20
Isopropyl Ether	88		84		70-130	5		20
tert-Butyl Alcohol	**131**	Q	**131**	Q	70-130	0		20
Styrene	90		86		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DOLLAR GENERAL

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG653892-1 WG653892-2								
Dichlorodifluoromethane	76		73		36-147	4		20
Acetone	98		86		58-148	13		20
Carbon disulfide	84		83		51-130	1		20
2-Butanone	86		88		63-138	2		20
Vinyl acetate	95		95		70-130	0		20
4-Methyl-2-pentanone	86		91		59-130	6		20
2-Hexanone	86		88		57-130	2		20
Acrolein	100		95		40-160	5		20
Bromochloromethane	87		86		70-130	1		20
2,2-Dichloropropane	95		91		63-133	4		20
1,2-Dibromoethane	94		94		70-130	0		20
1,3-Dichloropropane	93		91		70-130	2		20
1,1,1,2-Tetrachloroethane	92		89		64-130	3		20
Bromobenzene	92		91		70-130	1		20
n-Butylbenzene	96		94		53-136	2		20
sec-Butylbenzene	93		89		70-130	4		20
tert-Butylbenzene	89		88		70-130	1		20
o-Chlorotoluene	94		93		70-130	1		20
p-Chlorotoluene	95		92		70-130	3		20
1,2-Dibromo-3-chloropropane	102		103		41-144	1		20
Hexachlorobutadiene	90		87		63-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG653892-1 WG653892-2								
Isopropylbenzene	91		88		70-130	3		20
p-Isopropyltoluene	91		88		70-130	3		20
Naphthalene	87		90		70-130	3		20
n-Propylbenzene	93		90		69-130	3		20
1,2,3-Trichlorobenzene	88		88		70-130	0		20
1,2,4-Trichlorobenzene	88		85		70-130	3		20
1,3,5-Trimethylbenzene	93		92		64-130	1		20
1,2,4-Trimethylbenzene	94		91		70-130	3		20
Methyl Acetate	103		102		70-130	1		20
Ethyl Acetate	93		96		70-130	3		20
Cyclohexane	82		79		70-130	4		20
Ethyl-Tert-Butyl-Ether	89		87		70-130	2		20
Tertiary-Amyl Methyl Ether	86		86		66-130	0		20
1,4-Dioxane	129		136		56-162	5		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	85		80		70-130	6		20
1,4-Diethylbenzene	91		87		70-130	4		20
4-Ethyltoluene	93		91		70-130	2		20
1,2,4,5-Tetramethylbenzene	101		98		70-130	3		20
Ethyl ether	81		84		59-134	4		20
trans-1,4-Dichloro-2-butene	106		110		70-130	4		20
Methyl cyclohexane	82		79		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DOLLAR GENERAL

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG653892-1 WG653892-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		113		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	104		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

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Report Date: 11/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG653892-4 WG653892-5								
Methylene chloride	99		85		70-130	15		20
1,1-Dichloroethane	102		90		70-130	13		20
Chloroform	106		91		70-130	15		20
Carbon tetrachloride	105		91		63-132	14		20
1,2-Dichloropropane	103		89		70-130	15		20
Dibromochloromethane	102		94		63-130	8		20
1,1,2-Trichloroethane	103		97		70-130	6		20
Tetrachloroethene	105		91		70-130	14		20
Chlorobenzene	105		92		75-130	13		20
Trichlorofluoromethane	100		89		62-150	12		20
1,2-Dichloroethane	106		95		70-130	11		20
1,1,1-Trichloroethane	105		89		67-130	16		20
Bromodichloromethane	106		91		67-130	15		20
trans-1,3-Dichloropropene	107		97		70-130	10		20
cis-1,3-Dichloropropene	101		87		70-130	15		20
1,1-Dichloropropene	101		85		70-130	17		20
Bromoform	101		95		54-136	6		20
1,1,2,2-Tetrachloroethane	100		98		67-130	2		20
Benzene	101		86		70-130	16		20
Toluene	105		90		70-130	15		20
Ethylbenzene	107		91		70-130	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG653892-4 WG653892-5								
Chloromethane	110		97		64-130	13		20
Bromomethane	**142**	Q	123		39-139	14		20
Vinyl chloride	103		88		55-140	16		20
Chloroethane	103		90		55-138	13		20
1,1-Dichloroethene	99		84		61-145	16		20
trans-1,2-Dichloroethene	98		88		70-130	11		20
Trichloroethene	106		89		70-130	17		20
1,2-Dichlorobenzene	109		96		70-130	13		20
1,3-Dichlorobenzene	109		95		70-130	14		20
1,4-Dichlorobenzene	107		96		70-130	11		20
Methyl tert butyl ether	98		90		63-130	9		20
p/m-Xylene	105		91		70-130	14		20
o-Xylene	105		90		70-130	15		20
cis-1,2-Dichloroethene	104		87		70-130	18		20
Dibromomethane	101		94		70-130	7		20
1,2,3-Trichloropropane	103		98		64-130	5		20
Acrylonitrile	102		104		70-130	2		20
Styrene	105		91		70-130	14		20
Dichlorodifluoromethane	95		89		36-147	7		20
Acetone	105		92		58-148	13		20
Carbon disulfide	100		86		51-130	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DOLLAR GENERAL

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG653892-4 WG653892-5								
2-Butanone	102		97		63-138	5		20
Vinyl acetate	105		97		70-130	8		20
4-Methyl-2-pentanone	86		89		59-130	3		20
2-Hexanone	88		91		57-130	3		20
Bromochloromethane	104		90		70-130	14		20
2,2-Dichloropropane	105		89		63-133	16		20
1,2-Dibromoethane	102		95		70-130	7		20
1,3-Dichloropropane	101		94		70-130	7		20
1,1,1,2-Tetrachloroethane	109		96		64-130	13		20
Bromobenzene	107		96		70-130	11		20
n-Butylbenzene	111		96		53-136	14		20
sec-Butylbenzene	108		94		70-130	14		20
tert-Butylbenzene	106		92		70-130	14		20
o-Chlorotoluene	112		95		70-130	16		20
p-Chlorotoluene	113		96		70-130	16		20
1,2-Dibromo-3-chloropropane	112		104		41-144	7		20
Hexachlorobutadiene	93		92		63-130	1		20
Isopropylbenzene	106		92		70-130	14		20
p-Isopropyltoluene	109		94		70-130	15		20
Naphthalene	93		90		70-130	3		20
n-Propylbenzene	110		94		69-130	16		20

Lab Control Sample Analysis

Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG653892-4 WG653892-5								
1,2,3-Trichlorobenzene	98		90		70-130	9		20
1,2,4-Trichlorobenzene	101		89		70-130	13		20
1,3,5-Trimethylbenzene	110		96		64-130	14		20
1,2,4-Trimethylbenzene	113		96		70-130	16		20
1,4-Dioxane	125		133		56-162	6		20
1,4-Diethylbenzene	108		94		70-130	14		20
4-Ethyltoluene	110		96		70-130	14		20
1,2,4,5-Tetramethylbenzene	121		102		70-130	17		20
Ethyl ether	95		86		59-134	10		20
trans-1,4-Dichloro-2-butene	111		105		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		110		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DOLLAR GENERAL

Project Number: ENV-13-CSS

Lab Number: L1323363

Report Date: 11/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-08 Batch: WG653935-1 WG653935-2								
Methylene chloride	104		104		70-130	0		20
1,1-Dichloroethane	103		103		70-130	0		20
Chloroform	102		102		70-130	0		20
Carbon tetrachloride	104		104		63-132	0		20
1,2-Dichloropropane	98		99		70-130	1		20
Dibromochloromethane	88		88		63-130	0		20
1,1,2-Trichloroethane	104		101		70-130	3		20
Tetrachloroethene	104		105		70-130	1		20
Chlorobenzene	99		101		75-130	2		20
Trichlorofluoromethane	114		119		62-150	4		20
1,2-Dichloroethane	101		101		70-130	0		20
1,1,1-Trichloroethane	101		103		67-130	2		20
Bromodichloromethane	101		99		67-130	2		20
trans-1,3-Dichloropropene	92		92		70-130	0		20
cis-1,3-Dichloropropene	84		86		70-130	2		20
1,1-Dichloropropene	92		96		70-130	4		20
Bromoform	85		85		54-136	0		20
1,1,2,2-Tetrachloroethane	97		101		67-130	4		20
Benzene	107		107		70-130	0		20
Toluene	101		104		70-130	3		20
Ethylbenzene	94		95		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DOLLAR GENERAL

Project Number: ENV-13-CSS

Lab Number: L1323363

Report Date: 11/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-08 Batch: WG653935-1 WG653935-2								
Chloromethane	91		105		64-130	14		20
Bromomethane	64		85		39-139	**28**	Q	20
Vinyl chloride	102		120		55-140	16		20
Chloroethane	109		120		55-138	10		20
1,1-Dichloroethene	111		114		61-145	3		20
trans-1,2-Dichloroethene	104		107		70-130	3		20
Trichloroethene	98		101		70-130	3		20
1,2-Dichlorobenzene	99		103		70-130	4		20
1,3-Dichlorobenzene	100		104		70-130	4		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	80		83		63-130	4		20
p/m-Xylene	93		94		70-130	1		20
o-Xylene	91		92		70-130	1		20
cis-1,2-Dichloroethene	94		96		70-130	2		20
Dibromomethane	103		101		70-130	2		20
1,2,3-Trichloropropane	95		97		64-130	2		20
Acrylonitrile	101		100		70-130	1		20
Styrene	91		91		70-130	0		20
Dichlorodifluoromethane	130		142		36-147	9		20
Acetone	95		94		58-148	1		20
Carbon disulfide	125		121		51-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DOLLAR GENERAL

Project Number: ENV-13-CSS

Lab Number: L1323363

Report Date: 11/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-08 Batch: WG653935-1 WG653935-2								
2-Butanone	96		100		63-138	4		20
Vinyl acetate	78		82		70-130	5		20
4-Methyl-2-pentanone	78		81		59-130	4		20
2-Hexanone	78		83		57-130	6		20
Bromochloromethane	109		108		70-130	1		20
2,2-Dichloropropane	112		115		63-133	3		20
1,2-Dibromoethane	98		101		70-130	3		20
1,3-Dichloropropane	103		103		70-130	0		20
1,1,1,2-Tetrachloroethane	102		102		64-130	0		20
Bromobenzene	99		102		70-130	3		20
n-Butylbenzene	92		92		53-136	0		20
sec-Butylbenzene	92		95		70-130	3		20
tert-Butylbenzene	92		96		70-130	4		20
o-Chlorotoluene	105		109		70-130	4		20
p-Chlorotoluene	102		107		70-130	5		20
1,2-Dibromo-3-chloropropane	92		92		41-144	0		20
Hexachlorobutadiene	102		102		63-130	0		20
Isopropylbenzene	91		93		70-130	2		20
p-Isopropyltoluene	91		94		70-130	3		20
Naphthalene	81		84		70-130	4		20
n-Propylbenzene	96		100		69-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-08 Batch: WG653935-1 WG653935-2								
1,2,3-Trichlorobenzene	79		82		70-130	4		20
1,2,4-Trichlorobenzene	84		86		70-130	2		20
1,3,5-Trimethylbenzene	101		106		64-130	5		20
1,2,4-Trimethylbenzene	102		106		70-130	4		20
1,4-Dioxane	80		84		56-162	5		20
1,4-Diethylbenzene	89		91		70-130	2		20
4-Ethyltoluene	94		97		70-130	3		20
1,2,4,5-Tetramethylbenzene	94		95		70-130	1		20
Ethyl ether	101		107		59-134	6		20
trans-1,4-Dichloro-2-butene	93		97		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		101		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	98		102		70-130
Dibromofluoromethane	105		104		70-130

Project Name: DOLLAR GENERAL
Project Number: ENV-13-CSS

Lab Number: L1323363
Report Date: 11/24/13

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(*)
L1323363-01A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-01B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-01C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-02A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-02B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-02C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-03A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-03B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-03C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-04A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-04B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-04C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-05A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-05B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-05C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-06A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-06B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-06C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-07A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-07B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-07C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-08A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1323363-08B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	DOLLAR GENERAL	**Lab Number:**	L1323363
Project Number:	ENV-13-CSS	**Report Date:**	11/24/13

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.

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.

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.

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.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	DOLLAR GENERAL	**Lab Number:**	L1323363
Project Number:	ENV-13-CSS	**Report Date:**	11/24/13

Data Qualifiers

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	DOLLAR GENERAL	**Lab Number:**	L1323363
Project Number:	ENV-13-CSS	**Report Date:**	11/24/13

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.

Certificate/Approval Program Summary

Last revised November 12, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: 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-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310C, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, 4500SO4-E, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 5030C, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5030C, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330A, 8082A, EPA 3510C, 5030B, 5030C, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330A, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C,

4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm 9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
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 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease. **EPA 9060** in a soil matrix.

Serial_No:11241318:44

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 11/15/13

ALPHA Job #: L1323363

ALPHA ANALYTICAL

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

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

Client Information

Client: Quality Inspection Services

Address: 4410 Broadway

Depew, NY. 14043

Phone: 716-686-3713 ext. 131

Fax: 716-686-3716

Email: Andrew.Kucsent@pghnrtd.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Dollar General

Project Location: 2137 Seneca St.

Project #: ENV-13-C55

Project Manager: Andrew J. Kucsent

ALPHA Quote #:

Turn-Around Time

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

Date Due: 11/21/13 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:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: USEPA 8260	SAMPLE HANDLING: Filtration ☐ Done ☐ Not needed ☐ Lab to do; Preservation ☐ Lab to do (Please specify below)	Sample Specific Comments	TOTAL # BOTTLES
23363.01	MW-2	11/15/13	11:52	GW	JK	✓			
.02	MW-4		13:01		JK	✓			
.03	MW-4A		14:10		JK	✓			
.04	MW-11		12:24		JK	✓			
.05	MW-13		12:11		JK	✓			
.06	PZ-A		12:47		JK	✓			
.07	Duplicate		12:35		JK	✓			
.08	Trip				JK	✓			

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
Andrew J. Kucsent	11/15/13 1520	MICHAEL WATTERS	11/15/13 1520
MICHAEL WATTERS	11/15/13 1845	Jan Cole	11/15/13 1845
Jan Cole	11/15/13 23:28		11/15/13 23:28

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)