

2016 Periodic Review Report

Former Greer Property
NYSDEC Site ID No. 3-14-088
U.S. Route 9 and Old Hopewell Road
Town of Wappinger, Dutchess County, New York

May 2016

Chazen Project No. 40702.13



Prepared for:

New York State Department of Environmental
Conservation
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1.0 EXECUTIVE SUMMARY

On behalf of Greer Nine Realty, LLC, The Chazen Companies, Inc. (Chazen) provides routine environmental media sampling and site management support for the former Greer property in Wappinger, New York (the "Site"). The Site is identified as NYSDEC Site ID No. 3-14-088, and is a Class 4 Inactive Hazardous Waste Disposal (IHWd) site. The Site currently contains an automotive dealership operated by DCH Wappingers Falls Toyota. A Site Location Map is included as **Figure 1**.

This Periodic Review Report summarizes current site conditions and also the results, analysis, and conclusions for environmental media sampling conducted for the period from January 1, 2013 through January 1, 2016 during which time the former showroom was removed and a new showroom was constructed. The Site Management Periodic Review Report Notice and Institutional and Engineering Controls Certification Forms, signed appropriately, are attached in Appendix A.

1.1 Remedial History

The remedy for this site included the 1992 closure/sealing of an oil/water separator and in-place abandonment of a former concrete septic effluent diffuser system located north of the former showroom/service building. Chazen was retained in 1997 to advance further remediation and began a site investigation in 1998. In 2000 two inactive waste oil tanks and associated leaky piping were removed from an area adjoining the northwest corner of the former site building, associated impacted soils were removed, and a soil vapor extraction (SVE) system was installed in the tank grave. The SVES operated continuously until 2012 when it was decommissioned with NYSDEC concurrence.

The site owner has been taking care of a granular activated carbon (GAC) filtration system at the downgradient Halpin residence, at 110 Curry Road since 1999.

1.2 Effectiveness of Remedial Program

- Two 1,000-gallon waste oil underground storage tanks (USTs), associated piping and most source soils were removed from the site in November 2000. Most endpoint samples met NYSDEC Part 375 restricted-Commercial soil cleanup objectives (SCOs). Some residual impacts were left in place beneath the northwestern corner of the site building to be addressed by SVE.
- VOC impacts in on-site monitoring wells are no longer present. In the two downgradient site wells MW-4 and MW-5, the primary site compound of concern, 1,1-Dichloroethane (1,1-DCA), was last detected in MW-4 in November 2010 and was last detected in MW-5 in March 2013.
 - Other VOCs, including other chlorinated compounds and petroleum-related compounds are periodically detected at trace concentrations in wells MW-4 and MW-5. None have exceeded relevant standards or guidance values since September 2012.
 - The VOCs Acetone and Methylene Chloride are periodically detected in site groundwater at concentrations up to 65 ug/L. These compounds are common laboratory artifacts and have been understood not to be representative of site groundwater quality.
- SVE monitoring documented active VOC extraction through approximately December 2010 and then that readings decreased to near zero, indicating the system had remediated soils within vapor range. Correlated improving groundwater quality in down-gradient monitoring wells MW-

4 and MW-5 suggested the efficacy of SVE in the former UST/soil excavation, so based on these data, the SVE was decommissioned with NYSDEC approval in November 2012.

- Sampling of offsite groundwater at the nearby Halpin Residence well has identified no 1,1-DCA since at least 2009, when Chazen assumed responsibility for this work from another consultant. Methyl tert-butyl ether (MTBE) is detected at trace concentrations in the raw well water but significantly below NYSDOH drinking water standards. MTBE is not present in on-site well MW-4 and at significantly lower concentrations in on-site well MW-5, so these trace detections are not interpreted to be related to the Site. Trihalomethanes are also occasionally detected at trace concentrations in the raw water at the Halpin well, interpreted to result from the homeowner periodically disinfecting the well with chlorine bleach. Both the raw and finished water meet NYSDOH drinking water standards for analyzed VOCs.
- The site cover system remains in place to prevent human or ecological contact with soils or groundwater. The cover system consists of a building footprint and pavement. Within the Soil Management Area, the new showroom was constructed with a crushed stone venting layer, venting layer perforated piping to be used as necessary, and a vapor barrier below the concrete slab-on-grade new show-room construction. An IAQ sample collected during the winter 2015-2016 heating season identified no 1,1-DCA in the occupied space above the detection limit of 0.1 ug/m³.

1.3 Compliance

No breaching of the impermeable soil cover has been observed except during the construction period, and groundwater monitoring wells remain operational. The existing automotive showroom building was demolished during late 2014 and a new showroom was constructed during early 2015. The Excavation Plan contained in Section 2.4 of the Site Management Plan (SMP) was followed as necessary during site redevelopment activities.

1.4 Recommendations

Monitoring Wells: No 1,1-DCA has been detected in excess of the NYSDEC Part 703 Groundwater Standard in either site monitoring well MW-4 or MW-5 in the last three years. Site source material, USTs and soil, have been excavated and SVE operations have contributed to further source abatement. Considered collectively, Chazen recommends decommissioning and discontinuing monitoring of these two remaining on-site monitoring wells. Traces of other chlorinated VOCs are periodically detected, primarily in MW-5, none have exceeded Part 703 Groundwater standards. Since MW-4 and MW-5 are shallow bedrock wells, our recommended technique for abandonment would consist of removing dedicated sampling equipment, backfilling the well column to within two feet of grade with bentonite chips topped with concrete and restoring the surface with asphalt cold patch to match the surrounding driveway pavement surface.

Halpin residence: No 1,1-DCA has been detected at this location since at least 2009. Chazen recommends cessation of sampling of this residential well. The homeowner would be offered the option to keep the GAC system in place since finished water data indicate this system is effectively treating non-site related VOCs including previously-noted trihalomethanes.

Monitoring and Reporting: We believe the Site could be removed from the NYSDEC remedial program.

2.0 SITE OVERVIEW

2.1 Site Location and Pre-Remedy Conditions

The site is a 2.3-acre parcel located in a commercial area of the Town of Wappinger, Dutchess County, New York. The site is bounded by U.S. Route 9 to the east, a vacant parcel containing a small public war memorial to the south, Old Route 9 North to the west and a private residence to the north.

Prior uses of the site included a used car showroom, and a new car showroom with associated repair bays. Groundwater and soil impacts were identified involving chlorinated solvents, primarily 1,1-dichloroethane (1,1-DCA).

The current site features include one commercial retail building occupied as a new and used automobile dealership and repair facility (Figure 3). The site was previously developed with a small rectangular building to the north housing the used car showroom, and a larger irregularly-shaped building housing a nine-bay repair garage and new car showroom; these former structures were demolished in late 2014.

2.2 Chronology of Remedial Program

The site remedy was implemented by The Chazen Companies in accordance with the NYSDEC-approved Remedial Design/Remedial Action Work Plan (RD/RAWP), dated March 2003. The following is a summary of Remedial Actions performed at the Site:

- Closure and removal of two 1,000-gallon waste oil USTs and excavation of associated impacted soils exceeding TAGM 4046 guidance values. TAGM 4046 was used to direct this work since the current Part 375 soil cleanup objectives had not yet been promulgated. Approximately 800 tons of impacted soils were removed during this process. Limited impacted material was left in place to be addressed by SVE.
- Installation of a soil vapor extraction (SVE) system in February, 2004. This system consisted of two extraction lines positioned across the top of the tank grave excavation with a third line installed deep in the tank grave. A fourth extraction line was positioned vertically near the corner of the former car showroom where not all impacted soil could be excavated. The deep tank grave SVE line was found to be periodically submerged by seasonal groundwater so was taken out of service.
- A soil cover system was replaced over the removed USTs and excavated soil area consisting of asphalt pavement. The cover material limited infiltration of storm water into the impacted area, prevented human exposure to remaining impacted soil/fill at the site, and extended a low-permeability surface over the impacted area for SVE vapor control optimization. The area including the former UST area is identified on **Figures 2 and 3** as the Soil Management Area (SMA).
- Execution and recording of a Deed Restriction and an Environmental Easement to restrict land use primarily within the SMA protective of human health and environmental exposure. The environmental easement applies to both the SMA and the balance of the Site identified on **Figures 2 and 3** as the Restricted Property Area (RPA).
- Development and implementation of a Site Management Plan (SMP) for long term management of remaining impacts as required by the Environmental Easement including: 1) Institutional and Engineering Controls; 2) Monitoring; 3) Operation and Maintenance of the SVE; and 4) Reporting.

3.0 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

Groundwater

In accordance with the Department-approved SMP dated January 2011 and June 2012 correspondence from NYSDEC, monitoring events included the collection and analysis of groundwater from two on-site monitoring wells (MW-4 and MW-5 – **Figure 2**) conducted on a semi-annual basis and quarterly sampling of the off-site Halpin potable well (raw and finished water).

Groundwater samples for the current reporting period were collected from the site on January 16th, May 28th, September 9th and December 8th, 2015 and on March 24th, 2016. The groundwater samples were collected in a manner consistent with the methodologies identified in the approved Field Sampling Plan. Samples were collected in laboratory-provided sample jars and immediately chilled.

The groundwater samples were analyzed for VOCs via USEPA Method 8260. Drinking water samples were analyzed for VOCs by USEPA Method 524.2. Copies of the laboratory reports are attached electronically in Appendix B.

Table 1 compares the groundwater sampling results to guidance values published in Part 703. Monitoring wells MW-4 and MW-5 both identified traces of various chlorinated and petroleum range VOCs during this monitoring period, all below Part 703 standards. The last detection of any VOC above standards in MW-4 was for methylene chloride in September 2012. This compound is a common laboratory artifact and is likely not representative of site groundwater quality. The prime site compound of concern, 1,1-DCA, was last detected in MW-4 in November 2010 at a concentration of 1.0 ug/L (slightly exceeding the Part 703 standard of 0.6 ug/L). Neither 1,1-DCA, nor any other VOCs have been detected above Part 703 standards in MW-5 since March 2013 (1,1-DCA at 1.0 ug/L).

Table 2 compares the Halpin well drinking water sampling results to standards contained in the NYSDOH Subpart 5-1 regulation. No VOCs exceeded applicable standards during this monitoring period in either raw or finished water. Traces of trihalomethanes (interpreted to be byproducts of well disinfection with chlorine bleach) and MTBE (not a site-related VOC) were detected in raw water, but at concentrations well below Subpart 5-1 standards. Finished water samples did not contain detectable concentrations of these compounds.

Soil Cover System

Exposure to residual impacts in soil at the Site is prevented by a soil cover system placed over impacted areas of the site (identified as the Soil Management Area or SMA, **Figures 2 and 3**). In the SMA, this cover system is comprised of either concrete building slab or asphalt pavement placed over clean soil fill materials. The soil cover system was inspected during each monitoring event and confirmed to be intact.

In the winter of 2014 into the spring of 2015, the site building was demolished and a new site building was constructed. This new building is located to the north of the original building footprint, and while similar in overall size, has a different floorplan than the original building. As with the original, the new building houses a combination of showroom/business office space and service garage bays. Construction

activities were conducted with NYSDEC notification and involvement, were performed consistent with the SMP, and CAMP readings confirmed that controls were effective during the Site work. This work was overseen as needed by Chazen staff, who were typically present onsite when soils in the SMA were being disturbed. Field notes, CAMP data, and records of other brief site visits collected during this work are attached in **Appendix C**. As work conducted outside the SMA but within the RPA is not governed by the SMP, oversight and CAMP monitoring for construction work completed in those areas were not required.

4.0 INSTITUTIONAL CONTROL/ENGINEERING CONTROL COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

The following IC/ECs are in place at the site:

1. A Composite Cover System- exposure to remaining contamination in soil/fill at the site is prevented by a combination of a minimum of 24 inches of clean soil, asphalt pavement, concrete sidewalks or the concrete building slab. The visual integrity of this system at grade is reviewed during each site monitoring event. An Excavation Work Plan (EWP) presented in the SMP outlines procedures required in the event that the cover system is to be breached, penetrated, or any underlying contaminated material is to be disturbed. Based on the most recent (March 2016) inspection, a cover is in place. The cover system had been breached throughout the SMA during site demolition and reconstruction activities undertaken in winter 2014 through Spring 2015. All work in the SMA was performed in accordance with the SMP, including the terms of the EWP.
2. Groundwater Monitoring-Monitored Natural Attenuation – Post remedy groundwater monitoring activities to assess ongoing natural attenuation are conducted on a semi-annual basis. Results of monitoring are discussed in this report and tabulated data are presented in **Table 1**. Quarterly sampling of raw and finished water at the Halpin residence is also required and is continue until one-half of the NYS drinking water standards are met for at least four consecutive quarters. Results of this monitoring are discussed in this report and tabulated data are presented in **Table 2**. Raw laboratory reports are attached in **Appendix B**.
3. The property may be used for “Commercial use” and/or “Industrial use” as described within 6 NYCRR Part 375-1.8(g)(2)(ii), (iii) and (iv).
4. Data and information pertinent to the SMP of the Controlled Property must be reported at the frequency and manner defined in the SMP;
5. Access to the Site must be provided to agents, employees or other representatives of the state of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

4.2 IC/EC Certification

The EC/IC Certification forms are included in **Appendix A**. Box 2 identifies a change of use and the issuance of permits for the site. These are relative to the demolition of the former site building and construction of a new site building. The site was formerly an automobile dealership and continues to be an automobile dealership, however, since the new building occupies a different part of the Site, we are conservatively recognizing that as a change of use. Appropriate permits for construction of the new site building (building permit, electrical permit, etc) would have been obtained by the site developer prior to construction work. Chazen was not working for the site developer.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Components of the Monitoring Plan

The Monitoring Plan for this site, as published in the SMP includes sampling of two groundwater monitoring wells on a quarterly basis, gauging of water levels in four other on-site monitoring wells, sampling of the Halpin residence potable well on a quarterly basis, quarterly monitoring of the SVE system and quarterly visual inspection of the impermeable cover system. Several changes have recently been made to this monitoring plan since it was published. The current monitoring plan includes the following components:

1. Two monitoring wells exist on the site (MW-4 and MW-5). Groundwater sampling is currently conducted semi-annually in March and September 2015 and March 2016. Well sampling activities are logged on field data sheets, which serve as the inspection form for the well network. Groundwater samples are analyzed for VOCs. Wells are inspected during each sampling event. If an event renders the wells unusable, or if the approval is granted that well sampling is no longer required, they will be properly decommissioned and/or replaced. The NYSDEC will be notified prior to any well repair or decommissioning.
 - a. The four wells that had been gauged on a quarterly basis (MW-1, MW-2, MW-3 and MW-6) were decommissioned with NYSDEC approval in November 2012. Each of these open-borehole bedrock wells were filled to within two feet of grade with 3/8-inch bentonite chips. The steel well casings were cut off and the former well heads were buried below grade during site reconstruction activities in 2014.
2. The Halpin residence well, located on a nearby property to the west of the Site, continues to be sampled on a quarterly basis. Samples of raw and finished water are collected in March, June, September and December, and are analyzed for VOCs. The point-of-entry treatment (POET) system is inspected during each sampling event to ensure there are no leaks and all components are functional (consisting of carbon vessels with associated sediment filters and an ultraviolet (UV) light disinfection unit). Sediment filters are replaced by the homeowner as needed, while the carbon and associated UV system is serviced as needed by Chazen.
3. The SVE system was monitored on a quarterly basis until November 2012. At this time, the system was decommissioned with NYSDEC approval. Aboveground components, including the vacuum blower and controls and discharge stack, were disconnected and removed. Extraction lines were cut and capped at grade, and were abandoned in place during site reconstruction activities. No further soil vapor extraction activities are occurring at this time. Extraction plumbing for a sub-slab depressurization system (SSDS) was installed beneath the slab of the new building during construction. Indoor air quality sampling (discussed elsewhere in this report) identified no VOCs in indoor air requiring mitigation so this plumbing remains unconnected and in-place in the event a system becomes needed in the future.
4. A site-wide inspection of the facility is conducted during each quarterly sampling visit as well as after any severe weather condition that may affect ECs or monitoring devices. The inspection assesses compliance with ICs and site usage; condition and continued effectiveness of ECs; general site conditions, site management activities being conducted, and compliance with the O&M Plan.

5.2 Summary of Monitoring Completed During Reporting Period

Monitoring completed during the reporting period (January, May, September and November 2015, March 2016) has included three semi-annual groundwater sampling events of the two remaining on-site wells, five quarterly sampling events for the Halpin residence well and five quarterly site cover system inspections. Groundwater sampling points relative to the current site layout are depicted on **Figure 3**. **Table 1** provides groundwater monitoring results, compared to NYSDEC Part 703 groundwater standards. **Table 2** shows potable water sampling results from the Halpin residence, compared to NYSDOH Subpart 5-1 drinking water standards.

In 2015, during preparation of the site for construction of a new showroom a previously-unknown underground storage tank (UST) was encountered on the southern portion of the Site. The tank exhibited no visual or olfactory evidence that it tank had ever been placed in service. It was removed from the site by the site contractor as scrap metal with no impacted soils or groundwater encountered.

Following construction of the new showroom building, Chazen collected one indoor air quality sample from the showroom/office portion of the new building in December 2015. The location of this sample is identified on **Figure 3**. This sample was required to determine if vapor intrusion into the new building was occurring, and if an SSDS would be required for that space. **Table 3** presents results of that IAQ sampling event and compares them to NYSDOH Matrix 1 and Matrix 2 compounds.

5.3 Comparisons with Remedial Objectives

Soil

- Post excavation sampling completed during the remedy and additional soil sampling completed prior to site demolition and reconstruction activities demonstrate that soils generally meet Part 375 soil cleanup objectives for Commercial uses. Some impacted soil was left in place beneath northwest corner of the original site building to be addressed by the SVE system. Asphalt paving or new building footprint continue to provide a cohesive site cover system, designed to prevent contact with soils by surfacewaters and site occupants.

Groundwater

- Monitoring wells MW-4 and MW-5 show traces of various petroleum-range and chlorinated VOCs. The prime site compound of concern (1,1-dichloroethane) has been absent from MW-4 since 2010 and has not exceeded Part 703 standards in MW-5 since 2013. No other VOCs have been detected in exceedance of Part 703 standards in three years (**Table 1**). Trends in concentrations of 1,1-DCA are depicted on **Figures 4** and **5**.

Potable Water

- The Halpin residence potable well currently meets NYSDOH Subpart 5-1 drinking water standards (**Table 2**). In fact, no analyzed VOCs have exceeded standards since Chazen assumed

responsibility for this sampling in 2009. Trace concentrations of non-site related VOCs, primarily disinfection byproducts, are frequently detected in raw water samples. The disinfection byproducts are interpreted to most likely result from the homeowner disinfecting the well with chlorine bleach.

Indoor Air

- The December 2015 sampling data demonstrate that no Matrix 1 or Matrix 2 compounds are present at levels requiring mitigation or further monitoring (**Table 3**).
- The concentration of 1,1-DCA in the December sample was below the detection limit of 0.1ug/m³. 1,1-DCA is not listed on Matrix 1 or 2 but its concentration is below actionable concentrations for other listed CVOCs.

5.4 Monitoring Deficiencies

No monitoring deficiencies were identified during the sampling and reporting period.

5.5 Conclusions and Recommendations for Changes

Chazen recommends no longer sampling the on-site monitoring wells or the Halpin residence potable well. Each of these monitoring points meets the terms noted in the SMP for cessation of monitoring. If permission is granted to cease monitoring the on-site wells, Chazen also recommends permanently abandoning the monitoring wells in accordance with NYSDEC CP-43 regulations by filling them to within two feet of grade with bentonite chips, terminating casings below grade, and restoring grade with asphalt or concrete to match surrounding finishes.

If permission is granted to cease sampling the Halpin residence well, Chazen would offer the homeowner the option to leave the POET system in place, as finished water data indicate this system is effectively extracting the non-site related VOCs, including previously noted trihalomethanes.

If permission to cease on-site and off-site sampling activities is granted, Chazen believes the site could be removed from the NYSDEC remedial program.

6.0 OPERATION AND MAINTENANCE (O&M) PLAN COMPLIANCE RPEORT

6.1 Components of the O&M Plan

The O&M Plan presented in the SMP includes the steps necessary to operate and maintain the on-site SVE system, maintain the site cover system and also included an O&M contingency plan.

The SVE system was decommissioned and removed with NYSDEC concurrence in November 2012 and as such O&M components for this remedial element no longer apply. The site cover system, consisting of asphalt pavement and concrete building slab, is to be maintained by promptly patching any cracks, subsidence or holes noted. Significant repairs or replacement of site cover system components requires notifying NYSDEC in advance of such work, managing any impacted media encountered beneath the cover and performing CAMP monitoring during this work.

6.2 Summary of O&M Completed During Reporting Period

The site cover system was entirely replaced during this monitoring period as part of planned site demolition and reconstruction activities. The former site building has been replaced with a new building housing showroom space, administrative offices, service and parts departments. Construction activities were monitored as needed by Chazen when such activities took place in the SMA. No impacted soils or groundwater were generated during the activities. CAMP monitoring was performed by Chazen during those portions of site work occurring within the SMA as appropriate. Field notes and CAMP data from this work are attached as **Appendix C**. A new site cover system was installed during site reconstruction and consists of primarily asphalt pavement and a small portion of the southwestern corner of the new building's concrete slab. The SMA remains completely and appropriately covered.

In June 2015, during site redevelopment construction activities, a previously unknown UST was encountered on the southern portion of the Site. The tank was found to be partially filled with foam and there was no evidence it had ever been put into service. It was removed from the site with no impacted soils or groundwater encountered.

6.3 O&M Deficiencies

No O&M deficiencies were noted during the reporting period.

6.4 Conclusions and Recommendations for Improvement

Replacement of the site cover system following site demolition reconstruction activities was done in accordance with the requirements of the SMP. The NYSDEC was notified of the work in advance and monitoring was provided as needed during intrusive work in the SMA. The new site cover system meets the requirements for site cover set forth in the SMP. No improvements are necessary at this time.

7.0 OVERALL PERIODIC REVIEW REPORT CONCLUSIONS AND RECOMMENDATIONS

7.1 Compliance with the Site Management Plan

IC/ECs currently listed for the site include an active SVE system and an impermeable cover system.

- The SVE was decommissioned with NYSDEC approval in November 2012. As such, we request that this EC be removed from Box 4 of the PRR forms.
- Site-wide inspections completed during all sampling events in this monitoring period demonstrate that the site cover system is in place and functioning as intended. In addition, the site is currently occupied as an automobile dealership, which is in compliance with the commercial or industrial use of the site.
- Groundwater monitoring has been conducted semi-annually (January and September 2015, March 2016) and potable water sampling has been conducted quarterly (in January, May, September and November 2015 and in March 2016), in accordance with the SMP schedule. We are requesting permission to decommission MW-4 and MW-5; if this is granted we will request that this EC also be removed from Box 4 of the PRR forms.

7.2 Performance and Effectiveness of the Remedy and Recommendations

- Semi-annual groundwater monitoring and quarterly potable well monitoring indicate that these locations have achieved remedial objectives. As such, monitoring of wells MW-4 and MW-5 as well as the Halpin residence well no longer appear warranted.
- December 2015 IAQ data indicate that soil vapor intrusion into the new site building is not occurring. As such no mitigation or ongoing monitoring appear warranted.

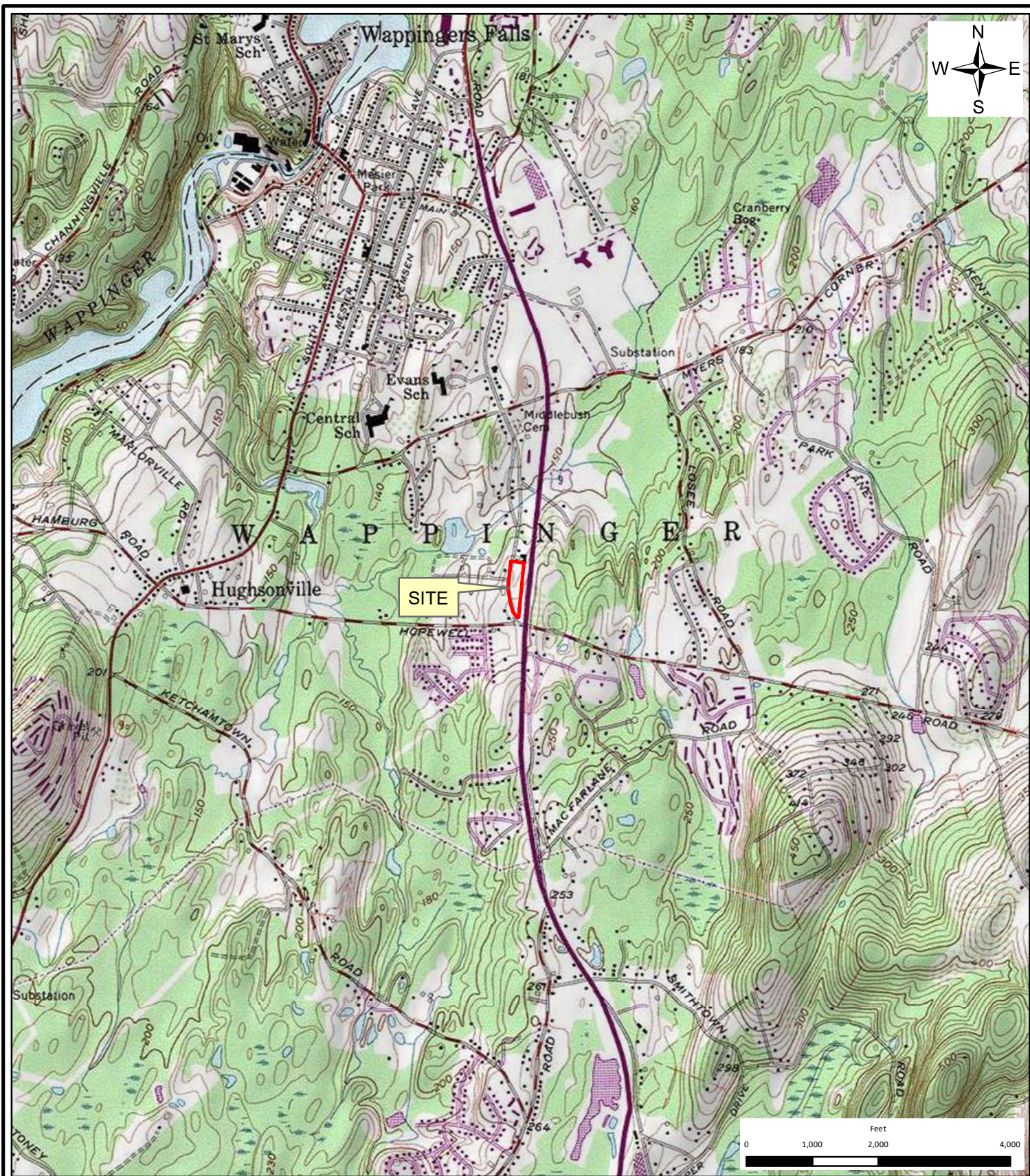
The combined results of the site inspections, groundwater and potable water sampling, and IAQ sampling suggest that the remedy continues to protect the environment and public health.

No further recommendations aside from those listed earlier are warranted. We believe the Site could be removed from the NYSDEC remedial program.

7.3 Future PRR Submittals

Monitoring for the 2016 reporting period will include semi-annual groundwater monitoring, quarterly drinking water monitoring and quarterly site-wide inspections unless sampling cessation as requested previously in this report is granted by the NYSDEC. If sampling cessation is granted, only a final annual site-wide inspection and final PRR report would be completed.

Figures



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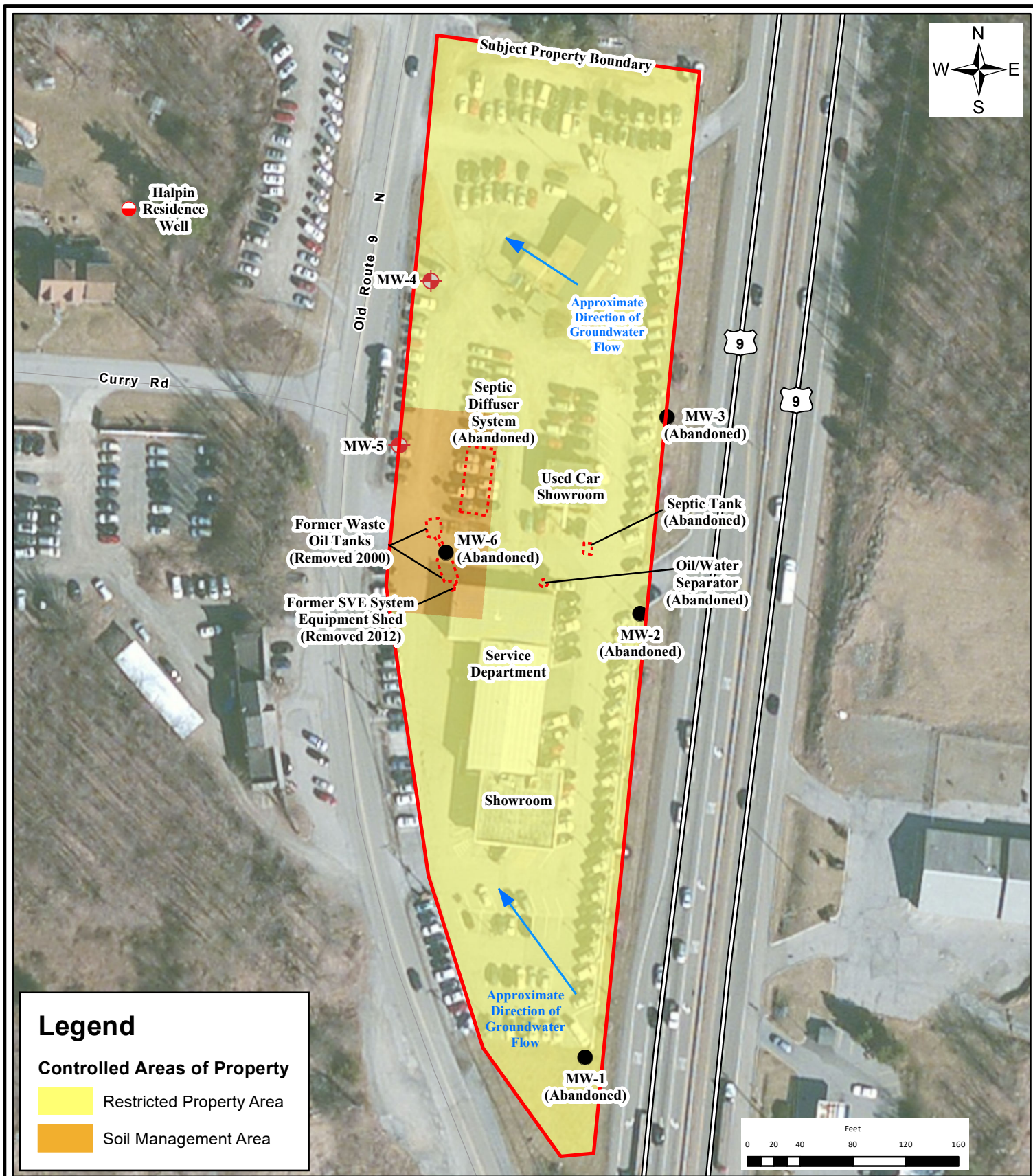
Former Greer Property

Figure 1: Site Location Map

U.S. Route 9 at New Hamburg Road
Town of Wappinger, Dutchess County, New York

Source: Dutchess County 2010 Tax Parcel Data;
USGS Topographic Map of the Wappingers Falls, NY Quadrangle Dated 1956 (Photorevised 1981).

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Figure:	1



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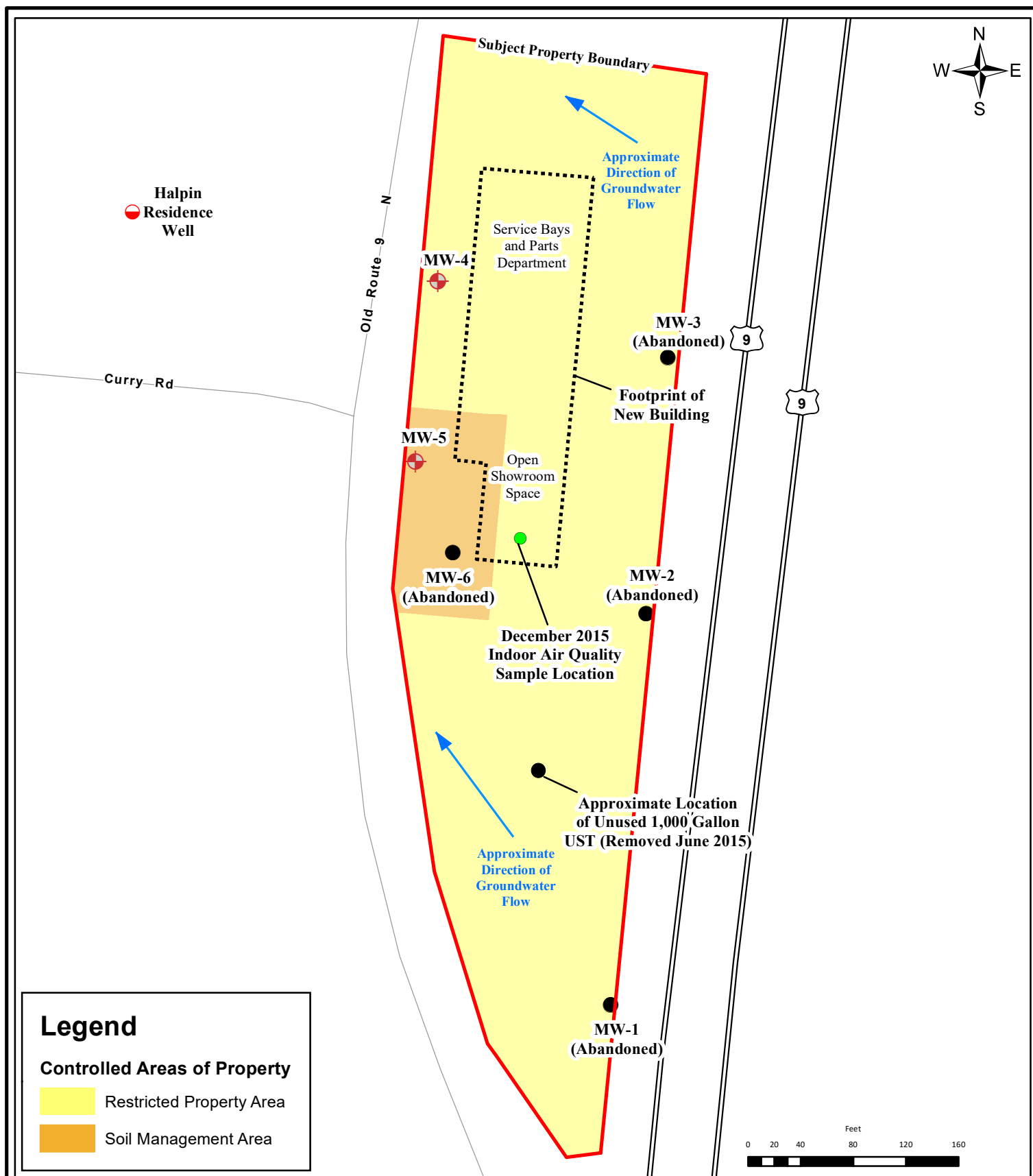
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Figure 2: Pre-2014 Site Layout Map

U.S. Route 9 at New Hamburg Road
Town of Wappinger, Dutchess County, New York

Source: Dutchess County 2010 Tax Parcel Data; i-Cubed Nationwide Prime orthoimagery data, 2011-2015;
NYS Department of Transportation roads dataset, 2008; other site features mapped by Chazen, 1999-2015.

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Former Greer Property

Figure 3: Site Layout Following New Showroom Construction

U.S. Route 9 at New Hamburg Road
Town of Wappinger, Dutchess County, New York

Source: Dutchess County 2010 Tax Parcel Data; i-Cubed Nationwide Prime orthoimagery data, 2011-2015; NYS Department of Transportation roads dataset, 2008; other site features mapped by Chazen, 1999-2015.

Drawn:	EJO
Date:	April 2016
Scale:	1 inch equals 100 feet
Project:	40702.13
Figure:	3

Figure 4: Concentrations of 1,1-Dichloroethane detected in MW-4
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

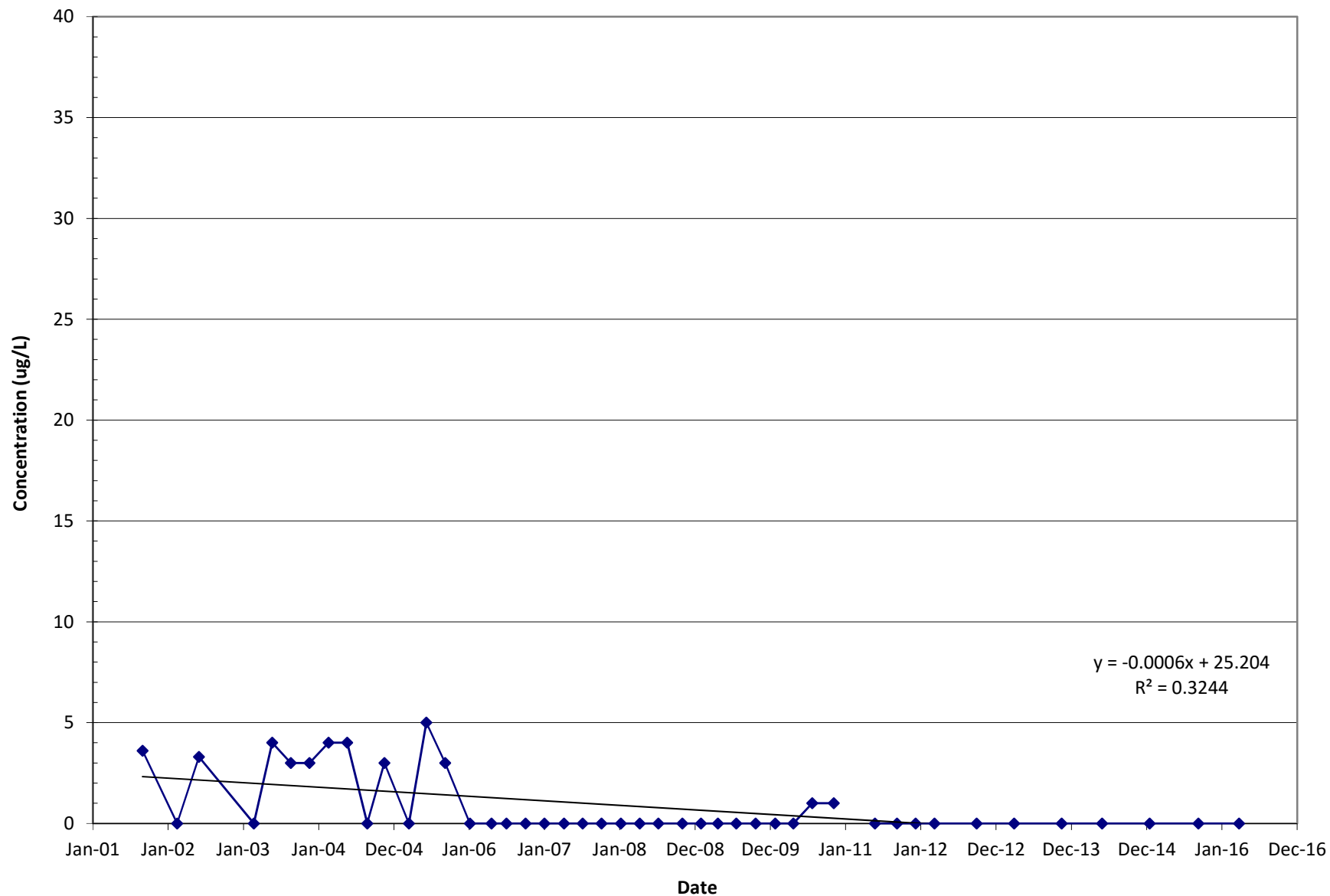
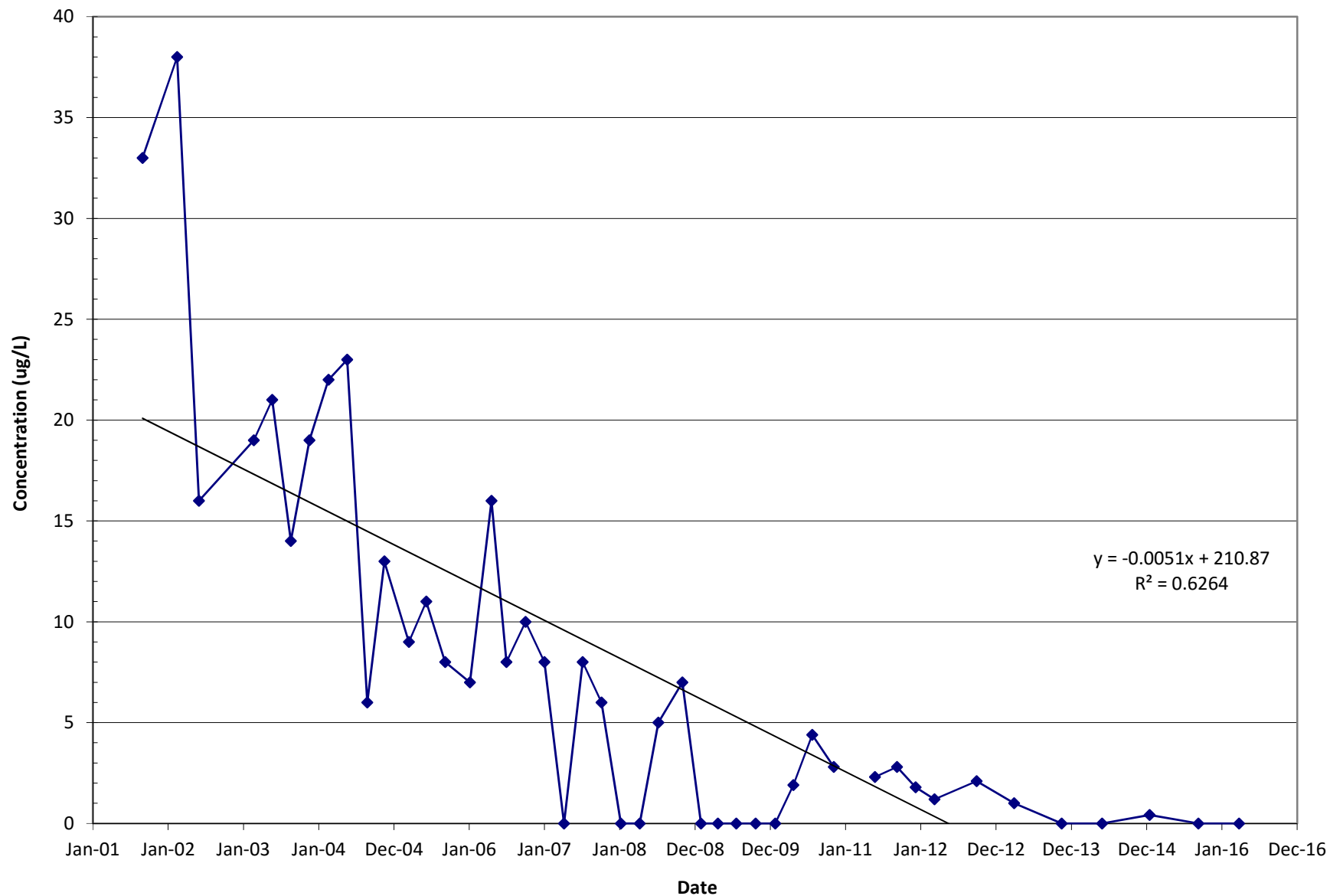


Figure 5: Concentrations of 1,1-Dichloroethane detected in MW-5
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York



Data Tables

Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	8/30/2001	2/14/2002	5/30/2002	2/21/2003	5/21/2003	8/19/2003
				MW-4					
Volatiles - 8260 List	Acetone	50		ND	ND	ND	ND	ND	ND
	Benzene	1		ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50		ND	ND	ND	ND	ND	ND
	Bromoform	50		ND	ND	ND	ND	ND	ND
	Bromomethane	5		ND	ND	ND	ND	ND	ND
	2-Butanone	50		ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10		4.6 J	1.0 J	1.1 J	ND	ND	ND
	Carbon Disulfide	5		ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND	ND
	Chlorobenzene	5		ND	ND	ND	ND	ND	ND
	Chloroethane	5		ND	ND	ND	ND	ND	ND
	Chloroform	7		ND	ND	ND	ND	ND	ND
	Chloromethane	5		ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6		3.6 J	ND	3.3 J	ND	4	3
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5			ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	Ethylbenzene	5		ND	ND	ND	ND	ND	ND
	2-Hexanone	50		ND	ND	ND	ND	ND	ND
	Methylene Chloride	5		ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND	ND
	Styrene	5		ND	ND	ND	ND	ND	ND
	1,1,1,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5		ND	ND	ND	ND	ND	ND
	Toluene	5		ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5		2.0 J	1.8 J	1.4 J	ND	ND	1
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	ND
	Trichloroethene	5		ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2		ND	ND	ND	ND	ND	ND
	O-Xylene	5		ND	ND	ND	ND	ND	ND
	M+P-Xylene	5		ND	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.

Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	11/18/2003	2/18/2004	5/19/2004	8/24/2004	11/16/2004	3/3/2005
				MW-4					
Volatiles - 8260 List	Acetone	50		ND	ND	ND	ND	ND	ND
	Benzene	1		ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50		ND	ND	ND	ND	ND	ND
	Bromoform	50		ND	ND	ND	ND	ND	ND
	Bromomethane	5		ND	ND	ND	ND	ND	ND
	2-Butanone	50		ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10		ND	1	ND	ND	ND	ND
	Carbon Disulfide	5		ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND	ND
	Chlorobenzene	5		ND	ND	ND	ND	ND	ND
	Chloroethane	5		ND	ND	ND	ND	ND	ND
	Chloroform	7		ND	ND	ND	ND	ND	ND
	Chloromethane	5		ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6		3	4	4	ND	3	ND
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	Ethylbenzene	5		ND	ND	ND	ND	ND	ND
	2-Hexanone	50		ND	ND	ND	ND	ND	ND
	Methylene Chloride	5		ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND	ND
	Styrene	5		ND	ND	ND	ND	ND	ND
	1,1,1,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5		ND	ND	ND	ND	ND	ND
	Toluene	5		ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5		1	ND	1	ND	1	ND
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	ND
	Trichloroethene	5		ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2		ND	ND	ND	ND	ND	ND
	O-Xylene	5		ND	ND	ND	ND	ND	ND
	M+P-Xylene	5		ND	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.

Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	6/7/2005	9/6/2005	1/5/2006	4/19/2006	7/5/2006	10/5/2006
				MW-4					
Volatiles - 8260 List	Acetone	50		ND	ND	ND	ND	ND	ND
	Benzene	1		ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50		ND	ND	ND	ND	ND	ND
	Bromoform	50		ND	ND	ND	ND	ND	ND
	Bromomethane	5		ND	ND	ND	ND	ND	ND
	2-Butanone	50		ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10		ND	ND	ND	ND	ND	ND
	Carbon Disulfide	5		ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND	ND
	Chlorobenzene	5		ND	ND	ND	ND	ND	ND
	Chloroethane	5		ND	ND	ND	ND	ND	ND
	Chloroform	7		ND	ND	ND	ND	ND	ND
	Chloromethane	5		ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6		5	3	ND	ND	ND	ND
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	Ethylbenzene	5		ND	ND	ND	ND	ND	ND
	2-Hexanone	50		ND	ND	ND	ND	ND	ND
	Methylene Chloride	5		ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND	ND
	Styrene	5		ND	ND	ND	ND	ND	ND
	1,1,1,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5		ND	ND	ND	ND	ND	ND
	Toluene	5		ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5		1	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	ND
	Trichloroethene	5		ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2		ND	ND	ND	ND	ND	ND
	O-Xylene	5		ND	ND	ND	ND	ND	ND
	M+P-Xylene	5		ND	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.

Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:		NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	1/5/2007	4/6/2007	7/5/2007	10/5/2007	1/7/2008	4/8/2008
			MW-4					
Volatiles - 8260 List	Acetone	50	ND	ND	ND	ND	ND	ND
	Benzene	1	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50	ND	ND	ND	ND	ND	ND
	Bromoform	50	ND	ND	ND	ND	ND	ND
	Bromomethane	5	ND	ND	ND	ND	ND	ND
	2-Butanone	50	ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10	ND	ND	ND	ND	ND	ND
	Carbon Disulfide	5	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND
	Chlorobenzene	5	ND	ND	ND	ND	ND	ND
	Chloroethane	5	ND	ND	ND	ND	ND	ND
	Chloroform	7	ND	ND	ND	ND	ND	ND
	Chloromethane	5	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND
	Ethylbenzene	5	ND	ND	ND	ND	ND	ND
	2-Hexanone	50	ND	ND	ND	ND	ND	ND
	Methylene Chloride	5	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5	ND	ND	ND	ND	ND	ND
	Styrene	5	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5	ND	ND	ND	ND	ND	ND
	Toluene	5	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND
	Trichloroethene	5	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2	ND	ND	ND	ND	ND	ND
	O-Xylene	5	ND	ND	ND	ND	ND	ND
	M+P-Xylene	5	ND	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
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Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:		NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	7/7/2008	10/31/2008	1/30/2009	4/22/2009	7/20/2009	10/22/2009
			MW-4					
Volatiles - 8260 List	Acetone	50	ND	ND	ND	ND	ND	ND
	Benzene	1	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50	ND	ND	ND	ND	ND	ND
	Bromoform	50	ND	ND	ND	ND	ND	ND
	Bromomethane	5	ND	ND	ND	ND	ND	ND
	2-Butanone	50	ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10	ND	ND	ND	ND	ND	ND
	Carbon Disulfide	5	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND
	Chlorobenzene	5	ND	ND	ND	ND	ND	ND
	Chloroethane	5	ND	ND	ND	ND	ND	ND
	Chloroform	7	ND	ND	ND	ND	ND	ND
	Chloromethane	5	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND
	Ethylbenzene	5	ND	ND	ND	ND	ND	ND
	2-Hexanone	50	ND	ND	ND	ND	ND	ND
	Methylene Chloride	5	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5	ND	ND	ND	ND	ND	ND
	Styrene	5	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5	ND	ND	ND	ND	ND	ND
	Toluene	5	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND
	Trichloroethene	5	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2	ND	ND	ND	ND	ND	ND
	O-Xylene	5	ND	ND	ND	ND	ND	ND
	M+P-Xylene	5	ND	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.

Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:		NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	1/25/2010	4/23/2010	7/23/2010	11/15/2010
			MW-4			
Volatiles - 8260 List	Acetone	50	ND	6.6 JB	ND	ND
	Benzene	1	ND	ND	ND	ND
	Bromodichloromethane	50	ND	ND	ND	ND
	Bromoform	50	ND	ND	ND	ND
	Bromomethane	5	ND	ND	ND	ND
	2-Butanone	50	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10	ND	ND	ND	ND
	Carbon Disulfide	5	ND	ND	ND	ND
	Carbon Tetrachloride	5	ND	ND	ND	ND
	Chlorobenzene	5	ND	ND	ND	ND
	Chloroethane	5	ND	ND	ND	ND
	Chloroform	7	ND	ND	ND	ND
	Chloromethane	5	ND	ND	ND	ND
	Dibromochloromethane	50	ND	ND	ND	ND
	1,1-Dichloroethane	0.6	ND	ND	1.0 J	1.0 J
	1,2-Dichloroethane	0.6	ND	ND	ND	ND
	1,1-Dichloroethene	5	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5	ND	ND	ND	ND
	1,2-Dichloropropane	1	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5	ND	ND	ND	ND
	Ethylbenzene	5	ND	ND	ND	ND
	2-Hexanone	50	ND	ND	ND	ND
	Methylene Chloride	5	ND	4.8 JB	5.0 JB	ND
	4-Methyl-2-Pentanone	5	ND	ND	ND	ND
	Styrene	5	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
	Tetrachloroethene	5	ND	ND	ND	ND
	Toluene	5	ND	ND	ND	ND
	1,1,1-Trichloroethane	5	ND	ND	ND	ND
	1,1,2-Trichloroethane	1	ND	ND	ND	ND
	Trichloroethene	5	ND	ND	ND	ND
	Vinyl Chloride	2	ND	ND	ND	ND
	O-Xylene	5	ND	ND	ND	ND
	M+P-Xylene	5	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
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Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			2/7/2011	5/24/2011	9/8/2011	12/7/2011	3/7/2012	9/28/2012
NYSDEC Part 703 Class GA Groundwater Standard (ug/L)			MW-4					
Volatiles - 8260 List	Acetone	50	No sample collected this quarter; wells inaccessible due to ice/snow banks.	ND	ND	ND	5.0 JB	ND
	Benzene	1		ND	ND	ND	ND	ND
	Bromodichloromethane	50		ND	ND	ND	ND	ND
	Bromoform	50		ND	ND	ND	ND	ND
	Bromomethane	5		ND	ND	ND	ND	ND
	2-Butanone	50		ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10		ND	ND	ND	ND	ND
	Carbon Disulfide	5		ND	ND	ND	ND	ND
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND
	Chlorobenzene	5		ND	ND	ND	ND	ND
	Chloroethane	5		ND	ND	ND	ND	ND
	Chloroform	7		ND	ND	ND	ND	ND
	Chloromethane	5		ND	ND	ND	ND	ND
	Dibromochloromethane	50		ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6		ND	ND	ND	ND	ND
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND
	1,1-Dichloroethene	5		ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5		ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND
	Ethylbenzene	5		ND	ND	ND	ND	ND
	2-Hexanone	50		ND	ND	ND	ND	ND
	Methylene Chloride	5		ND	ND	ND	4.8 JB	12
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND
	Styrene	5		ND	ND	ND	ND	ND
	1,1,1,2-Tetrachloroethane	5		ND	ND	ND	ND	ND
	Tetrachloroethene	5		ND	ND	ND	ND	ND
	Toluene	5		ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5		ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND
	Trichloroethene	5		ND	ND	ND	ND	ND
	Vinyl Chloride	2		ND	ND	ND	ND	ND
	O-Xylene	5		ND	ND	ND	ND	ND
	M+P-Xylene	5		ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
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Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:		NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	3/29/2013	11/15/2013	5/30/2014	1/16/2015	9/9/2015	3/24/2016
			MW-4					
Volatiles - 8260 List	Acetone	50	ND	ND	ND	3	ND	2.9 B
	Benzene	1	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50	ND	ND	ND	1.2	ND	ND
	Bromoform	50	ND	ND	ND	ND	ND	ND
	Bromomethane	5	ND	ND	ND	ND	ND	ND
	2-Butanone	50	ND	ND	ND	0.23 J	ND	0.95
	Methyl-Tert-Butyl-Ether (MTBE)	10	ND	ND	ND	ND	ND	ND
	Carbon Disulfide	5	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND
	Chlorobenzene	5	ND	ND	ND	ND	ND	ND
	Chloroethane	5	ND	ND	ND	ND	ND	ND
	Chloroform	7	ND	ND	ND	4.9	ND	ND
	Chloromethane	5	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50	ND	ND	ND	0.22 J	ND	ND
	1,1-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5	ND	ND	0.24 J	ND	ND	ND
	cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND
	Ethylbenzene	5	ND	ND	ND	ND	ND	ND
	2-Hexanone	50	ND	ND	ND	ND	ND	0.24 J
	Methylene Chloride	5	ND	ND	1.0 JB	ND	ND	ND
	4-Methyl-2-Pentanone	5	ND	ND	ND	ND	ND	0.22 J
	Styrene	5	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5	ND	ND	ND	ND	ND	0.21 J
	Toluene	5	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND
	Trichloroethene	5	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2	ND	ND	ND	ND	ND	ND
	O-Xylene	5	ND	ND	ND	ND	ND	ND
	M+P-Xylene	5	ND	0.97 JB	ND	ND	ND	ND

NOTES:

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Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	8/30/2001	2/14/2002	5/30/2002	2/21/2003	5/21/2003	8/19/2003
				MW-5					
Volatiles - 8260 List	Acetone	50		ND	ND	ND	ND	ND	ND
	Benzene	1		3.7 J	4.8 J	ND	1	2	ND
	Bromodichloromethane	50		ND	ND	ND	ND	ND	ND
	Bromoform	50		ND	ND	ND	ND	ND	ND
	Bromomethane	5		ND	ND	ND	ND	ND	ND
	2-Butanone	50		ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10		44	12	3.8 J	4	3	2
	Carbon Disulfide	5		ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND	ND
	Chlorobenzene	5		ND	ND	ND	ND	ND	ND
	Chloroethane	5		ND	ND	ND	ND	ND	ND
	Chloroform	7		ND	ND	ND	ND	ND	ND
	Chloromethane	5		ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6		33	38	16	19	21	14
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5		4.4 J	4.6 J	ND	2	2	1
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	Ethylbenzene	5		ND	ND	ND	ND	ND	ND
	2-Hexanone	50		ND	ND	ND	ND	ND	ND
	Methylene Chloride	5		ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND	ND
	Styrene	5		ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5		2.8 J	3.4 J	1.1 J	2	1	ND
	Toluene	5		ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5		5.6	4.8 J	2.7 J	1	1	1
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	ND
	Trichloroethene	5		1.9 J	2.0 J	ND	ND	ND	ND
	Vinyl Chloride	2		2.3	1.4 J	ND	ND	ND	ND
	O-Xylene	5		ND	ND	ND	ND	ND	ND
	M+P-Xylene	5		ND	ND	ND	ND	ND	ND

NOTES:

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Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:		NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	11/18/2003	2/18/2004	5/19/2004	8/24/2004	11/16/2004	3/15/2005
			MW-5					
Volatiles - 8260 List	Acetone	50	ND	ND	ND	ND	ND	ND
	Benzene	1	ND	1	2	ND	ND	ND
	Bromodichloromethane	50	ND	ND	ND	ND	ND	ND
	Bromoform	50	ND	ND	ND	ND	ND	ND
	Bromomethane	5	ND	ND	ND	ND	ND	ND
	2-Butanone	50	ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10	1	ND	2	ND	ND	ND
	Carbon Disulfide	5	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND
	Chlorobenzene	5	ND	ND	ND	ND	ND	ND
	Chloroethane	5	ND	ND	ND	ND	ND	ND
	Chloroform	7	ND	ND	ND	ND	ND	ND
	Chloromethane	5	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6	19	22	23	6	13	9
	1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5	4	2	3	ND	3	2
	trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND
	Ethylbenzene	5	ND	ND	ND	ND	ND	ND
	2-Hexanone	50	ND	ND	ND	ND	ND	ND
	Methylene Chloride	5	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5	ND	ND	ND	ND	ND	ND
	Styrene	5	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5	2	2	3	ND	2	1
	Toluene	5	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5	1	1	1	ND	ND	ND
	1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND
	Trichloroethene	5	1	ND	2	ND	1	1
	Vinyl Chloride	2	ND	ND	ND	ND	ND	ND
	O-Xylene	5	ND	ND	ND	ND	ND	ND
	M+P-Xylene	5	ND	ND	ND	ND	ND	ND

NOTES:

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Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	6/7/2005	9/6/2005	1/5/2006	4/19/2006	7/1/2006	10/1/2006
				MW-5					
Volatiles - 8260 List	Acetone	50		ND	ND	ND	ND	ND	ND
	Benzene	1		ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50		ND	ND	ND	ND	ND	ND
	Bromoform	50		ND	ND	ND	ND	ND	ND
	Bromomethane	5		ND	ND	ND	ND	ND	ND
	2-Butanone	50		ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10		ND	ND	ND	ND	ND	ND
	Carbon Disulfide	5		ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND	ND
	Chlorobenzene	5		ND	ND	ND	ND	ND	ND
	Chloroethane	5		ND	ND	ND	ND	ND	ND
	Chloroform	7		ND	ND	ND	ND	ND	ND
	Chloromethane	5		ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6		11	8	7	16	8	10
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5		3	2	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	Ethylbenzene	5		ND	ND	ND	ND	ND	ND
	2-Hexanone	50		ND	ND	ND	ND	ND	ND
	Methylene Chloride	5		ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND	ND
	Styrene	5		ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5		1	ND	ND	ND	ND	ND
	Toluene	5		ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5		ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	ND
	Trichloroethene	5		ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2		ND	ND	ND	ND	ND	ND
	O-Xylene	5		ND	ND	ND	ND	ND	ND
	M+P-Xylene	5		ND	ND	ND	ND	ND	ND

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Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	1/1/2007	4/6/2007	7/5/2007	10/5/2007	1/7/2008	4/7/2008
				MW-5					
Volatiles - 8260 List	Acetone	50		ND	ND	ND	ND	ND	ND
	Benzene	1		ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50		ND	ND	ND	ND	ND	ND
	Bromoform	50		ND	ND	ND	ND	ND	ND
	Bromomethane	5		ND	ND	ND	ND	ND	ND
	2-Butanone	50		ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10		ND	ND	ND	ND	ND	ND
	Carbon Disulfide	5		ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND	ND
	Chlorobenzene	5		ND	ND	ND	ND	ND	ND
	Chloroethane	5		ND	ND	ND	ND	ND	ND
	Chloroform	7		ND	ND	ND	ND	ND	ND
	Chloromethane	5		ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6		8	ND	8	6	ND	ND
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	Ethylbenzene	5		ND	ND	ND	ND	ND	ND
	2-Hexanone	50		ND	ND	ND	ND	ND	ND
	Methylene Chloride	5		ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND	ND
	Styrene	5		ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5		ND	ND	ND	ND	ND	ND
	Toluene	5		ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5		ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	ND
	Trichloroethene	5		ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2		ND	ND	ND	ND	ND	ND
	O-Xylene	5		ND	ND	ND	ND	ND	ND
	M+P-Xylene	5		ND	ND	ND	ND	ND	ND

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Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	7/7/2008	10/31/2008	1/30/2009	4/22/2009	7/20/2009	10/22/2009
				MW-5					
Volatiles - 8260 List	Acetone	50		ND	ND	ND	ND	ND	ND
	Benzene	1		ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50		ND	ND	ND	ND	ND	ND
	Bromoform	50		ND	ND	ND	ND	ND	ND
	Bromomethane	5		ND	ND	ND	ND	ND	ND
	2-Butanone	50		ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10		ND	ND	ND	ND	ND	ND
	Carbon Disulfide	5		ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND	ND
	Chlorobenzene	5		ND	ND	ND	ND	ND	ND
	Chloroethane	5		ND	ND	ND	ND	ND	ND
	Chloroform	7		ND	ND	ND	ND	ND	ND
	Chloromethane	5		ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6		5	7	ND	ND	ND	ND
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	Ethylbenzene	5		ND	ND	ND	ND	ND	ND
	2-Hexanone	50		ND	ND	ND	ND	ND	ND
	Methylene Chloride	5		ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND	ND
	Styrene	5		ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5		ND	ND	ND	ND	ND	ND
	Toluene	5		ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5		ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	ND
	Trichloroethene	5		ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2		ND	ND	ND	ND	ND	ND
	O-Xylene	5		ND	ND	ND	ND	ND	ND
	M+P-Xylene	5		ND	ND	ND	ND	ND	ND

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Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:		NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	1/25/2010	4/23/2010	7/23/2010	11/15/2010
			MW-5			
Volatiles - 8260 List	Acetone	50	ND	4.6 JB	ND	ND
	Benzene	1	ND	ND	ND	ND
	Bromodichloromethane	50	ND	ND	ND	ND
	Bromoform	50	ND	ND	ND	ND
	Bromomethane	5	ND	ND	ND	ND
	2-Butanone	50	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10	ND	ND	ND	0.46 J
	Carbon Disulfide	5	ND	ND	ND	ND
	Carbon Tetrachloride	5	ND	ND	ND	ND
	Chlorobenzene	5	ND	ND	ND	ND
	Chloroethane	5	ND	ND	ND	ND
	Chloroform	7	ND	ND	ND	ND
	Chloromethane	5	ND	ND	ND	ND
	Dibromochloromethane	50	ND	ND	ND	ND
	1,1-Dichloroethane	0.6	ND	1.9 J	4.4 J	2.8 J
	1,2-Dichloroethane	0.6	ND	ND	ND	ND
	1,1-Dichloroethene	5	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5	ND	ND	1.5 J	1.1 J
	trans-1,2-Dichloroethene	5	ND	ND	ND	ND
	1,2-Dichloropropane	1	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5	ND	ND	ND	ND
	Ethylbenzene	5	ND	ND	ND	ND
	2-Hexanone	50	ND	ND	ND	ND
	Methylene Chloride	5	ND	4.9 JB	5.3 JB	ND
	4-Methyl-2-Pentanone	5	ND	ND	ND	ND
	Styrene	5	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
	Tetrachloroethene	5	ND	ND	ND	ND
	Toluene	5	ND	ND	ND	ND
	1,1,1-Trichloroethane	5	ND	ND	ND	ND
	1,1,2-Trichloroethane	1	ND	ND	ND	ND
	Trichloroethene	5	ND	ND	ND	ND
	Vinyl Chloride	2	ND	ND	ND	ND
	O-Xylene	5	ND	ND	ND	ND
	M+P-Xylene	5	ND	ND	ND	ND

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Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	2/7/2011	5/24/2011	9/8/2011	12/7/2011	3/7/2012	9/28/2012
				MW-5					
Volatiles - 8260 List	Acetone	50	No sample collected this quarter; wells inaccessible due to ice/snow banks.	ND	ND	ND	4.5 JB	65	
	Benzene	1		ND	ND	ND	ND	ND	
	Bromodichloromethane	50		ND	ND	ND	ND	ND	
	Bromoform	50		ND	ND	ND	ND	ND	
	Bromomethane	5		ND	ND	ND	ND	ND	
	2-Butanone	50		ND	ND	ND	ND	1.7 J	
	Methyl-Tert-Butyl-Ether (MTBE)	10		0.48 J	ND	0.50 J	ND	ND	
	Carbon Disulfide	5		ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND	
	Chlorobenzene	5		ND	ND	ND	ND	ND	
	Chloroethane	5		ND	ND	ND	ND	ND	
	Chloroform	7		ND	ND	ND	ND	ND	
	Chloromethane	5		ND	ND	ND	ND	ND	
	Dibromochloromethane	50		ND	ND	ND	ND	ND	
	1,1-Dichloroethane	0.6		2.3 J	2.8 J	1.8 J	1.2 J	2.1 J	
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	
	1,1-Dichloroethene	5		ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	5		1.0 J	1.3 J	ND	ND	0.94 J	
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND	
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	
	Ethylbenzene	5		ND	ND	ND	ND	ND	
	2-Hexanone	50		ND	ND	ND	ND	ND	
	Methylene Chloride	5		ND	ND	ND	5.0 JB	16	
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND	
	Styrene	5		ND	ND	ND	ND	ND	
	1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	
	Tetrachloroethene	5		ND	0.65 J	ND	ND	ND	
	Toluene	5		ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	5		ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	
	Trichloroethene	5		ND	ND	ND	ND	ND	
	Vinyl Chloride	2		ND	ND	ND	ND	ND	
	O-Xylene	5		ND	ND	ND	ND	ND	
	M+P-Xylene	5		ND	ND	ND	ND	ND	

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.

Table 1: Laboratory analytical data for onsite monitoring wells
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:			NYSDEC Part 703 Class GA Groundwater Standard (ug/L)	3/29/2013	11/15/2013	5/30/2014	1/16/2015	9/9/2015	3/24/2016
				MW-5					
Volatiles - 8260 List	Acetone	50		49	19	3.8	5.8	7.8	5.5 B
	Benzene	1		ND	ND	ND	ND	ND	ND
	Bromodichloromethane	50		ND	ND	ND	0.34 J	ND	ND
	Bromoform	50		ND	ND	ND	ND	ND	ND
	Bromomethane	5		ND	ND	ND	ND	ND	ND
	2-Butanone	50		ND	ND	ND	ND	ND	ND
	Methyl-Tert-Butyl-Ether (MTBE)	10		ND	0.83 J	0.40 J	0.24 J	0.53	0.47 J
	Carbon Disulfide	5		ND	ND	ND	ND	0.31 JB	ND
	Carbon Tetrachloride	5		ND	ND	ND	ND	ND	ND
	Chlorobenzene	5		ND	ND	ND	ND	ND	ND
	Chloroethane	5		ND	ND	ND	ND	ND	ND
	Chloroform	7		ND	ND	ND	1.6	ND	ND
	Chloromethane	5		ND	ND	ND	ND	ND	ND
	Dibromochloromethane	50		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.6		1.0 J	ND	ND	0.42 J	ND	ND
	1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	5		ND	1.8 J	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5		ND	ND	ND	ND	0.68	0.59
	trans-1,2-Dichloroethene	5		ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1		ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	5		ND	ND	ND	ND	ND	ND
	Ethylbenzene	5		ND	ND	ND	ND	ND	ND
	2-Hexanone	50		ND	ND	ND	ND	ND	ND
	Methylene Chloride	5		ND	ND	1.1 JB	ND	ND	ND
	4-Methyl-2-Pentanone	5		ND	ND	ND	ND	ND	ND
	Styrene	5		ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	ND
	Tetrachloroethene	5		ND	ND	ND	ND	ND	0.24 J
	Toluene	5		ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5		ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	ND
	Trichloroethene	5		ND	ND	ND	ND	ND	0.22 J
	Vinyl Chloride	2		ND	ND	ND	ND	ND	ND
	O-Xylene	5		ND	ND	ND	ND	ND	ND
	M+P-Xylene	5		ND	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	4/20/2009	7/20/2009	10/22/2009	1/25/2010	4/23/2010
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-RAW				
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	No Standard	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	80*	ND	ND	ND	ND	ND
Bromoform	80*	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	80*	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
Dibromochloromethane	80*	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	0.4 JB
Methyl tert-butyl ether (MTBE)	10	ND	ND	ND	ND	ND
Napthalene	No Standard	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-xylene	5	ND	ND	ND	ND	ND
p- & m-xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	7/23/2010	11/5/2010	2/7/2011	5/24/2011	9/8/2011
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-RAW				
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	No Standard	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	80*	ND	ND	ND	ND	ND
Bromoform	80*	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	80*	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
Dibromochloromethane	80*	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene Chloride	5	1.2 B	0.6 JB	0.4 JB	0.7 JB	0.5 JB
Methyl tert-butyl ether (MTBE)	10	1.7	1.6	1.7	1.9	1.8
Napthalene	No Standard	ND	ND	ND	ND	1.2 JB
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-xylene	5	ND	ND	ND	ND	ND
p- & m-xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	12/7/2011	3/7/2012	7/11/2012	9/28/2012	12/12/2012
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-RAW				
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	No Standard	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	80*	ND	ND	ND	ND	ND
Bromoform	80*	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	80*	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
Dibromochloromethane	80*	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	3.2 B	ND
Methyl tert-butyl ether (MTBE)	10	1.5	2.6	ND	1.7	1.5
Napthalene	No Standard	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-xylene	5	ND	ND	ND	ND	ND
p- & m-xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	3/29/2013	7/10/2013	11/15/2013	2/18/2014	5/30/2014
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-RAW				
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	No Standard	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	80*	ND	ND	ND	ND	ND
Bromoform	80*	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	80*	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
Dibromochloromethane	80*	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	10	1.3	1.5	1	1.6	1.2
Napthalene	No Standard	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-xylene	5	ND	ND	ND	ND	ND
p- & m-xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'I' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	1/16/2015	5/28/2015	9/9/2015	12/8/2015	3/24/2016
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-RAW				
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	No Standard	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	80*	ND	ND	1.4	ND	ND
Bromoform	80*	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	0.6	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	80*	1.3	ND	1.8	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
Dibromochloromethane	80*	ND	ND	1.7	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	10	1	1.2	ND	1.5	1.8
Napthalene	No Standard	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-xylene	5	ND	ND	ND	ND	ND
p- & m-xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	4/20/2009	7/20/2009	10/22/2009	1/25/2010	4/23/2010
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-KITCHEN				
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	No Standard	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	80*	ND	ND	ND	ND	ND
Bromoform	80*	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	80*	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
Dibromochloromethane	80*	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	0.3 JB
Methyl tert-butyl ether (MTBE)	10	ND	ND	ND	ND	ND
Napthalene	No Standard	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-xylene	5	ND	ND	ND	ND	ND
p- & m-xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	7/23/2010	11/5/2010	2/7/2011	5/24/2011	9/8/2011
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-KITCHEN				
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	No Standard	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	80*	ND	ND	ND	ND	ND
Bromoform	80*	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	80*	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
Dibromochloromethane	80*	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene Chloride	5	1.1 B	0.6 JB	0.4 JB	0.7 JB	0.5 JB
Methyl tert-butyl ether (MTBE)	10	ND	ND	ND	ND	ND
Napthalene	No Standard	ND	ND	ND	ND	0.2 JB
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-xylene	5	ND	ND	ND	ND	ND
p- & m-xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	0.1 J	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	12/7/2011	3/7/2012	7/11/2012	9/28/2012	12/12/2012
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-KITCHEN				
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	No Standard	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	80*	ND	ND	ND	ND	ND
Bromoform	80*	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	80*	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
Dibromochloromethane	80*	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	3.3 B	ND
Methyl tert-butyl ether (MTBE)	10	ND	ND	ND	ND	ND
Napthalene	No Standard	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-xylene	5	ND	ND	ND	ND	ND
p- & m-xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	3/29/2013	7/10/2013	11/15/2013	2/18/2014	5/30/2014
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-KITCHEN				
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	No Standard	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	80*	ND	ND	ND	ND	ND
Bromoform	80*	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	80*	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
Dibromochloromethane	80*	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	10	ND	ND	ND	ND	ND
Napthalene	No Standard	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-xylene	5	ND	ND	ND	ND	ND
p- & m-xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 2: Laboratory analytical data for the Halpin Residence
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

SAMPLE DATE:	NYSDOH Subpart 5-1 Drinking Water Standard (ug/L)	1/16/2015	5/28/2015	9/9/2015	12/8/2015	3/24/2016
Volatiles (EPA Method 502.2 List) - Results in ug/L		GT-HR-KITCHEN				
1,1,1,2-Tetrachloroethane	5	Sample broken in transit to the laboratory, unable to be analyzed. No data available for this sample event.	ND	ND	ND	ND
1,1,1-Trichloroethane	5		ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	5		ND	ND	ND	ND
1,1-Dichloroethane	5		ND	ND	ND	ND
1,1-Dichloroethylene	5		ND	ND	ND	ND
1,1-Dichloropropylene	5		ND	ND	ND	ND
1,2,3-Trichlorobenzene	5		ND	ND	ND	ND
1,2,3-Trichloropropane	5		ND	ND	ND	ND
1,2,3-Trimethylbenzene	No Standard		ND	ND	ND	ND
1,2,4-Trichlorobenzene	5		ND	ND	ND	ND
1,2,4-Trimethylbenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2		ND	ND	ND	ND
1,2-Dibromoethane	No Standard		ND	ND	ND	ND
1,2-Dichlorobenzene	5		ND	ND	ND	ND
1,2-Dichloroethane	5		ND	ND	ND	ND
1,2-Dichloroethylene (total)	5		ND	ND	ND	ND
1,2-Dichloropropane	5		ND	ND	ND	ND
1,3,5-Trimethylbenzene	5		ND	ND	ND	ND
1,3-Dichlorobenzene	5		ND	ND	ND	ND
1,3-Dichloropropane	5		ND	ND	ND	ND
1,3-Dichloropropylene	5		ND	ND	ND	ND
1,4-Dichlorobenzene	5		ND	ND	ND	ND
2,2-Dichloropropane	5		ND	ND	ND	ND
2-Chlorotoluene	5		ND	ND	ND	ND
4-Chlorotoluene	5		ND	ND	ND	ND
Benzene	5		ND	ND	ND	ND
Bromobenzene	5		ND	ND	ND	ND
Bromochloromethane	5		ND	ND	ND	ND
Bromodichloromethane	80*		ND	ND	ND	ND
Bromoform	80*		ND	ND	ND	ND
Bromomethane	5		ND	ND	ND	ND
Carbon tetrachloride	5		ND	ND	ND	ND
Chlorobenzene	5		ND	ND	ND	ND
Chloroethane	5		ND	ND	ND	ND
Chloroform	80*		ND	ND	ND	ND
Chloromethane	5		ND	ND	ND	ND
Dibromochloromethane	80*		ND	ND	ND	ND
Dibromomethane	5		ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5		ND	ND	ND	ND
Hexachlorobutadiene	5		ND	ND	ND	ND
Isopropylbenzene	5		ND	ND	ND	ND
Methylene Chloride	5		ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	10		ND	1.3	ND	ND
Napthalene	No Standard		ND	ND	ND	ND
n-Butylbenzene	5		ND	ND	ND	ND
n-Propylbenzene	5		ND	ND	ND	ND
o-xylene	5		ND	ND	ND	ND
p- & m-xylenes	5		ND	ND	ND	ND
p-Isopropyltoluene	5		ND	ND	ND	ND
sec-butylbenzene	5		ND	ND	ND	ND
Styrene	5		ND	ND	ND	ND
tert-Butylbenzene	5		ND	ND	ND	ND
Tetrachloroethylene	5		ND	ND	ND	ND
Toluene	5		ND	ND	ND	ND
Trichloroethylene	5		ND	ND	ND	ND
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl Chloride	2		ND	ND	ND	ND

NOTES:

- 1) Compounds detected in exceedence of TOGS 1.1.1 groundwater standards are shaded
- 2) The flag 'J' denotes that this compound is present, but at a concentration below the MDL.
The noted concentration is therefore an estimate.
- 3) The flag 'B' denotes a compound also identified in the method blank.
These compounds likely represent laboratory artifacts.
- 4) This standard applies to the sum of these compounds.

Table 3: Indoor Air Quality Sampling Results in New DCH Wappingers Falls Toyota Showroom
Former Greer Property
U.S. Route 9, Town of Wappinger, Dutchess County, New York

Sample Date		12/2/2015
NYSDOH Matrix Indoor Air Matrix	Analyte	GT-SHOWROOM-IA
		ug/m3
Matrix 1	Carbon tetrachloride	0.28 J
	Trichloroethylene	< 0.2
	Vinyl Chloride	< 0.07
Matrix 2	1,1,1-Trichloroethane	< 0.1
	1,1-Dichloroethylene	< 0.2
	cis-1,2-Dichloroethylene	< 0.09
	Tetrachloroethylene	1.0 J

Notes:

- NYSDOH Matrix 1 Least Restrictive Action Level: 0.25 ug/m³ for Indoor Air; Most Restrictive Action Level: 5 ug/m3 and ab
- NYSDOH Matrix 2 Least Restrictive Action Level: less than 3 ug/m³; Most Restrictive Action Level: 100 ug/m3 and above fc
- ug/m³=Micrograms per cubic meter

**Appendix A: 2015 PRR IC/EC Certification
Forms**



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. 314088

Site Name Greer Toyota

Site Address: 1349 ROUTE 9 Zip Code: 12590
City/Town: Wappingers Falls
County: Dutchess
Site Acreage: 2.2

Reporting Period: January 01, 2015 to January 01, 2016

- | | 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? | ☒ | ☐ |
| SEE ATTACHED REPORT | | |
| 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

Date

SITE NO. 314088

Box 3

Description of Institutional Controls

Parcel

Owner

Institutional Control

615.702-585-060

Cynthia Greer

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

The property's Institutional Controls are required to implement, maintain and monitor the site's Engineering Controls. The Deed Restriction will require compliance with the following Institutional Controls:

1. Use of groundwater underlying the Property is prohibited without treatment rendering it safe for the intended use;
2. All future activities on the Property that would disturb remaining contaminated material in the SMA must be conducted in accordance with the Excavation Plan included in this SMP;
3. The potential for vapor intrusion must be evaluated for any buildings developed on the Property above the SMA, and any potential impacts that are identified above regulatory thresholds must be mitigated;
4. The property may be used for restricted commercial or industrial use as defined in 6 NYCRR Part 375, provided that the long-term Engineering and Institutional Controls described in the SMP remain in use.

Box 4

Description of Engineering Controls

Parcel

Engineering Control

615.702-585-060

Vapor Mitigation
Cover System

Property has the following Engineering Controls:

1. a cover system consisting of asphalt pavement and/or concrete building slab;

~~2. an SVE system in the former source area within the SMA.~~

NO LONGER PRESENT.

DECOMMISSIONED WITH
NYSDEC APPROVAL 11/2012.

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 complete.

YES NO

☒ ☐

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

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

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

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

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

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

YES NO

☒ ☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 314088

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 CYNTHIA GREER at 16 Bannerman View DR.
print name print business address

am certifying as Designated Representative (Owner or Remedial Party)

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

Cynthia Greer V.P.
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

6-8-16
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Russell Urban Maza at THE CHAPEN COMPANIES, 21 FOX ST., POUGHKEEPSIE,
print name print business address NY 12601

am certifying as a Qualified Environmental Professional for the REMEDIAL PARTY
(Owner or Remedial Party)



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

Stamp
(Required for PE)

June 10, 2016
Date

Appendix B: Laboratory Analytical Reports

Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 04/08/2013

Client Project ID: 40702.00 Greer Toyota

York Project (SDG) No.: 13D0076

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/08/2013
Client Project ID: 40702.00 Greer Toyota
York Project (SDG) No.: 13D0076

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 01, 2013 and listed below. The project was identified as your project: **40702.00 Greer Toyota**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13D0076-01	GT-MW-4	Water	03/29/2013	04/01/2013
13D0076-02	GT-MW-5	Water	03/29/2013	04/01/2013
13D0076-03	GT-HR-RAW	Drinking Water	03/29/2013	04/01/2013
13D0076-04	GT-HR-KITCHEN	Drinking Water	03/29/2013	04/01/2013

General Notes for York Project (SDG) No.: 13D0076

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Robert Q. Bradley
Laboratory Director

Date: 04/08/2013

YORK

Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 13D0076-01

York Project (SDG) No.

13D0076

Client Project ID

40702.00 Greer Toyota

Matrix

Water

Collection Date/Time

March 29, 2013 1:05 pm

Date Received

04/01/2013

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS

Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 13D0076-01

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Water

Collection Date/Time
March 29, 2013 1:05 pm

Date Received
04/01/2013

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 15:49	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.2 %	81.2-127								

Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 13D0076-02

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Water

Collection Date/Time
March 29, 2013 12:50 pm

Date Received
04/01/2013

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS

Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 13D0076-02

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Water

Collection Date/Time
March 29, 2013 12:50 pm

Date Received
04/01/2013

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	1.0	J	ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
67-64-1	Acetone	49		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS

Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 13D0076-02

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Water

Collection Date/Time
March 29, 2013 12:50 pm

Date Received
04/01/2013

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	04/05/2013 08:50	04/05/2013 16:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.8 %	81.2-127								

Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 13D0076-03

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 29, 2013 10:15 am

Date Received
04/01/2013

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
75-25-2	Bromoform	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS

Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 13D0076-03

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 29, 2013 10:15 am

Date Received
04/01/2013

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
75-00-3	Chloroethane	ND		ug/L	0.09	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
67-66-3	Chloroform	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
74-87-3	Chloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.5	2.0	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.2	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	1.3		ug/L	0.5	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
75-09-2	Methylene chloride	ND		ug/L	0.3	2.0	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
91-20-3	Naphthalene	ND		ug/L	0.09	2.0	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS

Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 13D0076-03

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 29, 2013 10:15 am

Date Received
04/01/2013

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
108-88-3	Toluene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.1	2.0	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	2.0	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.02	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
526-73-8	1,2,3-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
95-47-6	o-Xylene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.09	1.0	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.1	1.5	1	EPA 524.2	04/02/2013 16:35	04/02/2013 23:50	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	70-130								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	70-130								
2037-26-5	Surrogate: Toluene-d8	104 %	70-130								

Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 13D0076-04

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 29, 2013 10:25 am

Date Received
04/01/2013

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS

Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 13D0076-04

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 29, 2013 10:25 am

Date Received
04/01/2013

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
75-25-2	Bromoform	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
75-00-3	Chloroethane	ND		ug/L	0.09	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
67-66-3	Chloroform	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
74-87-3	Chloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.5	2.0	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.2	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS

Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 13D0076-04

York Project (SDG) No.
13D0076

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 29, 2013 10:25 am

Date Received
04/01/2013

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.5	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
75-09-2	Methylene chloride	ND		ug/L	0.3	2.0	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
91-20-3	Naphthalene	ND		ug/L	0.09	2.0	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
100-42-5	Styrene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
108-88-3	Toluene	ND		ug/L	0.04	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.1	2.0	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	2.0	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.02	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
526-73-8	1,2,3-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.06	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
95-47-6	o-Xylene	ND		ug/L	0.05	0.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.09	1.0	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.1	1.5	1	EPA 524.2	04/02/2013 16:35	04/03/2013 00:26	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	70-130								
460-00-4	Surrogate: p-Bromofluorobenzene	115 %	70-130								
2037-26-5	Surrogate: Toluene-d8	105 %	70-130								

Analytical Batch Summary

Batch ID: BD30095

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13D0076-03	GT-HR-RAW	04/02/13
13D0076-04	GT-HR-KITCHEN	04/02/13
BD30095-BLK1	Blank	04/02/13
BD30095-BS1	LCS	04/02/13
BD30095-BSD1	LCS Dup	04/02/13

Batch ID: BD30259

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13D0076-01	GT-MW-4	04/05/13
13D0076-02	GT-MW-5	04/05/13
BD30259-BLK1	Blank	04/05/13
BD30259-BS1	LCS	04/05/13
BD30259-BSD1	LCS Dup	04/05/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD30259 - EPA 5030B

Blank (BD30259-BLK1)

Prepared & Analyzed: 04/05/2013

1,1,1-Trichloroethane	ND	5.0	ug/L								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	10	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	52.6		"	50.0		105	72.6-129				
Surrogate: p-Bromofluorobenzene	49.8		"	50.0		99.5	63.5-145				
Surrogate: Toluene-d8	50.4		"	50.0		101	81.2-127				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30259 - EPA 5030B											
Blank (BD30259-BLK1)						Prepared & Analyzed: 04/05/2013					
LCS (BD30259-BS1)						Prepared & Analyzed: 04/05/2013					
1,1,1-Trichloroethane	43		ug/L	50.0		85.7	75.6-137				
1,1,2,2-Tetrachloroethane	48		"	50.0		96.5	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35		"	50.0		70.2	71.1-129	Low Bias			
1,1,2-Trichloroethane	45		"	50.0		89.8	74.5-129				
1,1-Dichloroethane	43		"	50.0		86.1	79.6-132				
1,1-Dichloroethylene	36		"	50.0		71.1	80.2-146	Low Bias			
1,2,4-Trichlorobenzene	50		"	50.0		99.3	70.6-136				
1,2,4-Trimethylbenzene	46		"	50.0		92.1	70-130				
1,2-Dibromo-3-chloropropane	59		"	50.0		119	58.9-140				
1,2-Dibromoethane	46		"	50.0		91.2	79-130				
1,2-Dichloroethane	45		"	50.0		90.8	74.6-132				
1,2-Dichloropropane	44		"	50.0		88.6	76.9-129				
1,3,5-Trimethylbenzene	45		"	50.0		90.9	70-130				
2-Butanone	46		"	50.0		91.2	66.7-132				
2-Hexanone	47		"	50.0		93.7	68.1-137				
4-Methyl-2-pentanone	34		"	50.0		67.8	62.2-130				
Acetone	36		"	50.0		71.5	15-186				
Benzene	43		"	50.0		86.3	76.2-129				
Bromodichloromethane	45		"	50.0		89.2	79.7-134				
Bromoform	49		"	50.0		97.7	70.5-141				
Bromomethane	31		"	50.0		61.3	43.9-147				
Carbon disulfide	67		"	100		66.9	64-123				
Carbon tetrachloride	43		"	50.0		85.4	78.1-138				
Chlorobenzene	44		"	50.0		88.7	80.4-125				
Chloroethane	35		"	50.0		70.1	55.8-140				
Chloroform	44		"	50.0		87.4	76.6-133				
Chloromethane	25		"	50.0		50.9	48.8-115				
cis-1,2-Dichloroethylene	42		"	50.0		84.2	75.1-128				
cis-1,3-Dichloropropylene	46		"	50.0		93.0	74.5-128				
Dibromochloromethane	48		"	50.0		95.8	79.8-134				
Dichlorodifluoromethane	16		"	50.0		31.3	47.1-101	Low Bias			
Ethyl Benzene	45		"	50.0		89.8	80.8-128				
Isopropylbenzene	45		"	50.0		90.9	75.5-135				
Methyl tert-butyl ether (MTBE)	39		"	50.0		78.8	65.1-140				
Methylene chloride	41		"	50.0		82.8	61.3-120				
Naphthalene	49		"	50.0		98.5	70-130				
n-Butylbenzene	47		"	50.0		93.4	70-130				
n-Propylbenzene	46		"	50.0		92.4	70-130				
o-Xylene	44		"	50.0		88.0	75.9-122				
p- & m- Xylenes	91		"	100		91.1	77.7-127				
sec-Butylbenzene	47		"	50.0		94.3	70-130				
Styrene	46		"	50.0		91.3	77.8-123				
tert-Butylbenzene	47		"	50.0		94.6	70-130				
Tetrachloroethylene	39		"	50.0		78.2	63.6-167				
Toluene	43		"	50.0		85.5	77-123				
trans-1,2-Dichloroethylene	41		"	50.0		82.4	76.3-139				
trans-1,3-Dichloropropylene	46		"	50.0		92.2	72.5-137				
Trichloroethylene	42		"	50.0		84.8	77.9-130				
Trichlorofluoromethane	38		"	50.0		75.0	57.4-133				
Vinyl Chloride	28		"	50.0		55.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	51.7		"	50.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	50.7		"	50.0		101	63.5-145				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30259 - EPA 5030B											
LCS (BD30259-BS1)						Prepared & Analyzed: 04/05/2013					
Surrogate: Toluene-d8	50.0		ug/L	50.0		100	81.2-127				
LCS Dup (BD30259-BSD1)						Prepared & Analyzed: 04/05/2013					
1,1,1-Trichloroethane	48		ug/L	50.0		95.2	75.6-137		10.5	19.7	
1,1,2,2-Tetrachloroethane	53		"	50.0		105	71.3-131		8.59	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37		"	50.0		74.0	71.1-129		5.24	21.7	
1,1,2-Trichloroethane	51		"	50.0		102	74.5-129		12.5	20.3	
1,1-Dichloroethane	48		"	50.0		95.8	79.6-132		10.7	20.6	
1,1-Dichloroethylene	37		"	50.0		74.3	80.2-146	Low Bias	4.46	20	
1,2,4-Trichlorobenzene	53		"	50.0		105	70.6-136		5.75	21.7	
1,2,4-Trimethylbenzene	51		"	50.0		101	70-130		9.53	30	
1,2-Dibromo-3-chloropropane	67		"	50.0		134	58.9-140		12.1	27.7	
1,2-Dibromoethane	50		"	50.0		100	79-130		9.44	23	
1,2-Dichloroethane	49		"	50.0		98.2	74.6-132		7.85	20.2	
1,2-Dichloropropane	50		"	50.0		99.8	76.9-129		12.0	20.7	
1,3,5-Trimethylbenzene	51		"	50.0		102	70-130		11.2	30	
2-Butanone	47		"	50.0		93.1	66.7-132		1.98	22	
2-Hexanone	52		"	50.0		104	68.1-137		10.5	20.5	
4-Methyl-2-pentanone	37		"	50.0		74.0	62.2-130		8.63	18	
Acetone	35		"	50.0		70.4	15-186		1.52	57	
Benzene	48		"	50.0		95.9	76.2-129		10.5	19	
Bromodichloromethane	51		"	50.0		102	79.7-134		13.0	21	
Bromoform	55		"	50.0		110	70.5-141		11.9	21.8	
Bromomethane	29		"	50.0		57.8	43.9-147		5.84	28.4	
Carbon disulfide	67		"	100		67.3	64-123		0.581	20	
Carbon tetrachloride	48		"	50.0		95.1	78.1-138		10.7	20.1	
Chlorobenzene	50		"	50.0		100	80.4-125		11.9	19.9	
Chloroethane	36		"	50.0		71.1	55.8-140		1.39	23.3	
Chloroform	49		"	50.0		98.7	76.6-133		12.2	20.3	
Chloromethane	22		"	50.0		45.0	48.8-115	Low Bias	12.2	24.5	
cis-1,2-Dichloroethylene	48		"	50.0		95.3	75.1-128		12.4	20.5	
cis-1,3-Dichloropropylene	52		"	50.0		104	74.5-128		11.4	19.9	
Dibromochloromethane	54		"	50.0		107	79.8-134		11.4	21.3	
Dichlorodifluoromethane	11		"	50.0		21.4	47.1-101	Low Bias	37.5	23.9	Non-dir.
Ethyl Benzene	51		"	50.0		102	80.8-128		12.5	19.2	
Isopropylbenzene	51		"	50.0		101	75.5-135		11.0	20	
Methyl tert-butyl ether (MTBE)	26		"	50.0		51.4	65.1-140	Low Bias	42.2	23.6	Non-dir.
Methylene chloride	44		"	50.0		88.8	61.3-120		6.99	20.4	
Naphthalene	52		"	50.0		104	70-130		5.40	30	
n-Butylbenzene	52		"	50.0		104	70-130		10.5	30	
n-Propylbenzene	51		"	50.0		103	70-130		10.5	30	
o-Xylene	49		"	50.0		98.7	75.9-122		11.4	19.3	
p- & m- Xylenes	100		"	100		101	77.7-127		10.1	18.6	
sec-Butylbenzene	53		"	50.0		106	70-130		11.6	30	
Styrene	51		"	50.0		102	77.8-123		11.4	20.9	
tert-Butylbenzene	52		"	50.0		105	70-130		10.4	30	
Tetrachloroethylene	47		"	50.0		94.0	63.6-167		18.4	27.7	
Toluene	49		"	50.0		97.4	77-123		13.0	18.7	
trans-1,2-Dichloroethylene	47		"	50.0		93.1	76.3-139		12.1	19.5	
trans-1,3-Dichloropropylene	51		"	50.0		102	72.5-137		9.70	19.3	
Trichloroethylene	48		"	50.0		95.1	77.9-130		11.4	20.5	
Trichlorofluoromethane	36		"	50.0		72.2	57.4-133		3.83	21.4	
Vinyl Chloride	25		"	50.0		50.8	54.9-124	Low Bias	9.56	22.3	
Surrogate: 1,2-Dichloroethane-d4	51.4		"	50.0		103	72.6-129				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD30259 - EPA 5030B

LCS Dup (BD30259-BSD1)

Prepared & Analyzed: 04/05/2013

Surrogate: <i>p</i> -Bromofluorobenzene	50.8		ug/L	50.0		102	63.5-145				
Surrogate: Toluene- <i>d</i> 8	50.3		"	50.0		101	81.2-127				

Volatile Organic Compounds by EPA Method 524.2 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD30095 - EPA 5030B

Blank (BD30095-BLK1)

Prepared & Analyzed: 04/02/2013

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
Dibromochloromethane	ND	0.5	"
1,2-Dibromoethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"
p-Isopropyltoluene	ND	0.5	"
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,1,1-Trichloroethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.5	"
Trichloroethylene	ND	0.5	"
Trichlorofluoromethane	ND	0.5	"

Volatile Organic Compounds by EPA Method 524.2 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30095 - EPA 5030B											
Blank (BD30095-BLK1)						Prepared & Analyzed: 04/02/2013					
1,2,3-Trichloropropane	ND	0.5	ug/L								
1,2,3-Trimethylbenzene	ND	0.5	"								
1,3,5-Trimethylbenzene	ND	0.5	"								
1,2,4-Trimethylbenzene	ND	0.5	"								
Vinyl Chloride	ND	0.5	"								
o-Xylene	ND	0.5	"								
p- & m- Xylenes	ND	1.0	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>70-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11</i>		<i>"</i>	<i>10.0</i>		<i>113</i>	<i>70-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>70-130</i>				
LCS (BD30095-BS1)						Prepared & Analyzed: 04/02/2013					
Benzene	7.9		ug/L	10.0		78.8	70-130				
Bromobenzene	9.3		"	10.0		92.8	70-130				
Bromochloromethane	8.4		"	10.0		83.6	70-130				
Bromodichloromethane	8.8		"	10.0		87.9	70-130				
Bromoform	10		"	10.0		102	70-130				
Bromomethane	6.5		"	10.0		64.7	70-130	Low Bias			
tert-Butylbenzene	8.7		"	10.0		86.9	70-130				
n-Butylbenzene	7.8		"	10.0		78.3	70-130				
sec-Butylbenzene	8.3		"	10.0		83.3	70-130				
Carbon tetrachloride	7.9		"	10.0		78.7	70-130				
Chlorobenzene	8.3		"	10.0		82.8	70-130				
Chloroethane	7.5		"	10.0		75.1	70-130				
Chloroform	8.4		"	10.0		83.8	70-130				
Chloromethane	7.2		"	10.0		72.0	70-130				
2-Chlorotoluene	8.6		"	10.0		85.7	70-130				
4-Chlorotoluene	8.7		"	10.0		87.3	70-130				
1,2-Dibromo-3-chloropropane	15		"	10.0		150	70-130	High Bias			
Dibromochloromethane	9.2		"	10.0		92.0	70-130				
1,2-Dibromoethane	8.9		"	10.0		88.7	70-130				
Dibromomethane	10		"	10.0		103	70-130				
1,2-Dichlorobenzene	9.0		"	10.0		90.2	70-130				
1,4-Dichlorobenzene	8.7		"	10.0		87.3	70-130				
1,3-Dichlorobenzene	8.7		"	10.0		87.0	70-130				
Dichlorodifluoromethane	6.8		"	10.0		67.8	70-130	Low Bias			
1,2-Dichloroethane	8.4		"	10.0		83.8	70-130				
1,1-Dichloroethane	8.1		"	10.0		80.8	70-130				
trans-1,2-Dichloroethylene	7.4		"	10.0		74.1	70-130				
cis-1,2-Dichloroethylene	8.1		"	10.0		80.6	70-130				
1,1-Dichloroethylene	7.1		"	10.0		70.9	70-130				
1,2-Dichloropropane	8.1		"	10.0		81.4	70-130				
2,2-Dichloropropane	7.1		"	10.0		71.1	70-130				
1,3-Dichloropropane	8.5		"	10.0		85.1	70-130				
cis-1,3-Dichloropropylene	9.1		"	10.0		91.2	70-130				
1,1-Dichloropropylene	7.2		"	10.0		71.5	70-130				
trans-1,3-Dichloropropylene	9.0		"	10.0		90.1	70-130				
Ethyl Benzene	8.3		"	10.0		83.1	70-130				
Hexachlorobutadiene	8.2		"	10.0		81.7	70-130				
Isopropylbenzene	8.3		"	10.0		83.0	70-130				
p-Isopropyltoluene	8.4		"	10.0		83.5	70-130				
Methyl tert-butyl ether (MTBE)	9.3		"	10.0		93.3	70-130				
Methylene chloride	8.2		"	10.0		82.3	70-130				

Volatile Organic Compounds by EPA Method 524.2 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30095 - EPA 5030B											
LCS (BD30095-BS1)						Prepared & Analyzed: 04/02/2013					
Naphthalene	10		ug/L	10.0		104	70-130				
n-Propylbenzene	8.3		"	10.0		83.3	70-130				
Styrene	8.3		"	10.0		82.7	70-130				
1,1,1,2-Tetrachloroethane	8.6		"	10.0		85.5	70-130				
1,1,2,2-Tetrachloroethane	10		"	10.0		103	70-130				
Tetrachloroethylene	7.5		"	10.0		75.1	70-130				
Toluene	8.1		"	10.0		80.7	70-130				
1,2,4-Trichlorobenzene	9.5		"	10.0		94.7	70-130				
1,2,3-Trichlorobenzene	9.6		"	10.0		96.2	70-130				
1,1,1-Trichloroethane	7.7		"	10.0		77.0	70-130				
1,1,2-Trichloroethane	8.7		"	10.0		87.4	70-130				
Trichloroethylene	7.4		"	10.0		73.6	70-130				
Trichlorofluoromethane	7.6		"	10.0		76.3	70-130				
1,2,3-Trichloropropane	12		"	10.0		117	70-130				
1,2,3-Trimethylbenzene	ND	0.5	"				70-130				
1,3,5-Trimethylbenzene	8.2		"	10.0		82.5	70-130				
1,2,4-Trimethylbenzene	8.5		"	10.0		84.8	70-130				
Vinyl Chloride	6.7		"	10.0		67.3	70-130	Low Bias			
o-Xylene	8.0		"	10.0		79.7	70-130				
p- & m- Xylenes	16		"	20.0		82.4	70-130				
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		104	70-130				
Surrogate: p-Bromofluorobenzene	11		"	10.0		109	70-130				
Surrogate: Toluene-d8	10		"	10.0		105	70-130				
LCS Dup (BD30095-BS1)						Prepared & Analyzed: 04/02/2013					
Benzene	7.4		ug/L	10.0		74.3	70-130		5.88	30	
Bromobenzene	8.5		"	10.0		85.1	70-130		8.66	30	
Bromochloromethane	8.2		"	10.0		82.2	70-130		1.69	30	
Bromodichloromethane	8.4		"	10.0		84.0	70-130		4.54	30	
Bromoform	9.6		"	10.0		96.3	70-130		5.26	30	
Bromomethane	6.1		"	10.0		60.8	70-130	Low Bias	6.22	30	
tert-Butylbenzene	7.6		"	10.0		75.6	70-130		13.9	30	
n-Butylbenzene	7.1		"	10.0		71.4	70-130		9.22	30	
sec-Butylbenzene	7.4		"	10.0		73.6	70-130		12.4	30	
Carbon tetrachloride	7.1		"	10.0		70.9	70-130		10.4	30	
Chlorobenzene	8.0		"	10.0		79.8	70-130		3.69	30	
Chloroethane	7.2		"	10.0		72.1	70-130		4.08	30	
Chloroform	7.8		"	10.0		77.6	70-130		7.68	30	
Chloromethane	6.9		"	10.0		68.9	70-130	Low Bias	4.40	30	
2-Chlorotoluene	7.6		"	10.0		76.1	70-130		11.9	30	
4-Chlorotoluene	8.0		"	10.0		79.8	70-130		8.98	30	
1,2-Dibromo-3-chloropropane	13		"	10.0		130	70-130		14.3	30	
Dibromochloromethane	9.3		"	10.0		92.7	70-130		0.758	30	
1,2-Dibromoethane	9.5		"	10.0		94.7	70-130		6.54	30	
Dibromomethane	10		"	10.0		99.6	70-130		3.45	30	
1,2-Dichlorobenzene	8.6		"	10.0		85.5	70-130		5.35	30	
1,4-Dichlorobenzene	8.3		"	10.0		83.1	70-130		4.93	30	
1,3-Dichlorobenzene	7.8		"	10.0		77.7	70-130		11.3	30	
Dichlorodifluoromethane	6.0		"	10.0		60.2	70-130	Low Bias	11.9	30	
1,2-Dichloroethane	8.6		"	10.0		86.3	70-130		2.94	30	
1,1-Dichloroethane	7.6		"	10.0		76.5	70-130		5.47	30	
trans-1,2-Dichloroethylene	6.9		"	10.0		68.6	70-130	Low Bias	7.71	30	
cis-1,2-Dichloroethylene	7.6		"	10.0		76.1	70-130		5.74	30	
1,1-Dichloroethylene	6.4		"	10.0		63.8	70-130	Low Bias	10.5	30	

Volatile Organic Compounds by EPA Method 524.2 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit			Result		Limits			Limit	
Batch BD30095 - EPA 5030B											
LCS Dup (BD30095-BSD1)				Prepared & Analyzed: 04/02/2013							
1,2-Dichloropropane	7.9		ug/L	10.0		79.4	70-130		2.49	30	
2,2-Dichloropropane	6.6		"	10.0		65.9	70-130	Low Bias	7.59	30	
1,3-Dichloropropane	8.7		"	10.0		87.4	70-130		2.67	30	
cis-1,3-Dichloropropylene	8.7		"	10.0		87.3	70-130		4.37	30	
1,1-Dichloropropylene	6.9		"	10.0		69.3	70-130	Low Bias	3.12	30	
trans-1,3-Dichloropropylene	9.0		"	10.0		89.9	70-130		0.222	30	
Ethyl Benzene	7.7		"	10.0		77.2	70-130		7.36	30	
Hexachlorobutadiene	7.5		"	10.0		75.4	70-130		8.02	30	
Isopropylbenzene	7.5		"	10.0		74.7	70-130		10.5	30	
p-Isopropyltoluene	7.3		"	10.0		72.7	70-130		13.8	30	
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		95.2	70-130		2.02	30	
Methylene chloride	8.1		"	10.0		80.7	70-130		1.96	30	
Naphthalene	10		"	10.0		102	70-130		2.23	30	
n-Propylbenzene	7.3		"	10.0		72.6	70-130		13.7	30	
Styrene	8.1		"	10.0		80.7	70-130		2.45	30	
1,1,1,2-Tetrachloroethane	7.9		"	10.0		78.9	70-130		8.03	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		102	70-130		0.881	30	
Tetrachloroethylene	6.9		"	10.0		68.8	70-130	Low Bias	8.76	30	
Toluene	7.6		"	10.0		75.7	70-130		6.39	30	
1,2,4-Trichlorobenzene	8.8		"	10.0		88.0	70-130		7.33	30	
1,2,3-Trichlorobenzene	9.4		"	10.0		93.9	70-130		2.42	30	
1,1,1-Trichloroethane	7.0		"	10.0		70.4	70-130		8.96	30	
1,1,2-Trichloroethane	9.1		"	10.0		91.4	70-130		4.47	30	
Trichloroethylene	7.5		"	10.0		75.1	70-130		2.02	30	
Trichlorofluoromethane	7.0		"	10.0		69.5	70-130	Low Bias	9.33	30	
1,2,3-Trichloropropane	11		"	10.0		112	70-130		4.71	30	
1,2,3-Trimethylbenzene	ND	0.5	"				70-130			30	
1,3,5-Trimethylbenzene	7.2		"	10.0		72.2	70-130		13.3	30	
1,2,4-Trimethylbenzene	7.8		"	10.0		77.8	70-130		8.61	30	
Vinyl Chloride	6.0		"	10.0		59.8	70-130	Low Bias	11.8	30	
o-Xylene	7.7		"	10.0		77.1	70-130		3.32	30	
p- & m- Xylenes	15		"	20.0		77.2	70-130		6.46	30	
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		105	70-130				
Surrogate: p-Bromofluorobenzene	10		"	10.0		99.9	70-130				
Surrogate: Toluene-d8	10		"	10.0		101	70-130				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13D0076-01	GT-MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0076-02	GT-MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0076-03	GT-HR-RAW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0076-04	GT-HR-KITCHEN	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13D0076

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables			
Company: CHAREN	Company: CHAREN	Company: CHAREN	Company: CHAREN	Company: CHAREN	Company: CHAREN	40702.00	40702.00	RUSH - Same Day	Summary Report	Summary Report	Summary w/ QA Summary		
Address:	Address:	Address:	Address:	Address:	Address:	Greer Toyota	Greer Toyota	RUSH - Next Day	CT RCP Package	CT RCP Package	CT RCP Package		
Phone No.	Phone No.	Phone No.	Phone No.	Phone No.	Phone No.			RUSH - Two Day	NY ASP A Package	NY ASP A Package	NY ASP A Package		
Attention:	Attention:	Attention:	Attention:	Attention:	Attention:			RUSH - Three Day	NY ASP B Package	NY ASP B Package	NY ASP B Package		
E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:			RUSH - Four Day	Electronic Deliverables:	Electronic Deliverables:	Electronic Deliverables:		
Contact Person: ERIC ORLOWSKI	Contact Person: ERIC ORLOWSKI	Contact Person: ERIC ORLOWSKI	Contact Person: ERIC ORLOWSKI	Contact Person: ERIC ORLOWSKI	Contact Person: ERIC ORLOWSKI			Standard(5-7 Days)	EDD (Specify Type)	EDD (Specify Type)	EDD (Specify Type)		
Samples from: CT NY NJ		Samples from: CT NY NJ		Samples from: CT NY NJ		Samples from: CT NY NJ		Samples from: CT NY NJ		Samples from: CT NY NJ			
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.		Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.		Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.		Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.		Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.		Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.			
Samples Collected/Authorized By (Signature) Eric Orłowski		Samples Collected/Authorized By (Signature) Eric Orłowski		Samples Collected/Authorized By (Signature) Eric Orłowski		Samples Collected/Authorized By (Signature) Eric Orłowski		Samples Collected/Authorized By (Signature) Eric Orłowski		Samples Collected/Authorized By (Signature) Eric Orłowski			
Name (printed) Eric Orłowski		Name (printed) Eric Orłowski		Name (printed) Eric Orłowski		Name (printed) Eric Orłowski		Name (printed) Eric Orłowski		Name (printed) Eric Orłowski			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	
Sample Identification		Sample Identification		Sample Identification		Sample Identification		Sample Identification		Sample Identification			
GT-MW-4	GT-MW-4	GT-MW-4	GT-MW-4	GT-MW-4	GT-MW-4	GT-MW-4	GT-MW-4	GT-MW-4	GT-MW-4	GT-MW-4	GT-MW-4		
GT-MW-5	GT-MW-5	GT-MW-5	GT-MW-5	GT-MW-5	GT-MW-5	GT-MW-5	GT-MW-5	GT-MW-5	GT-MW-5	GT-MW-5	GT-MW-5		
GT-HR-RAW	GT-HR-RAW	GT-HR-RAW	GT-HR-RAW	GT-HR-RAW	GT-HR-RAW	GT-HR-RAW	GT-HR-RAW	GT-HR-RAW	GT-HR-RAW	GT-HR-RAW	GT-HR-RAW		
GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN	GT-HR-KITCHEN		
Date Sampled		Date Sampled		Date Sampled		Date Sampled		Date Sampled		Date Sampled			
3/29/13	3/29/13	3/29/13	3/29/13	3/29/13	3/29/13	3/29/13	3/29/13	3/29/13	3/29/13	3/29/13	3/29/13		
1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250		
1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015		
1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025		
Choose Analyses Needed from the Menu Above and Enter Below		Choose Analyses Needed from the Menu Above and Enter Below		Choose Analyses Needed from the Menu Above and Enter Below		Choose Analyses Needed from the Menu Above and Enter Below		Choose Analyses Needed from the Menu Above and Enter Below		Choose Analyses Needed from the Menu Above and Enter Below			
TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs		
TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs		
524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2		
524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2	524.2		
Container Description(s)		Container Description(s)		Container Description(s)		Container Description(s)		Container Description(s)		Container Description(s)			
3x40mL VOA	3x40mL VOA	3x40mL VOA	3x40mL VOA	3x40mL VOA	3x40mL VOA	3x40mL VOA	3x40mL VOA	3x40mL VOA	3x40mL VOA	3x40mL VOA	3x40mL VOA		
Preservation Check those Applicable		Preservation Check those Applicable		Preservation Check those Applicable		Preservation Check those Applicable		Preservation Check those Applicable		Preservation Check those Applicable			
4°C	4°C	4°C	4°C	4°C	4°C	4°C	4°C	4°C	4°C	4°C	4°C		
Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen		
HCl	HCl	HCl	HCl	HCl	HCl	HCl	HCl	HCl	HCl	HCl	HCl		
MeOH	MeOH	MeOH	MeOH	MeOH	MeOH	MeOH	MeOH	MeOH	MeOH	MeOH	MeOH		
Ascorbic Acid	Ascorbic Acid	Ascorbic Acid	Ascorbic Acid	Ascorbic Acid	Ascorbic Acid	Ascorbic Acid	Ascorbic Acid	Ascorbic Acid	Ascorbic Acid	Ascorbic Acid	Ascorbic Acid		
Other	Other	Other	Other	Other	Other	Other	Other	Other	Other	Other	Other		
HNO ₃	HNO ₃	HNO ₃	HNO ₃	HNO ₃	HNO ₃	HNO ₃	HNO ₃	HNO ₃	HNO ₃	HNO ₃	HNO ₃		
NaOH	NaOH	NaOH	NaOH	NaOH	NaOH	NaOH	NaOH	NaOH	NaOH	NaOH	NaOH		
Temperature on Receipt		Temperature on Receipt		Temperature on Receipt		Temperature on Receipt		Temperature on Receipt		Temperature on Receipt			
4.1 °C	4.1 °C	4.1 °C	4.1 °C	4.1 °C	4.1 °C	4.1 °C	4.1 °C	4.1 °C	4.1 °C	4.1 °C	4.1 °C		
Comments		Comments		Comments		Comments		Comments		Comments			
Samples Relinquished By		Samples Relinquished By		Samples Relinquished By		Samples Relinquished By		Samples Relinquished By		Samples Relinquished By			
Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time			
4/1/13 1140		4/1/13 1140		4/1/13 1140		4/1/13 1140		4/1/13 1140		4/1/13 1140			
Samples Relinquished By		Samples Relinquished By		Samples Relinquished By		Samples Relinquished By		Samples Relinquished By		Samples Relinquished By			
Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time			
4/1/13 1530		4/1/13 1530		4/1/13 1530		4/1/13 1530		4/1/13 1530		4/1/13 1530			



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 07/17/2013

Client Project ID: 40702.13

York Project (SDG) No.: 13G0435

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/17/2013
Client Project ID: 40702.13
York Project (SDG) No.: 13G0435

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 10, 2013 and listed below. The project was identified as your project: **40702.13**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13G0435-01	GT-HR-RAW	Water	07/10/2013	07/10/2013
13G0435-02	GT-HR-KITCHEN	Water	07/10/2013	07/10/2013

General Notes for York Project (SDG) No.: 13G0435

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 07/17/2013

YORK



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 13G0435-01

York Project (SDG) No.

13G0435

Client Project ID

40702.13

Matrix

Water

Collection Date/Time

July 10, 2013 10:00 am

Date Received

07/10/2013

Volatile Organics, 502.2 + MTBE List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
108-86-1	Bromobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
75-25-2	Bromoform	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
108-90-7	Chlorobenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
75-00-3	Chloroethane	ND		ug/L	0.09	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
67-66-3	Chloroform	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
74-87-3	Chloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.5	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 13G0435-01

York Project (SDG) No.
13G0435

Client Project ID
40702.13

Matrix
Water

Collection Date/Time
July 10, 2013 10:00 am

Date Received
07/10/2013

Volatile Organics, 502.2 + MTBE List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
591-78-6	2-Hexanone	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
75-09-2	Methylene chloride	ND		ug/L	0.3	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
91-20-3	Naphthalene	ND		ug/L	0.09	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
100-42-5	Styrene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
108-88-3	Toluene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.1	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.02	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
79-01-6	Trichloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
95-47-6	o-Xylene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.09	1.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	1.5		ug/L	0.5	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.1	1.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 19:49	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	70-130								
460-00-4	Surrogate: p-Bromofluorobenzene	126 %	70-130								



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 13G0435-01

York Project (SDG) No.
13G0435

Client Project ID
40702.13

Matrix
Water

Collection Date/Time
July 10, 2013 10:00 am

Date Received
07/10/2013

Volatile Organics, 502.2 + MTBE List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	105 %			70-130						

Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 13G0435-02

York Project (SDG) No.
13G0435

Client Project ID
40702.13

Matrix
Water

Collection Date/Time
July 10, 2013 10:15 am

Date Received
07/10/2013

Volatile Organics, 502.2 + MTBE List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
108-86-1	Bromobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
75-25-2	Bromoform	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
108-90-7	Chlorobenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
75-00-3	Chloroethane	ND		ug/L	0.09	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
67-66-3	Chloroform	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
74-87-3	Chloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.5	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 13G0435-02

York Project (SDG) No.
13G0435

Client Project ID
40702.13

Matrix
Water

Collection Date/Time
July 10, 2013 10:15 am

Date Received
07/10/2013

Volatile Organics, 502.2 + MTBE List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
591-78-6	2-Hexanone	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
75-09-2	Methylene chloride	ND		ug/L	0.3	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
91-20-3	Naphthalene	ND		ug/L	0.09	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
100-42-5	Styrene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
108-88-3	Toluene	ND		ug/L	0.04	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.1	2.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.02	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
79-01-6	Trichloroethylene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 13G0435-02

York Project (SDG) No.
13G0435

Client Project ID
40702.13

Matrix
Water

Collection Date/Time
July 10, 2013 10:15 am

Date Received
07/10/2013

Volatile Organics, 502.2 + MTBE List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.06	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
95-47-6	o-Xylene	ND		ug/L	0.05	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.09	1.0	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.5	0.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.1	1.5	1	EPA 524.2	07/16/2013 09:52	07/16/2013 20:28	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	70-130								
460-00-4	Surrogate: p-Bromofluorobenzene	122 %	70-130								
2037-26-5	Surrogate: Toluene-d8	99.2 %	70-130								



Analytical Batch Summary

Batch ID: BG30753

Preparation Method: EPA 5030B

Prepared By: KH

YORK Sample ID	Client Sample ID	Preparation Date
13G0435-01	GT-HR-RAW	07/16/13
13G0435-02	GT-HR-KITCHEN	07/16/13
BG30753-BLK1	Blank	07/16/13
BG30753-BS1	LCS	07/16/13
BG30753-BSD1	LCS Dup	07/16/13



Volatile Organic Compounds by EPA Method 524.2 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BG30753 - EPA 5030B

Blank (BG30753-BLK1)

Prepared & Analyzed: 07/16/2013

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
Dibromochloromethane	ND	0.5	"
1,2-Dibromoethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
2-Hexanone	ND	0.5	"
Isopropylbenzene	ND	0.5	"
p-Isopropyltoluene	ND	0.5	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,1,1-Trichloroethane	ND	0.5	"



Volatile Organic Compounds by EPA Method 524.2 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG30753 - EPA 5030B

Blank (BG30753-BLK1)

Prepared & Analyzed: 07/16/2013

1,1,2-Trichloroethane	ND	0.5	ug/L								
Trichloroethylene	ND	0.5	"								
Trichlorofluoromethane	ND	0.5	"								
1,2,3-Trichloropropane	ND	0.5	"								
1,3,5-Trimethylbenzene	ND	0.5	"								
1,2,4-Trimethylbenzene	ND	0.5	"								
Vinyl Chloride	ND	0.5	"								
o-Xylene	ND	0.5	"								
p- & m- Xylenes	ND	1.0	"								
Methyl tert-butyl ether (MTBE)	ND	0.5	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>70-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>12</i>		<i>"</i>	<i>10.0</i>		<i>118</i>	<i>70-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>70-130</i>				

LCS (BG30753-BS1)

Prepared & Analyzed: 07/16/2013

Benzene	7.6		ug/L	10.0		76.3	70-130				
Bromobenzene	11		"	10.0		108	70-130				
Bromochloromethane	7.2		"	10.0		71.7	70-130				
Bromodichloromethane	11		"	10.0		114	70-130				
Bromoform	15		"	10.0		153	70-130	High Bias			
Bromomethane	7.5		"	10.0		75.2	70-130				
sec-Butylbenzene	10		"	10.0		100	70-130				
n-Butylbenzene	9.5		"	10.0		94.7	70-130				
tert-Butylbenzene	11		"	10.0		107	70-130				
Carbon tetrachloride	9.4		"	10.0		94.5	70-130				
Chlorobenzene	10		"	10.0		101	70-130				
Chloroethane	8.4		"	10.0		83.6	70-130				
Chloroform	8.0		"	10.0		80.5	70-130				
Chloromethane	6.9		"	10.0		68.7	70-130	Low Bias			
4-Chlorotoluene	10		"	10.0		100	70-130				
2-Chlorotoluene	10		"	10.0		101	70-130				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	70-130				
Dibromochloromethane	12		"	10.0		116	70-130				
1,2-Dibromoethane	12		"	10.0		115	70-130				
Dibromomethane	11		"	10.0		114	70-130				
1,4-Dichlorobenzene	9.3		"	10.0		93.2	70-130				
1,2-Dichlorobenzene	9.5		"	10.0		95.4	70-130				
1,3-Dichlorobenzene	9.6		"	10.0		95.7	70-130				
Dichlorodifluoromethane	6.8		"	10.0		67.9	70-130	Low Bias			
1,1-Dichloroethane	8.3		"	10.0		83.3	70-130				
1,2-Dichloroethane	8.9		"	10.0		88.7	70-130				
trans-1,2-Dichloroethylene	7.8		"	10.0		78.0	70-130				
1,1-Dichloroethylene	8.6		"	10.0		86.1	70-130				
cis-1,2-Dichloroethylene	7.9		"	10.0		79.0	70-130				
2,2-Dichloropropane	8.9		"	10.0		88.6	70-130				
1,3-Dichloropropane	11		"	10.0		108	70-130				
1,2-Dichloropropane	11		"	10.0		106	70-130				
cis-1,3-Dichloropropylene	12		"	10.0		118	70-130				
1,1-Dichloropropylene	7.8		"	10.0		78.3	70-130				
trans-1,3-Dichloropropylene	11		"	10.0		111	70-130				
Ethyl Benzene	10		"	10.0		103	70-130				



Volatile Organic Compounds by EPA Method 524.2 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG30753 - EPA 5030B

LCS (BG30753-BS1)

Prepared & Analyzed: 07/16/2013

Hexachlorobutadiene	8.8		ug/L	10.0		88.2	70-130				
2-Hexanone	0.0		"	10.0			70-130	Low Bias			
Isopropylbenzene	10		"	10.0		102	70-130				
p-Isopropyltoluene	9.8		"	10.0		98.0	70-130				
Methylene chloride	6.6		"	10.0		65.8	70-130	Low Bias			
Naphthalene	9.7		"	10.0		97.4	70-130				
n-Propylbenzene	9.9		"	10.0		99.2	70-130				
Styrene	11		"	10.0		109	70-130				
1,1,1,2-Tetrachloroethane	11		"	10.0		109	70-130				
1,1,2,2-Tetrachloroethane	11		"	10.0		114	70-130				
Tetrachloroethylene	10		"	10.0		104	70-130				
Toluene	9.8		"	10.0		97.8	70-130				
1,2,3-Trichlorobenzene	9.0		"	10.0		90.5	70-130				
1,2,4-Trichlorobenzene	8.4		"	10.0		83.6	70-130				
1,1,1-Trichloroethane	8.5		"	10.0		85.1	70-130				
1,1,2-Trichloroethane	11		"	10.0		106	70-130				
Trichloroethylene	11		"	10.0		111	70-130				
Trichlorofluoromethane	8.4		"	10.0		84.4	70-130				
1,2,3-Trichloropropane	15		"	10.0		154	70-130	High Bias			
1,3,5-Trimethylbenzene	9.0		"	10.0		90.4	70-130				
1,2,4-Trimethylbenzene	12		"	10.0		118	70-130				
Vinyl Chloride	7.9		"	10.0		79.1	70-130				
o-Xylene	10		"	10.0		101	70-130				
p- & m- Xylenes	21		"	20.0		103	70-130				
Methyl tert-butyl ether (MTBE)	8.4		"	10.0		84.5	70-130				
Surrogate: 1,2-Dichloroethane-d4	8.3		"	10.0		82.8	70-130				
Surrogate: p-Bromofluorobenzene	10		"	10.0		100	70-130				
Surrogate: Toluene-d8	9.8		"	10.0		97.5	70-130				



Volatile Organic Compounds by EPA Method 524.2 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30753 - EPA 5030B											
LCS Dup (BG30753-BSD1)						Prepared & Analyzed: 07/16/2013					
Benzene	8.1		ug/L	10.0		81.0	70-130		5.98	30	
Bromobenzene	12		"	10.0		120	70-130		10.5	30	
Bromochloromethane	7.8		"	10.0		78.0	70-130		8.42	30	
Bromodichloromethane	11		"	10.0		113	70-130		1.41	30	
Bromoform	17		"	10.0		167	70-130	High Bias	8.94	30	
Bromomethane	7.6		"	10.0		75.5	70-130		0.398	30	
sec-Butylbenzene	11		"	10.0		106	70-130		5.25	30	
n-Butylbenzene	10		"	10.0		99.6	70-130		5.04	30	
tert-Butylbenzene	11		"	10.0		112	70-130		4.12	30	
Carbon tetrachloride	9.6		"	10.0		96.0	70-130		1.57	30	
Chlorobenzene	10		"	10.0		105	70-130		3.70	30	
Chloroethane	8.9		"	10.0		89.4	70-130		6.71	30	
Chloroform	8.7		"	10.0		87.3	70-130		8.10	30	
Chloromethane	7.4		"	10.0		74.0	70-130		7.43	30	
4-Chlorotoluene	11		"	10.0		106	70-130		5.42	30	
2-Chlorotoluene	11		"	10.0		108	70-130		7.18	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		114	70-130		11.2	30	
Dibromochloromethane	12		"	10.0		117	70-130		0.944	30	
1,2-Dibromoethane	11		"	10.0		112	70-130		2.73	30	
Dibromomethane	11		"	10.0		112	70-130		1.59	30	
1,4-Dichlorobenzene	10		"	10.0		100	70-130		7.04	30	
1,2-Dichlorobenzene	10		"	10.0		103	70-130		7.27	30	
1,3-Dichlorobenzene	10		"	10.0		102	70-130		5.98	30	
Dichlorodifluoromethane	7.0		"	10.0		69.8	70-130	Low Bias	2.76	30	
1,1-Dichloroethane	8.5		"	10.0		85.2	70-130		2.26	30	
1,2-Dichloroethane	9.0		"	10.0		90.2	70-130		1.68	30	
trans-1,2-Dichloroethylene	8.2		"	10.0		82.5	70-130		5.61	30	
1,1-Dichloroethylene	9.0		"	10.0		89.7	70-130		4.10	30	
cis-1,2-Dichloroethylene	8.5		"	10.0		84.6	70-130		6.85	30	
2,2-Dichloropropane	8.9		"	10.0		89.2	70-130		0.675	30	
1,3-Dichloropropane	11		"	10.0		106	70-130		1.97	30	
1,2-Dichloropropane	11		"	10.0		110	70-130		3.62	30	
cis-1,3-Dichloropropylene	11		"	10.0		113	70-130		3.81	30	
1,1-Dichloropropylene	7.9		"	10.0		78.6	70-130		0.382	30	
trans-1,3-Dichloropropylene	11		"	10.0		112	70-130		0.540	30	
Ethyl Benzene	10		"	10.0		104	70-130		0.579	30	
Hexachlorobutadiene	10		"	10.0		101	70-130		13.9	30	
2-Hexanone	0.0		"	10.0			70-130	Low Bias		30	
Isopropylbenzene	11		"	10.0		111	70-130		8.84	30	
p-Isopropyltoluene	10		"	10.0		104	70-130		6.42	30	
Methylene chloride	6.7		"	10.0		67.2	70-130	Low Bias	2.11	30	
Naphthalene	12		"	10.0		115	70-130		16.9	30	
n-Propylbenzene	11		"	10.0		108	70-130		8.49	30	
Styrene	11		"	10.0		107	70-130		2.22	30	
1,1,1,2-Tetrachloroethane	11		"	10.0		110	70-130		1.37	30	
1,1,2,2-Tetrachloroethane	13		"	10.0		130	70-130		13.1	30	
Tetrachloroethylene	10		"	10.0		104	70-130		0.0959	30	
Toluene	9.7		"	10.0		97.1	70-130		0.718	30	
1,2,3-Trichlorobenzene	10		"	10.0		105	70-130		14.5	30	
1,2,4-Trichlorobenzene	9.6		"	10.0		96.0	70-130		13.8	30	
1,1,1-Trichloroethane	9.0		"	10.0		90.5	70-130		6.15	30	



Volatile Organic Compounds by EPA Method 524.2 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG30753 - EPA 5030B

LCS Dup (BG30753-BSD1)

Prepared & Analyzed: 07/16/2013

1,1,2-Trichloroethane	11		ug/L	10.0		107	70-130		0.845	30
Trichloroethylene	11		"	10.0		112	70-130		1.07	30
Trichlorofluoromethane	8.6		"	10.0		86.0	70-130		1.88	30
1,2,3-Trichloropropane	18		"	10.0		176	70-130	High Bias	13.4	30
1,3,5-Trimethylbenzene	9.8		"	10.0		98.1	70-130		8.17	30
1,2,4-Trimethylbenzene	13		"	10.0		126	70-130		6.08	30
Vinyl Chloride	8.3		"	10.0		83.1	70-130		4.93	30
o-Xylene	9.9		"	10.0		99.3	70-130		2.09	30
p- & m- Xylenes	20		"	20.0		102	70-130		1.66	30
Methyl tert-butyl ether (MTBE)	8.9		"	10.0		88.7	70-130		4.85	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.6</i>		<i>"</i>	<i>10.0</i>		<i>86.3</i>	<i>70-130</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.7</i>		<i>"</i>	<i>10.0</i>		<i>97.2</i>	<i>70-130</i>			



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13G0435-01	GT-HR-RAW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13G0435-02	GT-HR-KITCHEN	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Field Chain-of-Custody Record

ANALYTICAL LABORATORIES, INC.
20 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.

York Project No. 1560452

[illegible]



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 11/26/2013

Client Project ID: 40702.00 Greer Toyota

York Project (SDG) No.: 13K0650

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

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Report Date: 11/26/2013
Client Project ID: 40702.00 Greer Toyota
York Project (SDG) No.: 13K0650

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 19, 2013 and listed below. The project was identified as your project: **40702.00 Greer Toyota**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13K0650-01	GT-MW-4	Water	11/15/2013	11/19/2013
13K0650-02	GT-MW-5	Water	11/15/2013	11/19/2013
13K0650-03	GT-HR RAW	Drinking Water	11/15/2013	11/19/2013
13K0650-04	GT-HR-KITCHEN	Drinking Water	11/15/2013	11/19/2013

General Notes for York Project (SDG) No.: 13K0650

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Benjamin Gulizia
Laboratory Director

Date: 11/26/2013



Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 13K0650-01

York Project (SDG) No.

13K0650

Client Project ID

40702.00 Greer Toyota

Matrix

Water

Collection Date/Time

November 15, 2013 12:40 pm

Date Received

11/19/2013

Volatile Organics, TCL (Target Compound List)
Log-in Notes:
Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK



Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 13K0650-01

York Project (SDG) No.
13K0650

Client Project ID
40702.00 Greer Toyota

Matrix
Water

Collection Date/Time
November 15, 2013 12:40 pm

Date Received
11/19/2013

Volatile Organics, TCL (Target Compound List)
Log-in Notes:
Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
179601-23-1	p- & m- Xylenes	0.97	J, B	ug/L	0.53	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
1330-20-7	Xylenes, Total	0.97	J, B	ug/L	0.55	15	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 16:55	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %		78-122							
460-00-4	Surrogate: p-Bromofluorobenzene	104 %		87-112							
2037-26-5	Surrogate: Toluene-d8	92.1 %		91-110							

Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 13K0650-02

York Project (SDG) No.
13K0650

Client Project ID
40702.00 Greer Toyota

Matrix
Water

Collection Date/Time
November 15, 2013 12:25 pm

Date Received
11/19/2013

Volatile Organics, TCL (Target Compound List)
Log-in Notes:
Sample Notes:



Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 13K0650-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0650

40702.00 Greer Toyota

Water

November 15, 2013 12:25 pm

11/19/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-34-3	1,1-Dichloroethane	1.8	J	ug/L	0.42	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
67-64-1	Acetone	19		ug/L	6.1	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK



Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 13K0650-02

York Project (SDG) No.
13K0650

Client Project ID
40702.00 Greer Toyota

Matrix
Water

Collection Date/Time
November 15, 2013 12:25 pm

Date Received
11/19/2013

Volatile Organics, TCL (Target Compound List)
Log-in Notes:
Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	0.83	J	ug/L	0.53	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA 624/8260C	11/23/2013 13:55	11/24/2013 17:30	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %	78-122								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	87-112								
2037-26-5	Surrogate: Toluene-d8	92.5 %	91-110								

Sample Information

Client Sample ID: GT-HR RAW

York Sample ID: 13K0650-03

York Project (SDG) No.
13K0650

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
November 15, 2013 9:40 am

Date Received
11/19/2013

Volatile Organics, 524.2 List
Log-in Notes:
Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK



Sample Information

Client Sample ID: GT-HR RAW

York Sample ID: 13K0650-03

York Project (SDG) No.

13K0650

Client Project ID

40702.00 Greer Toyota

Matrix

Drinking Water

Collection Date/Time

November 15, 2013 9:40 am

Date Received

11/19/2013

Volatile Organics, 524.2 List
Log-in Notes:
Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
74-97-5	Bromochloromethane	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
75-25-2	Bromoform	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
74-83-9	Bromomethane	ND		ug/L	0.3	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
108-90-7	Chlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
75-00-3	Chloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
67-66-3	Chloroform	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
74-87-3	Chloromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.09	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.04	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.09	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK



Sample Information

Client Sample ID: GT-HR RAW

York Sample ID: 13K0650-03

York Project (SDG) No.
13K0650

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
November 15, 2013 9:40 am

Date Received
11/19/2013

Volatile Organics, 524.2 List
Log-in Notes:
Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	1.0		ug/L	0.3	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
75-09-2	Methylene chloride	ND		ug/L	0.2	2.0	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
91-20-3	Naphthalene	ND		ug/L	0.6	2.0	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
100-42-5	Styrene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.09	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.3	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
79-01-6	Trichloroethylene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.3	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.1	1.0	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 15:44	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	91.6 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	88.3 %	65-133								
2037-26-5	Surrogate: Toluene-d8	107 %	80-123								



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 13K0650-04

York Project (SDG) No.

13K0650

Client Project ID

40702.00 Greer Toyota

Matrix

Drinking Water

Collection Date/Time

November 15, 2013 9:50 am

Date Received

11/19/2013

Volatile Organics, 524.2 List
Log-in Notes:
Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
74-97-5	Bromochloromethane	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
75-25-2	Bromoform	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
74-83-9	Bromomethane	ND		ug/L	0.3	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
108-90-7	Chlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
75-00-3	Chloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
67-66-3	Chloroform	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
74-87-3	Chloromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.09	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.04	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.09	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 13K0650-04

York Project (SDG) No.

13K0650

Client Project ID

40702.00 Greer Toyota

Matrix

Drinking Water

Collection Date/Time

November 15, 2013 9:50 am

Date Received

11/19/2013

Volatile Organics, 524.2 List
Log-in Notes:
Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.3	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
75-09-2	Methylene chloride	ND		ug/L	0.2	2.0	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
91-20-3	Naphthalene	ND		ug/L	0.6	2.0	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
100-42-5	Styrene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.08	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.09	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.3	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
79-01-6	Trichloroethylene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.3	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.1	1.0	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2	11/23/2013 08:25	11/23/2013 16:19	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.9 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	89.7 %	65-133								
2037-26-5	Surrogate: Toluene-d8	102 %	80-123								



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 13K0650-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0650

40702.00 Greer Toyota

Drinking Water

November 15, 2013 9:50 am

11/19/2013



Analytical Batch Summary

Batch ID: BK31191**Preparation Method:** EPA 5030B**Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
13K0650-03	GT-HR RAW	11/23/13
13K0650-04	GT-HR-KITCHEN	11/23/13
BK31191-BLK1	Blank	11/23/13
BK31191-BS1	LCS	11/23/13
BK31191-BSD1	LCS Dup	11/23/13

Batch ID: BK31198**Preparation Method:** EPA 5030B**Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
13K0650-01	GT-MW-4	11/23/13
13K0650-02	GT-MW-5	11/23/13
BK31198-BLK1	Blank	11/23/13
BK31198-BS1	LCS	11/23/13
BK31198-BSD1	LCS Dup	11/23/13



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK31191 - EPA 5030B

Blank (BK31191-BLK1)

Prepared & Analyzed: 11/23/2013

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
Dibromochloromethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"
p-Isopropyltoluene	ND	0.5	"
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.5	"
1,2,3-Trichlorobenzene	ND	0.5	"
1,1,1-Trichloroethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.5	"
Trichloroethylene	ND	0.5	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK31191 - EPA 5030B

Blank (BK31191-BLK1)

Prepared & Analyzed: 11/23/2013

Trichlorofluoromethane	ND	0.5	ug/L								
1,2,3-Trichloropropane	ND	0.5	"								
1,3,5-Trimethylbenzene	ND	0.5	"								
1,2,4-Trimethylbenzene	ND	0.5	"								
Vinyl Chloride	ND	0.5	"								
o-Xylene	ND	0.5	"								
p- & m- Xylenes	ND	1.0	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.4</i>		<i>"</i>	<i>10.0</i>		<i>94.0</i>	<i>79-133</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>8.7</i>		<i>"</i>	<i>10.0</i>		<i>87.1</i>	<i>65-133</i>				
<i>Surrogate: Toluene-d8</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>80-123</i>				

LCS (BK31191-BS1)

Prepared & Analyzed: 11/23/2013

Benzene	11		ug/L	10.0		106	77-122				
Bromobenzene	10		"	10.0		102	76-114				
Bromochloromethane	12		"	10.0		120	73-125				
Bromodichloromethane	10		"	10.0		102	83-120				
Bromoform	8.3		"	10.0		83.4	72-139				
Bromomethane	11		"	10.0		107	52-128				
tert-Butylbenzene	11		"	10.0		107	75-129				
n-Butylbenzene	11		"	10.0		113	69-127				
sec-Butylbenzene	11		"	10.0		112	72-132				
Carbon tetrachloride	11		"	10.0		106	66-152				
Chlorobenzene	9.9		"	10.0		98.6	85-113				
Chloroethane	11		"	10.0		110	60-124				
Chloroform	10		"	10.0		104	82-119				
Chloromethane	12		"	10.0		116	42-126				
2-Chlorotoluene	11		"	10.0		110	74-115				
4-Chlorotoluene	11		"	10.0		108	77-119				
Dibromochloromethane	9.6		"	10.0		95.8	74-151				
Dibromomethane	9.6		"	10.0		95.5	74-128				
1,2-Dichlorobenzene	10		"	10.0		99.7	83-110				
1,4-Dichlorobenzene	10		"	10.0		100	83-110				
1,3-Dichlorobenzene	10		"	10.0		102	82-112				
Dichlorodifluoromethane	12		"	10.0		124	10-146				
1,2-Dichloroethane	9.6		"	10.0		95.6	81-120				
1,1-Dichloroethane	11		"	10.0		106	79-123				
trans-1,2-Dichloroethylene	11		"	10.0		106	76-119				
cis-1,2-Dichloroethylene	11		"	10.0		112	79-116				
1,1-Dichloroethylene	10		"	10.0		102	71-123				
1,2-Dichloropropane	10		"	10.0		100	76-120				
2,2-Dichloropropane	11		"	10.0		111	50-163				
1,3-Dichloropropane	9.7		"	10.0		97.2	77-122				
cis-1,3-Dichloropropylene	11		"	10.0		106	85-134				
1,1-Dichloropropylene	10		"	10.0		103	73-117				
trans-1,3-Dichloropropylene	10		"	10.0		102	80-137				
Ethyl Benzene	11		"	10.0		110	85-125				
Hexachlorobutadiene	10		"	10.0		102	69-131				
Isopropylbenzene	11		"	10.0		107	71-128				
p-Isopropyltoluene	11		"	10.0		107	74-130				
Methyl tert-butyl ether (MTBE)	8.2		"	10.0		81.7	51-134				
Methylene chloride	10		"	10.0		105	76-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK31191 - EPA 5030B

LCS (BK31191-BS1)

Prepared & Analyzed: 11/23/2013

Naphthalene	9.7		ug/L	10.0		97.3	72-127				
n-Propylbenzene	11		"	10.0		111	70-129				
Styrene	11		"	10.0		107	62-160				
1,1,1,2-Tetrachloroethane	9.6		"	10.0		96.5	84-127				
1,1,2,2-Tetrachloroethane	9.8		"	10.0		97.9	76-120				
Tetrachloroethylene	9.7		"	10.0		96.9	67-118				
Toluene	11		"	10.0		107	82-118				
1,2,4-Trichlorobenzene	9.1		"	10.0		91.1	78-117				
1,2,3-Trichlorobenzene	9.0		"	10.0		90.1	78-117				
1,1,1-Trichloroethane	11		"	10.0		108	80-131				
1,1,2-Trichloroethane	9.7		"	10.0		97.3	73-124				
Trichloroethylene	10		"	10.0		104	71-122				
Trichlorofluoromethane	11		"	10.0		113	67-130				
1,2,3-Trichloropropane	8.7		"	10.0		87.1	68-119				
1,3,5-Trimethylbenzene	11		"	10.0		107	74-121				
1,2,4-Trimethylbenzene	11		"	10.0		106	68-134				
Vinyl Chloride	11		"	10.0		115	49-125				
o-Xylene	11		"	10.0		106	83-117				
p- & m- Xylenes	24		"	20.0		120	80-126				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.4</i>		<i>"</i>	<i>10.0</i>		<i>93.9</i>	<i>79-133</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.3</i>		<i>"</i>	<i>10.0</i>		<i>93.4</i>	<i>65-133</i>				
<i>Surrogate: Toluene-d8</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>80-123</i>				

LCS Dup (BK31191-BSD1)

Prepared & Analyzed: 11/23/2013

Benzene	11		ug/L	10.0		105	77-122		0.853	30	
Bromobenzene	10		"	10.0		101	76-114		1.18	30	
Bromochloromethane	12		"	10.0		118	73-125		1.60	30	
Bromodichloromethane	10		"	10.0		100	83-120		1.29	30	
Bromoform	9.4		"	10.0		93.5	72-139		11.4	30	
Bromomethane	9.8		"	10.0		98.3	52-128		8.38	30	
tert-Butylbenzene	9.9		"	10.0		99.1	75-129		7.29	30	
n-Butylbenzene	10		"	10.0		100	69-127		12.0	30	
sec-Butylbenzene	10		"	10.0		102	72-132		9.46	30	
Carbon tetrachloride	9.7		"	10.0		97.2	66-152		8.66	30	
Chlorobenzene	10		"	10.0		100	85-113		1.41	30	
Chloroethane	10		"	10.0		103	60-124		6.21	30	
Chloroform	10		"	10.0		99.8	82-119		3.74	30	
Chloromethane	11		"	10.0		114	42-126		1.91	30	
2-Chlorotoluene	10		"	10.0		100	74-115		9.25	30	
4-Chlorotoluene	10		"	10.0		99.6	77-119		7.91	30	
Dibromochloromethane	9.9		"	10.0		98.8	74-151		3.08	30	
Dibromomethane	10		"	10.0		100	74-128		4.90	30	
1,2-Dichlorobenzene	9.7		"	10.0		97.4	83-110		2.33	30	
1,4-Dichlorobenzene	9.4		"	10.0		93.8	83-110		6.40	30	
1,3-Dichlorobenzene	9.6		"	10.0		96.1	82-112		5.47	30	
Dichlorodifluoromethane	11		"	10.0		114	10-146		8.33	30	
1,2-Dichloroethane	9.8		"	10.0		98.3	81-120		2.78	30	
1,1-Dichloroethane	10		"	10.0		101	79-123		4.45	30	
trans-1,2-Dichloroethylene	9.8		"	10.0		98.4	76-119		7.15	30	
cis-1,2-Dichloroethylene	11		"	10.0		106	79-116		5.86	30	
1,1-Dichloroethylene	9.6		"	10.0		96.5	71-123		5.44	30	
1,2-Dichloropropane	10		"	10.0		100	76-120		0.200	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK31191 - EPA 5030B

LCS Dup (BK31191-BSD1)

Prepared & Analyzed: 11/23/2013

2,2-Dichloropropane	9.9		ug/L	10.0		99.0	50-163		11.6	30
1,3-Dichloropropane	11		"	10.0		107	77-122		9.51	30
cis-1,3-Dichloropropylene	11		"	10.0		109	85-134		2.42	30
1,1-Dichloropropylene	9.7		"	10.0		96.6	73-117		6.22	30
trans-1,3-Dichloropropylene	10		"	10.0		105	80-137		2.80	30
Ethyl Benzene	11		"	10.0		106	85-125		3.87	30
Hexachlorobutadiene	8.9		"	10.0		88.9	69-131		14.2	30
Isopropylbenzene	9.9		"	10.0		99.4	71-128		6.99	30
p-Isopropyltoluene	9.7		"	10.0		97.3	74-130		9.31	30
Methyl tert-butyl ether (MTBE)	9.1		"	10.0		91.2	51-134		11.0	30
Methylene chloride	11		"	10.0		106	76-122		0.853	30
Naphthalene	10		"	10.0		105	72-127		7.33	30
n-Propylbenzene	10		"	10.0		102	70-129		7.87	30
Styrene	11		"	10.0		105	62-160		1.51	30
1,1,1,2-Tetrachloroethane	9.8		"	10.0		97.8	84-127		1.34	30
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-120		10.0	30
Tetrachloroethylene	9.3		"	10.0		93.1	67-118		4.00	30
Toluene	11		"	10.0		106	82-118		1.32	30
1,2,4-Trichlorobenzene	8.8		"	10.0		88.4	78-117		3.01	30
1,2,3-Trichlorobenzene	8.8		"	10.0		87.6	78-117		2.81	30
1,1,1-Trichloroethane	10		"	10.0		100	80-131		7.49	30
1,1,2-Trichloroethane	11		"	10.0		107	73-124		9.12	30
Trichloroethylene	10		"	10.0		102	71-122		1.07	30
Trichlorofluoromethane	11		"	10.0		105	67-130		7.16	30
1,2,3-Trichloropropane	10		"	10.0		101	68-119		14.5	30
1,3,5-Trimethylbenzene	9.8		"	10.0		98.0	74-121		9.06	30
1,2,4-Trimethylbenzene	9.8		"	10.0		97.7	68-134		7.96	30
Vinyl Chloride	11		"	10.0		111	49-125		3.19	30
o-Xylene	10		"	10.0		102	83-117		4.02	30
p- & m- Xylenes	23		"	20.0		113	80-126		5.72	30
Surrogate: 1,2-Dichloroethane-d4	9.6		"	10.0		95.9	79-133			
Surrogate: p-Bromofluorobenzene	9.2		"	10.0		92.0	65-133			
Surrogate: Toluene-d8	10		"	10.0		103	80-123			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31198 - EPA 5030B											
Blank (BK31198-BLK1)											
Prepared: 11/23/2013 Analyzed: 11/24/2013											
1,1,1-Trichloroethane	ND	5.0	ug/L								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	0.91	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	10	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	2.8	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	1.3	10	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	1.3	15	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31198 - EPA 5030B											
Blank (BK31198-BLK1)						Prepared: 11/23/2013 Analyzed: 11/24/2013					
Surrogate: 1,2-Dichloroethane-d4	55.9		ug/L	50.0		112	78-122				
Surrogate: p-Bromofluorobenzene	50.2		"	50.0		100	87-112				
Surrogate: Toluene-d8	46.7		"	50.0		93.4	91-110				
LCS (BK31198-BS1)						Prepared: 11/23/2013 Analyzed: 11/24/2013					
1,1,1-Trichloroethane	52		ug/L	50.0		103	83-125				
1,1,2,2-Tetrachloroethane	46		"	50.0		92.2	84-122				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	78		"	50.0		157	66-141	High Bias			
1,1,2-Trichloroethane	46		"	50.0		92.9	83-116				
1,1-Dichloroethane	50		"	50.0		100	82-121				
1,1-Dichloroethylene	66		"	50.0		131	59-135				
1,2,4-Trichlorobenzene	55		"	50.0		110	72-133				
1,2,4-Trimethylbenzene	51		"	50.0		102	82-119				
1,2-Dibromo-3-chloropropane	53		"	50.0		105	69-134				
1,2-Dibromoethane	48		"	50.0		96.3	85-118				
1,2-Dichloroethane	55		"	50.0		110	79-125				
1,2-Dichloropropane	48		"	50.0		95.9	82-119				
1,3,5-Trimethylbenzene	51		"	50.0		103	84-120				
2-Butanone	54		"	50.0		107	59-127				
2-Hexanone	46		"	50.0		92.5	59-127				
4-Methyl-2-pentanone	45		"	50.0		90.8	50-119				
Acetone	65		"	50.0		131	30-112	High Bias			
Benzene	50		"	50.0		99.9	88-113				
Bromodichloromethane	48		"	50.0		95.7	87-122				
Bromoform	49		"	50.0		98.8	83-127				
Bromomethane	97		"	50.0		193	36-135	High Bias			
Carbon disulfide	160		"	100		156	35-126	High Bias			
Carbon tetrachloride	61		"	50.0		122	82-128				
Chlorobenzene	48		"	50.0		95.6	90-111				
Chloroethane	90		"	50.0		180	60-132	High Bias			
Chloroform	49		"	50.0		98.5	89-116				
Chloromethane	53		"	50.0		107	39-131				
cis-1,2-Dichloroethylene	48		"	50.0		96.5	90-112				
cis-1,3-Dichloropropylene	51		"	50.0		102	89-124				
Dibromochloromethane	55		"	50.0		110	82-132				
Dichlorodifluoromethane	49		"	50.0		98.9	10-143				
Ethyl Benzene	48		"	50.0		95.3	91-117				
Isopropylbenzene	49		"	50.0		97.4	82-122				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	59-135				
Methylene chloride	52		"	50.0		105	51-136				
Naphthalene	53		"	50.0		106	61-147				
n-Butylbenzene	49		"	50.0		97.5	79-122				
n-Propylbenzene	48		"	50.0		96.3	80-123				
o-Xylene	46		"	50.0		92.2	91-110				
p- & m- Xylenes	96		"	100		96.0	86-118				
sec-Butylbenzene	51		"	50.0		101	82-127				
Styrene	49		"	50.0		98.1	88-121				
tert-Butylbenzene	55		"	50.0		109	70-130				
Tetrachloroethylene	46		"	50.0		92.6	67-138				
Toluene	46		"	50.0		92.3	88-113				
trans-1,2-Dichloroethylene	51		"	50.0		101	73-123				
trans-1,3-Dichloropropylene	50		"	50.0		99.1	85-123				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31198 - EPA 5030B											
LCS (BK31198-BS1)						Prepared: 11/23/2013 Analyzed: 11/24/2013					
Trichloroethylene	47		ug/L	50.0		94.3	83-120				
Trichlorofluoromethane	55		"	50.0		109	62-138				
Vinyl Chloride	75		"	50.0		150	49-127	High Bias			
Surrogate: 1,2-Dichloroethane-d4	51.7		"	50.0		103	78-122				
Surrogate: p-Bromofluorobenzene	51.2		"	50.0		102	87-112				
Surrogate: Toluene-d8	45.4		"	50.0		90.8	91-110				
LCS Dup (BK31198-BSD1)						Prepared: 11/23/2013 Analyzed: 11/24/2013					
1,1,1-Trichloroethane	53		ug/L	50.0		107	83-125		3.50	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		97.3	84-122		5.38	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	77		"	50.0		154	66-141	High Bias	1.32	30	
1,1,2-Trichloroethane	46		"	50.0		92.1	83-116		0.886	30	
1,1-Dichloroethane	51		"	50.0		102	82-121		1.78	30	
1,1-Dichloroethylene	66		"	50.0		133	59-135		1.33	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	72-133		2.92	30	
1,2,4-Trimethylbenzene	52		"	50.0		104	82-119		2.08	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		108	69-134		2.78	30	
1,2-Dibromoethane	48		"	50.0		95.8	85-118		0.520	30	
1,2-Dichloroethane	55		"	50.0		109	79-125		0.657	30	
1,2-Dichloropropane	47		"	50.0		94.3	82-119		1.77	30	
1,3,5-Trimethylbenzene	52		"	50.0		104	84-120		1.13	30	
2-Butanone	55		"	50.0		111	59-127		3.03	30	
2-Hexanone	47		"	50.0		94.2	59-127		1.91	30	
4-Methyl-2-pentanone	46		"	50.0		92.9	50-119		2.26	30	
Acetone	68		"	50.0		135	30-112	High Bias	3.43	30	
Benzene	51		"	50.0		101	88-113		1.27	30	
Bromodichloromethane	49		"	50.0		97.7	87-122		1.99	30	
Bromoform	53		"	50.0		107	83-127		7.48	30	
Bromomethane	96		"	50.0		193	36-135	High Bias	0.197	30	
Carbon disulfide	160		"	100		160	35-126	High Bias	2.53	30	
Carbon tetrachloride	60		"	50.0		120	82-128		2.21	30	
Chlorobenzene	49		"	50.0		98.9	90-111		3.37	30	
Chloroethane	90		"	50.0		180	60-132	High Bias	0.333	30	
Chloroform	50		"	50.0		100	89-116		1.97	30	
Chloromethane	53		"	50.0		105	39-131		1.72	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.6	90-112		3.22	30	
cis-1,3-Dichloropropylene	49		"	50.0		97.7	89-124		4.42	30	
Dibromochloromethane	54		"	50.0		109	82-132		1.50	30	
Dichlorodifluoromethane	49		"	50.0		98.5	10-143		0.466	30	
Ethyl Benzene	49		"	50.0		97.3	91-117		2.14	30	
Isopropylbenzene	52		"	50.0		103	82-122		5.92	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	59-135		0.132	30	
Methylene chloride	53		"	50.0		106	51-136		0.857	30	
Naphthalene	54		"	50.0		107	61-147		1.46	30	
n-Butylbenzene	50		"	50.0		101	79-122		3.19	30	
n-Propylbenzene	50		"	50.0		99.9	80-123		3.71	30	
o-Xylene	47		"	50.0		94.1	91-110		2.08	30	
p- & m- Xylenes	98		"	100		98.0	86-118		2.04	30	
sec-Butylbenzene	52		"	50.0		104	82-127		2.88	30	
Styrene	49		"	50.0		98.0	88-121		0.102	30	
tert-Butylbenzene	57		"	50.0		114	70-130		4.67	30	
Tetrachloroethylene	49		"	50.0		98.0	67-138		5.64	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK31198 - EPA 5030B

LCS Dup (BK31198-BSD1)

Prepared: 11/23/2013 Analyzed: 11/24/2013

Toluene	45		ug/L	50.0		90.9	88-113		1.55	30	
trans-1,2-Dichloroethylene	51		"	50.0		101	73-123		0.237	30	
trans-1,3-Dichloropropylene	51		"	50.0		102	85-123		2.61	30	
Trichloroethylene	47		"	50.0		93.7	83-120		0.596	30	
Trichlorofluoromethane	54		"	50.0		108	62-138		1.31	30	
Vinyl Chloride	77		"	50.0		153	49-127	High Bias	2.28	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>53.5</i>		<i>"</i>	<i>50.0</i>		<i>107</i>	<i>78-122</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.9</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>87-112</i>				
<i>Surrogate: Toluene-d8</i>	<i>45.8</i>		<i>"</i>	<i>50.0</i>		<i>91.6</i>	<i>91-110</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13K0650-01	GT-MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0650-02	GT-MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0650-03	GT-HR RAW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0650-04	GT-HR-KITCHEN	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested. Your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13K0650

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: <u>CHAREN</u>	Company: <u>CHAREN</u>	Company: <u>CHAREN</u>	<u>40702.00</u>	☐ RUSH - Same Day	Summary Report ☒ <u>X</u>
Address: _____	Address: _____	Address: _____	<u>Greer Toyota</u>	☐ RUSH - Next Day	Summary w/ QA Summary _____
Phone No. _____	Phone No. _____	Phone No. _____	<u>Purchase Order No.</u>	☐ RUSH - Two Day	CT RCP Package _____
Attention: _____	Attention: _____	Attention: <u>ACCTS PAYABLE</u>	<u>P15305</u>	☐ RUSH - Three Day	NY ASP A Package _____
E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____		☐ RUSH - Four Day	NY ASP B Package _____
			Samples from: CT _____ NY ☒ NJ	☒ Standard(5-7 Days)	<i>Electronic Deliverables:</i> _____
					EDD (Specify Type) _____
					Excel _____

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GT-MW-4	11/15/13 1240	GW	8260 TCL	3 x 40mL VOA
GT-MW-5	↓ 1225	GW	8260 TCL	↓
GT-HR-RAW	↓ 0940	DW	524.2	↓
GT-HR-KITCHEN	↓ 0950	DW	524.2	
Comments	4°C ☒ Frozen HCl ☒ MeOH ☐ ZnAc ☐ Ascorbic Acid ☐ Samples Relinquished By <u>Quincy R</u> Samples Relinquished By <u>Quincy R</u>	HNO₃ ☐ H₂SO₄ ☐ NaOH ☐ Other: <u>Chloro</u> Samples Received By <u>Chloro</u> Samples Received in LAB by <u>Chloro</u>	Temperature on Receipt <u>4.4</u> °C Date/Time <u>11-19-13 9:40</u> Date/Time <u>11-19-13 1620</u>	



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 02/24/2014

Client Project ID: 40702.13 Grier Toyota

York Project (SDG) No.: 14B0440

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 02/24/2014
Client Project ID: 40702.13 Grier Toyota
York Project (SDG) No.: 14B0440

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 18, 2014 and listed below. The project was identified as your project: **40702.13 Grier Toyota**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14B0440-01	GT-HR-RAW	Water	02/18/2014	02/18/2014
14B0440-02	GT-HR-KITCHEN	Water	02/18/2014	02/18/2014

General Notes for York Project (SDG) No.: 14B0440

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 02/24/2014





Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 14B0440-01

York Project (SDG) No.

14B0440

Client Project ID

40702.13 Grier Toyota

Matrix

Water

Collection Date/Time

February 18, 2014 9:10 am

Date Received

02/18/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
74-97-5	Bromochloromethane	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
75-25-2	Bromoform	ND		ug/L	0.2	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
74-83-9	Bromomethane	ND		ug/L	0.3	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
108-90-7	Chlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
75-00-3	Chloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
67-66-3	Chloroform	ND		ug/L	0.06	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
74-87-3	Chloromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.09	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.04	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.09	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 14B0440-01

York Project (SDG) No.
14B0440

Client Project ID
40702.13 Grier Toyota

Matrix
Water

Collection Date/Time
February 18, 2014 9:10 am

Date Received
02/18/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	1.6		ug/L	0.3	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
75-09-2	Methylene chloride	ND		ug/L	0.2	2.0	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
91-20-3	Naphthalene	ND		ug/L	0.6	2.0	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
100-42-5	Styrene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.08	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.09	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.2	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.3	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
79-01-6	Trichloroethylene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.3	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.1	1.0	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2	02/20/2014 08:53	02/20/2014 21:30	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	120 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %	65-133								



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 14B0440-01

York Project (SDG) No.

14B0440

Client Project ID

40702.13 Grier Toyota

Matrix

Water

Collection Date/Time

February 18, 2014 9:10 am

Date Received

02/18/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	91.6 %			80-123						

Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 14B0440-02

York Project (SDG) No.

14B0440

Client Project ID

40702.13 Grier Toyota

Matrix

Water

Collection Date/Time

February 18, 2014 9:30 am

Date Received

02/18/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
75-25-2	Bromoform	ND		ug/L	0.2	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
74-83-9	Bromomethane	ND		ug/L	0.3	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
75-00-3	Chloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
67-66-3	Chloroform	ND		ug/L	0.06	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
74-87-3	Chloromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.09	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 14B0440-02

York Project (SDG) No.
14B0440

Client Project ID
40702.13 Grier Toyota

Matrix
Water

Collection Date/Time
February 18, 2014 9:30 am

Date Received
02/18/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.04	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.09	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.3	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	2.0	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
91-20-3	Naphthalene	ND		ug/L	0.6	2.0	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
100-42-5	Styrene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.08	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.09	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.2	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.3	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 14B0440-02

York Project (SDG) No.

14B0440

Client Project ID

40702.13 Grier Toyota

Matrix

Water

Collection Date/Time

February 18, 2014 9:30 am

Date Received

02/18/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.3	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.1	1.0	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2	02/21/2014 10:40	02/21/2014 22:42	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	99.4 %	65-133								
2037-26-5	Surrogate: Toluene-d8	100 %	80-123								



Analytical Batch Summary

Batch ID: BB40738

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14B0440-01	GT-HR-RAW	02/20/14
BB40738-BLK1	Blank	02/20/14
BB40738-BS1	LCS	02/20/14
BB40738-BSD1	LCS Dup	02/20/14

Batch ID: BB40817

Preparation Method: EPA 5030B

Prepared By: SS

YORK Sample ID	Client Sample ID	Preparation Date
14B0440-02	GT-HR-KITCHEN	02/21/14
BB40817-BLK1	Blank	02/21/14
BB40817-BS1	LCS	02/21/14
BB40817-BSD1	LCS Dup	02/21/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB40738 - EPA 5030B

Blank (BB40738-BLK1)

Prepared & Analyzed: 02/20/2014

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
Dibromochloromethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"
p-Isopropyltoluene	ND	0.5	"
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.5	"
1,2,3-Trichlorobenzene	ND	0.5	"
1,1,1-Trichloroethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.5	"
Trichloroethylene	ND	0.5	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB40738 - EPA 5030B

Blank (BB40738-BLK1)

Prepared & Analyzed: 02/20/2014

Trichlorofluoromethane	ND	0.5	ug/L								
1,2,3-Trichloropropane	ND	0.5	"								
1,3,5-Trimethylbenzene	ND	0.5	"								
1,2,4-Trimethylbenzene	ND	0.5	"								
Vinyl Chloride	ND	0.5	"								
o-Xylene	ND	0.5	"								
p- & m- Xylenes	ND	1.0	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>79-133</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>99.9</i>	<i>65-133</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.8</i>		<i>"</i>	<i>10.0</i>		<i>98.5</i>	<i>80-123</i>				

LCS (BB40738-BS1)

Prepared & Analyzed: 02/20/2014

Benzene	10		ug/L	10.0		103	77-122				
Bromobenzene	9.7		"	10.0		96.9	76-114				
Bromochloromethane	9.3		"	10.0		93.3	73-125				
Bromodichloromethane	10		"	10.0		103	83-120				
Bromoform	11		"	10.0		114	72-139				
Bromomethane	6.0		"	10.0		60.0	52-128				
tert-Butylbenzene	9.9		"	10.0		98.8	75-129				
n-Butylbenzene	10		"	10.0		99.5	69-127				
sec-Butylbenzene	9.9		"	10.0		98.9	72-132				
Carbon tetrachloride	11		"	10.0		109	66-152				
Chlorobenzene	10		"	10.0		103	85-113				
Chloroethane	10		"	10.0		99.6	60-124				
Chloroform	11		"	10.0		106	82-119				
Chloromethane	8.9		"	10.0		89.3	42-126				
2-Chlorotoluene	9.7		"	10.0		96.9	74-115				
4-Chlorotoluene	9.8		"	10.0		97.5	77-119				
Dibromochloromethane	11		"	10.0		109	74-151				
Dibromomethane	10		"	10.0		104	74-128				
1,2-Dichlorobenzene	10		"	10.0		102	83-110				
1,4-Dichlorobenzene	10		"	10.0		102	83-110				
1,3-Dichlorobenzene	10		"	10.0		101	82-112				
Dichlorodifluoromethane	9.7		"	10.0		97.0	10-146				
1,2-Dichloroethane	11		"	10.0		112	81-120				
1,1-Dichloroethane	11		"	10.0		113	79-123				
trans-1,2-Dichloroethylene	11		"	10.0		112	76-119				
cis-1,2-Dichloroethylene	11		"	10.0		109	79-116				
1,1-Dichloroethylene	10		"	10.0		104	71-123				
1,2-Dichloropropane	10		"	10.0		101	76-120				
2,2-Dichloropropane	11		"	10.0		115	50-163				
1,3-Dichloropropane	11		"	10.0		108	77-122				
cis-1,3-Dichloropropylene	11		"	10.0		107	85-134				
1,1-Dichloropropylene	10		"	10.0		103	73-117				
trans-1,3-Dichloropropylene	11		"	10.0		108	80-137				
Ethyl Benzene	10		"	10.0		101	85-125				
Hexachlorobutadiene	10		"	10.0		103	69-131				
Isopropylbenzene	9.8		"	10.0		98.0	71-128				
p-Isopropyltoluene	10		"	10.0		100	74-130				
Methyl tert-butyl ether (MTBE)	12		"	10.0		121	51-134				
Methylene chloride	9.5		"	10.0		95.1	76-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB40738 - EPA 5030B

LCS (BB40738-BS1)

Prepared & Analyzed: 02/20/2014

Naphthalene	12		ug/L	10.0		118	72-127				
n-Propylbenzene	9.9		"	10.0		98.8	70-129				
Styrene	10		"	10.0		104	62-160				
1,1,1,2-Tetrachloroethane	10		"	10.0		104	84-127				
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-120				
Tetrachloroethylene	10		"	10.0		104	67-118				
Toluene	10		"	10.0		101	82-118				
1,2,4-Trichlorobenzene	11		"	10.0		107	78-117				
1,2,3-Trichlorobenzene	11		"	10.0		112	78-117				
1,1,1-Trichloroethane	11		"	10.0		107	80-131				
1,1,2-Trichloroethane	11		"	10.0		109	73-124				
Trichloroethylene	9.9		"	10.0		99.3	71-122				
Trichlorofluoromethane	11		"	10.0		106	67-130				
1,2,3-Trichloropropane	11		"	10.0		114	68-119				
1,3,5-Trimethylbenzene	10		"	10.0		100	74-121				
1,2,4-Trimethylbenzene	10		"	10.0		103	68-134				
Vinyl Chloride	9.1		"	10.0		90.9	49-125				
o-Xylene	10		"	10.0		103	83-117				
p- & m- Xylenes	21		"	20.0		103	80-126				
Surrogate: 1,2-Dichloroethane-d4	11		"	10.0		108	79-133				
Surrogate: p-Bromofluorobenzene	9.7		"	10.0		97.1	65-133				
Surrogate: Toluene-d8	9.7		"	10.0		97.1	80-123				

LCS Dup (BB40738-BSD1)

Prepared & Analyzed: 02/20/2014

Benzene	10		ug/L	10.0		104	77-122		1.16	30	
Bromobenzene	10		"	10.0		102	76-114		4.74	30	
Bromochloromethane	9.5		"	10.0		94.8	73-125		1.59	30	
Bromodichloromethane	11		"	10.0		107	83-120		4.47	30	
Bromoform	11		"	10.0		112	72-139		1.59	30	
Bromomethane	6.1		"	10.0		61.0	52-128		1.65	30	
tert-Butylbenzene	10		"	10.0		101	75-129		2.20	30	
n-Butylbenzene	10		"	10.0		103	69-127		3.36	30	
sec-Butylbenzene	10		"	10.0		102	72-132		3.18	30	
Carbon tetrachloride	11		"	10.0		110	66-152		1.19	30	
Chlorobenzene	11		"	10.0		105	85-113		2.59	30	
Chloroethane	10		"	10.0		100	60-124		0.501	30	
Chloroform	11		"	10.0		106	82-119		0.376	30	
Chloromethane	9.1		"	10.0		90.7	42-126		1.56	30	
2-Chlorotoluene	10		"	10.0		102	74-115		4.74	30	
4-Chlorotoluene	9.9		"	10.0		98.9	77-119		1.43	30	
Dibromochloromethane	11		"	10.0		110	74-151		1.10	30	
Dibromomethane	11		"	10.0		109	74-128		4.23	30	
1,2-Dichlorobenzene	10		"	10.0		105	83-110		3.09	30	
1,4-Dichlorobenzene	10		"	10.0		104	83-110		2.43	30	
1,3-Dichlorobenzene	10		"	10.0		104	82-112		3.13	30	
Dichlorodifluoromethane	9.8		"	10.0		98.3	10-146		1.33	30	
1,2-Dichloroethane	11		"	10.0		110	81-120		2.61	30	
1,1-Dichloroethane	11		"	10.0		114	79-123		1.32	30	
trans-1,2-Dichloroethylene	11		"	10.0		112	76-119		0.536	30	
cis-1,2-Dichloroethylene	11		"	10.0		111	79-116		1.27	30	
1,1-Dichloroethylene	11		"	10.0		108	71-123		3.30	30	
1,2-Dichloropropane	11		"	10.0		106	76-120		4.94	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB40738 - EPA 5030B

LCS Dup (BB40738-BSD1)

Prepared & Analyzed: 02/20/2014

2,2-Dichloropropane	11		ug/L	10.0		114	50-163		0.612	30	
1,3-Dichloropropane	11		"	10.0		108	77-122		0.0929	30	
cis-1,3-Dichloropropylene	11		"	10.0		111	85-134		3.31	30	
1,1-Dichloropropylene	10		"	10.0		104	73-117		1.15	30	
trans-1,3-Dichloropropylene	11		"	10.0		108	80-137		0.00	30	
Ethyl Benzene	11		"	10.0		105	85-125		3.87	30	
Hexachlorobutadiene	11		"	10.0		108	69-131		4.94	30	
Isopropylbenzene	10		"	10.0		101	71-128		3.11	30	
p-Isopropyltoluene	10		"	10.0		103	74-130		3.25	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		120	51-134		1.33	30	
Methylene chloride	10		"	10.0		100	76-122		5.42	30	
Naphthalene	12		"	10.0		119	72-127		0.677	30	
n-Propylbenzene	10		"	10.0		102	70-129		3.19	30	
Styrene	11		"	10.0		107	62-160		2.57	30	
1,1,1,2-Tetrachloroethane	11		"	10.0		107	84-127		2.65	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-120		1.47	30	
Tetrachloroethylene	11		"	10.0		107	67-118		3.42	30	
Toluene	10		"	10.0		105	82-118		3.80	30	
1,2,4-Trichlorobenzene	11		"	10.0		110	78-117		2.48	30	
1,2,3-Trichlorobenzene	11		"	10.0		114	78-117		2.13	30	
1,1,1-Trichloroethane	11		"	10.0		108	80-131		1.21	30	
1,1,2-Trichloroethane	11		"	10.0		110	73-124		0.915	30	
Trichloroethylene	11		"	10.0		106	71-122		6.72	30	
Trichlorofluoromethane	11		"	10.0		107	67-130		1.32	30	
1,2,3-Trichloropropane	11		"	10.0		110	68-119		4.10	30	
1,3,5-Trimethylbenzene	11		"	10.0		105	74-121		4.76	30	
1,2,4-Trimethylbenzene	11		"	10.0		105	68-134		2.21	30	
Vinyl Chloride	9.2		"	10.0		92.2	49-125		1.42	30	
o-Xylene	11		"	10.0		106	83-117		2.96	30	
p- & m- Xylenes	21		"	20.0		107	80-126		4.25	30	
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		105	79-133				
Surrogate: p-Bromofluorobenzene	9.9		"	10.0		98.8	65-133				
Surrogate: Toluene-d8	9.8		"	10.0		98.2	80-123				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB40817 - EPA 5030B

Blank (BB40817-BLK1)

Prepared & Analyzed: 02/21/2014

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
Dibromochloromethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"
p-Isopropyltoluene	ND	0.5	"
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.5	"
1,2,3-Trichlorobenzene	ND	0.5	"
1,1,1-Trichloroethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.5	"
Trichloroethylene	ND	0.5	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB40817 - EPA 5030B

Blank (BB40817-BLK1)

Prepared & Analyzed: 02/21/2014

Trichlorofluoromethane	ND	0.5	ug/L
1,2,3-Trichloropropane	ND	0.5	"
1,3,5-Trimethylbenzene	ND	0.5	"
1,2,4-Trimethylbenzene	ND	0.5	"
Vinyl Chloride	ND	0.5	"
o-Xylene	ND	0.5	"
p- & m- Xylenes	ND	1.0	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	10	"	10.0	100	79-133
Surrogate: p-Bromofluorobenzene	10	"	10.0	100	65-133
Surrogate: Toluene-d8	10	"	10.0	101	80-123

LCS (BB40817-BS1)

Prepared & Analyzed: 02/21/2014

Benzene	10	ug/L	10.0	102	77-122
Bromobenzene	10	"	10.0	103	76-114
Bromochloromethane	10	"	10.0	101	73-125
Bromodichloromethane	10	"	10.0	105	83-120
Bromoform	10	"	10.0	102	72-139
Bromomethane	11	"	10.0	110	52-128
tert-Butylbenzene	10	"	10.0	104	75-129
n-Butylbenzene	10	"	10.0	103	69-127
sec-Butylbenzene	10	"	10.0	104	72-132
Carbon tetrachloride	11	"	10.0	105	66-152
Chlorobenzene	10	"	10.0	101	85-113
Chloroethane	9.3	"	10.0	92.8	60-124
Chloroform	10	"	10.0	103	82-119
Chloromethane	10	"	10.0	102	42-126
2-Chlorotoluene	10	"	10.0	101	74-115
4-Chlorotoluene	10	"	10.0	102	77-119
Dibromochloromethane	10	"	10.0	101	74-151
Dibromomethane	10	"	10.0	104	74-128
1,2-Dichlorobenzene	10	"	10.0	102	83-110
1,4-Dichlorobenzene	10	"	10.0	101	83-110
1,3-Dichlorobenzene	10	"	10.0	101	82-112
Dichlorodifluoromethane	9.7	"	10.0	96.7	10-146
1,2-Dichloroethane	10	"	10.0	101	81-120
1,1-Dichloroethane	10	"	10.0	103	79-123
trans-1,2-Dichloroethylene	10	"	10.0	102	76-119
cis-1,2-Dichloroethylene	10	"	10.0	103	79-116
1,1-Dichloroethylene	10	"	10.0	104	71-123
1,2-Dichloropropane	9.9	"	10.0	99.0	76-120
2,2-Dichloropropane	10	"	10.0	99.6	50-163
1,3-Dichloropropane	9.9	"	10.0	99.3	77-122
cis-1,3-Dichloropropylene	10	"	10.0	104	85-134
1,1-Dichloropropylene	10	"	10.0	102	73-117
trans-1,3-Dichloropropylene	10	"	10.0	103	80-137
Ethyl Benzene	10	"	10.0	102	85-125
Hexachlorobutadiene	10	"	10.0	102	69-131
Isopropylbenzene	10	"	10.0	103	71-128
p-Isopropyltoluene	10	"	10.0	104	74-130
Methyl tert-butyl ether (MTBE)	10	"	10.0	103	51-134
Methylene chloride	9.9	"	10.0	99.0	76-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB40817 - EPA 5030B

LCS (BB40817-BS1)

Prepared & Analyzed: 02/21/2014

Naphthalene	10		ug/L	10.0		101	72-127				
n-Propylbenzene	10		"	10.0		104	70-129				
Styrene	10		"	10.0		101	62-160				
1,1,1,2-Tetrachloroethane	10		"	10.0		102	84-127				
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-120				
Tetrachloroethylene	10		"	10.0		103	67-118				
Toluene	10		"	10.0		101	82-118				
1,2,4-Trichlorobenzene	10		"	10.0		102	78-117				
1,2,3-Trichlorobenzene	10		"	10.0		100	78-117				
1,1,1-Trichloroethane	10		"	10.0		104	80-131				
1,1,2-Trichloroethane	10		"	10.0		102	73-124				
Trichloroethylene	10		"	10.0		101	71-122				
Trichlorofluoromethane	10		"	10.0		104	67-130				
1,2,3-Trichloropropane	10		"	10.0		100	68-119				
1,3,5-Trimethylbenzene	11		"	10.0		106	74-121				
1,2,4-Trimethylbenzene	10		"	10.0		102	68-134				
Vinyl Chloride	10		"	10.0		103	49-125				
o-Xylene	10		"	10.0		101	83-117				
p- & m- Xylenes	20		"	20.0		102	80-126				
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		102	79-133				
Surrogate: p-Bromofluorobenzene	9.9		"	10.0		99.3	65-133				
Surrogate: Toluene-d8	9.9		"	10.0		99.1	80-123				

LCS Dup (BB40817-BSD1)

Prepared & Analyzed: 02/21/2014

Benzene	10		ug/L	10.0		102	77-122		0.588	30	
Bromobenzene	10		"	10.0		104	76-114		0.193	30	
Bromochloromethane	10		"	10.0		101	73-125		0.595	30	
Bromodichloromethane	11		"	10.0		107	83-120		1.98	30	
Bromoform	10		"	10.0		103	72-139		0.292	30	
Bromomethane	11		"	10.0		108	52-128		1.56	30	
tert-Butylbenzene	10		"	10.0		104	75-129		0.865	30	
n-Butylbenzene	10		"	10.0		104	69-127		0.387	30	
sec-Butylbenzene	10		"	10.0		104	72-132		0.00	30	
Carbon tetrachloride	10		"	10.0		104	66-152		1.53	30	
Chlorobenzene	10		"	10.0		104	85-113		2.74	30	
Chloroethane	9.2		"	10.0		92.5	60-124		0.324	30	
Chloroform	10		"	10.0		103	82-119		0.292	30	
Chloromethane	10		"	10.0		104	42-126		1.36	30	
2-Chlorotoluene	10		"	10.0		102	74-115		0.690	30	
4-Chlorotoluene	10		"	10.0		102	77-119		0.588	30	
Dibromochloromethane	10		"	10.0		104	74-151		3.01	30	
Dibromomethane	11		"	10.0		107	74-128		2.66	30	
1,2-Dichlorobenzene	12		"	10.0		121	83-110	High Bias	16.5	30	
1,4-Dichlorobenzene	10		"	10.0		102	83-110		0.493	30	
1,3-Dichlorobenzene	10		"	10.0		102	82-112		0.296	30	
Dichlorodifluoromethane	9.6		"	10.0		96.1	10-146		0.622	30	
1,2-Dichloroethane	10		"	10.0		101	81-120		0.198	30	
1,1-Dichloroethane	10		"	10.0		104	79-123		0.776	30	
trans-1,2-Dichloroethylene	10		"	10.0		101	76-119		0.394	30	
cis-1,2-Dichloroethylene	10		"	10.0		103	79-116		0.486	30	
1,1-Dichloroethylene	10		"	10.0		101	71-123		2.64	30	
1,2-Dichloropropane	10		"	10.0		103	76-120		3.86	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB40817 - EPA 5030B

LCS Dup (BB40817-BSD1)

Prepared & Analyzed: 02/21/2014

2,2-Dichloropropane	9.9		ug/L	10.0		98.6	50-163		1.01	30	
1,3-Dichloropropane	10		"	10.0		103	77-122		3.95	30	
cis-1,3-Dichloropropylene	11		"	10.0		106	85-134		2.67	30	
1,1-Dichloropropylene	10		"	10.0		103	73-117		1.08	30	
trans-1,3-Dichloropropylene	11		"	10.0		106	80-137		3.16	30	
Ethyl Benzene	10		"	10.0		104	85-125		2.24	30	
Hexachlorobutadiene	10		"	10.0		102	69-131		0.00	30	
Isopropylbenzene	10		"	10.0		104	71-128		0.675	30	
p-Isopropyltoluene	10		"	10.0		103	74-130		0.193	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		101	51-134		1.97	30	
Methylene chloride	9.9		"	10.0		99.0	76-122		0.00	30	
Naphthalene	10		"	10.0		101	72-127		0.297	30	
n-Propylbenzene	10		"	10.0		104	70-129		0.00	30	
Styrene	10		"	10.0		103	62-160		2.15	30	
1,1,1,2-Tetrachloroethane	10		"	10.0		104	84-127		2.72	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-120		0.00	30	
Tetrachloroethylene	11		"	10.0		105	67-118		2.50	30	
Toluene	10		"	10.0		103	82-118		2.16	30	
1,2,4-Trichlorobenzene	10		"	10.0		101	78-117		0.984	30	
1,2,3-Trichlorobenzene	10		"	10.0		101	78-117		0.398	30	
1,1,1-Trichloroethane	10		"	10.0		105	80-131		0.766	30	
1,1,2-Trichloroethane	10		"	10.0		105	73-124		2.81	30	
Trichloroethylene	10		"	10.0		104	71-122		3.31	30	
Trichlorofluoromethane	10		"	10.0		104	67-130		0.769	30	
1,2,3-Trichloropropane	10		"	10.0		99.6	68-119		0.401	30	
1,3,5-Trimethylbenzene	11		"	10.0		106	74-121		0.659	30	
1,2,4-Trimethylbenzene	10		"	10.0		102	68-134		0.196	30	
Vinyl Chloride	10		"	10.0		102	49-125		1.56	30	
o-Xylene	10		"	10.0		103	83-117		2.15	30	
p- & m- Xylenes	21		"	20.0		105	80-126		2.60	30	
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		101	79-133				
Surrogate: p-Bromofluorobenzene	10		"	10.0		99.9	65-133				
Surrogate: Toluene-d8	10		"	10.0		101	80-123				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14B0440-01	GT-HR-RAW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0440-02	GT-HR-KITCHEN	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



YORK ANALYTICAL LABORATORIES
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(203) 325-1371
Fax (203) 357-0166

YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

Page 1 of 1

York Project No. 14 B0440

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Chazen	☒ SAME	☒ SAME	Name: Chazen	40702.13	RUSH-Same Day	Summary Report		RUSH-Same Day		x	
Address: 21 FOX ST			Name: Chazen	Grier Toyota	RUSH-Next Day			RUSH-Next Day		QA Report	
Poughkeepsie, NY 12601			Company:	Purchase Order #	RUSH-Two Day			RUSH-Two Day		CT RCP	
Phone.: 845-486-1558			Address:		RUSH-Three Day			RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact: Sean Martin			ATTN: Eric Orłowski		RUSH-Four Day			RUSH-Four Day		NY ASP A Package	
E-mail: smartin@chazencorporations.com			E-mail: eorowski@chazencorporations.com		Standard (5-7day)	Samples from CT, NY, X NJ		Standard (5-7day)		NY ASP B Package	
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.											
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor											
Samples Collected/Authorized By (Signature) Sean Martin Name (printed)											
OTHER:											
Analysis Requested (List above includes common analysis)											
Sample Identification	Date+Time Sampled	Matrix	GT-HR-RAW 2/18/2014 0910 GW 524.2 GT-HR-KITCHEN 2/18/2014 0930 GW 524.2								
Container Description 2 VOAS 2 VOAS											
Comments:											
Preservation (check all applicable) 4°C ☒ Frozen ☐ HCl ☐ MeOH ☐ HNO₃ ☐ H₂SO₄ ☐ NaOH ☐ Special Instructions Field Filtered ☐ Lab to Filter ☐											
Samples Relinquished By Date/Time Seam Martin 12/18/14 1245 Samples Received By Date/Time TC 2/18/14 12:45 Samples Relinquished By Date/Time Seam Martin 2/18/14 1600 Samples Received in LAB by Date/Time 2/18/14 1600 Temperature on Receipt 3.8 °C											



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Sean Martin

Report Date: 06/06/2014

Client Project ID: 40702.13 Grier Toyota

York Project (SDG) No.: 14F0058

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/06/2014
Client Project ID: 40702.13 Grier Toyota
York Project (SDG) No.: 14F0058

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Sean Martin

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 02, 2014 and listed below. The project was identified as your project: **40702.13 Grier Toyota**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14F0058-01	GT-HR-RAW	Water	05/30/2014	06/02/2014
14F0058-02	GT-HR-Kitchen	Water	05/30/2014	06/02/2014
14F0058-03	MW-4	Water	05/30/2014	06/02/2014
14F0058-04	MW-5	Water	05/30/2014	06/02/2014

General Notes for York Project (SDG) No.: 14F0058

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 06/06/2014





Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 14F0058-01

York Project (SDG) No.

14F0058

Client Project ID

40702.13 Grier Toyota

Matrix

Water

Collection Date/Time

May 30, 2014 10:28 am

Date Received

06/02/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
74-97-5	Bromochloromethane	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
75-25-2	Bromoform	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
74-83-9	Bromomethane	ND		ug/L	0.3	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
108-90-7	Chlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
75-00-3	Chloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
67-66-3	Chloroform	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
74-87-3	Chloromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.09	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.04	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.09	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 14F0058-01

York Project (SDG) No.

14F0058

Client Project ID

40702.13 Grier Toyota

Matrix

Water

Collection Date/Time

May 30, 2014 10:28 am

Date Received

06/02/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	1.2		ug/L	0.3	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
75-09-2	Methylene chloride	ND		ug/L	0.2	2.0	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
91-20-3	Naphthalene	ND		ug/L	0.6	2.0	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
100-42-5	Styrene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.09	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.3	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
79-01-6	Trichloroethylene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.3	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
95-47-6	* o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
179601-23-1	* p- & m- Xylenes	ND		ug/L	0.1	1.0	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:16	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	65-133								
2037-26-5	Surrogate: Toluene-d8	92.2 %	80-123								

Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 14F0058-02

York Project (SDG) No.

14F0058

Client Project ID

40702.13 Grier Toyota

Matrix

Water

Collection Date/Time

May 30, 2014 10:30 am

Date Received

06/02/2014



Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 14F0058-02

York Project (SDG) No.
14F0058

Client Project ID
40702.13 Grier Toyota

Matrix
Water

Collection Date/Time
May 30, 2014 10:30 am

Date Received
06/02/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
74-97-5	Bromochloromethane	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
75-25-2	Bromoform	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
74-83-9	Bromomethane	ND		ug/L	0.3	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
108-90-7	Chlorobenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
75-00-3	Chloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
67-66-3	Chloroform	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
74-87-3	Chloromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
74-95-3	Dibromomethane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.09	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.09	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.04	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.09	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK



Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 14F0058-02

York Project (SDG) No.
14F0058

Client Project ID
40702.13 Grier Toyota

Matrix
Water

Collection Date/Time
May 30, 2014 10:30 am

Date Received
06/02/2014

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.3	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
75-09-2	Methylene chloride	ND		ug/L	0.2	2.0	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
91-20-3	Naphthalene	ND		ug/L	0.6	2.0	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
100-42-5	Styrene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.08	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.09	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.3	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
79-01-6	Trichloroethylene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.2	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.3	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.06	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
95-47-6	* o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
179601-23-1	* p- & m- Xylenes	ND		ug/L	0.1	1.0	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2	06/04/2014 08:37	06/04/2014 16:55	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.8 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	106 %	65-133								
2037-26-5	Surrogate: Toluene-d8	95.6 %	80-123								

Sample Information

Client Sample ID: MW-4

York Sample ID: 14F0058-03

York Project (SDG) No.
14F0058

Client Project ID
40702.13 Grier Toyota

Matrix
Water

Collection Date/Time
May 30, 2014 3:00 pm

Date Received
06/02/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-4

York Sample ID: 14F0058-03

York Project (SDG) No.

14F0058

Client Project ID

40702.13 Grier Toyota

Matrix

Water

Collection Date/Time

May 30, 2014 3:00 pm

Date Received

06/02/2014

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-34-3	1,1-Dichloroethane	0.24	J	ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK



Sample Information

Client Sample ID: MW-4

York Sample ID: 14F0058-03

York Project (SDG) No.
14F0058

Client Project ID
40702.13 Grier Toyota

Matrix
Water

Collection Date/Time
May 30, 2014 3:00 pm

Date Received
06/02/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-09-2	Methylene chloride	1.0	CCV-E, J, B	ug/L	1.0	2.0	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	06/04/2014 08:37	06/04/2014 17:28	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	88.8 %	81-123								
2037-26-5	Surrogate: Toluene-d8	100 %	88-114								
460-00-4	Surrogate: p-Bromofluorobenzene	112 %	70-128								

Sample Information

Client Sample ID: MW-5

York Sample ID: 14F0058-04

York Project (SDG) No.
14F0058

Client Project ID
40702.13 Grier Toyota

Matrix
Water

Collection Date/Time
May 30, 2014 3:20 pm

Date Received
06/02/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
75-34-3	1,1-Dichloroethane	0.90		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK



Sample Information

Client Sample ID: MW-5

York Sample ID: 14F0058-04

York Project (SDG) No.
14F0058

Client Project ID
40702.13 Grier Toyota

Matrix
Water

Collection Date/Time
May 30, 2014 3:20 pm

Date Received
06/02/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
67-64-1	Acetone	3.8		ug/L	1.0	2.0	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
156-59-2	cis-1,2-Dichloroethylene	0.34	J	ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	0.40	J	ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK



Sample Information

Client Sample ID: MW-5

York Sample ID: 14F0058-04

York Project (SDG) No.
14F0058

Client Project ID
40702.13 Grier Toyota

Matrix
Water

Collection Date/Time
May 30, 2014 3:20 pm

Date Received
06/02/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	1.1	CCV-E, J, B	ug/L	1.0	2.0	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	06/04/2014 08:37	06/04/2014 18:03	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	90.2 %	81-123								
2037-26-5	Surrogate: Toluene-d8	100 %	88-114								
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	70-128								



Analytical Batch Summary

Batch ID: BF40201

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14F0058-01	GT-HR-RAW	06/04/14
14F0058-02	GT-HR-Kitchen	06/04/14
14F0058-03	MW-4	06/04/14
14F0058-04	MW-5	06/04/14
BF40201-BLK1	Blank	06/04/14
BF40201-BS1	LCS	06/04/14
BF40201-BSD1	LCS Dup	06/04/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF40201 - EPA 5030B

Blank (BF40201-BLK1)

Prepared & Analyzed: 06/04/2014

Benzene	ND	0.5	ug/L
1,1,1-Trichloroethane	ND	0.50	"
Bromobenzene	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
Bromochloromethane	ND	0.5	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
Bromodichloromethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.50	"
Bromoform	ND	0.5	"
1,1-Dichloroethane	ND	0.50	"
Bromomethane	ND	0.5	"
1,1-Dichloroethylene	ND	0.50	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
1,2,3-Trichlorobenzene	ND	0.50	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.50	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.5	"
1,2-Dibromoethane	ND	0.50	"
4-Chlorotoluene	ND	0.5	"
1,2-Dichlorobenzene	ND	0.50	"
Dibromochloromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.50	"
Dibromomethane	ND	0.5	"
1,2-Dichloropropane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,4-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
2-Butanone	ND	0.50	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
2-Hexanone	ND	0.50	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
4-Methyl-2-pentanone	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF40201 - EPA 5030B

Blank (BF40201-BLK1)

Prepared & Analyzed: 06/04/2014

Acetone	ND	2.0	ug/L
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"
p-Isopropyltoluene	ND	0.5	"
Benzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	2.0	"
Bromochloromethane	ND	0.50	"
Naphthalene	ND	2.0	"
Bromodichloromethane	ND	0.50	"
n-Propylbenzene	ND	0.5	"
Bromoform	ND	0.50	"
Styrene	ND	0.5	"
Bromomethane	ND	0.50	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
Carbon disulfide	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Carbon tetrachloride	ND	0.50	"
Tetrachloroethylene	ND	0.5	"
Chlorobenzene	ND	0.50	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.5	"
Chloroethane	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.5	"
Chloroform	ND	0.50	"
1,1,1-Trichloroethane	ND	0.5	"
Chloromethane	ND	0.50	"
1,1,2-Trichloroethane	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.50	"
Trichloroethylene	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.50	"
Trichlorofluoromethane	ND	0.5	"
Cyclohexane	ND	0.50	"
1,2,3-Trichloropropane	ND	0.5	"
Dibromochloromethane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.5	"
Vinyl Chloride	ND	0.5	"
o-Xylene	ND	0.5	"
p- & m- Xylenes	ND	1.0	"
Ethyl Benzene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	1.2	2.0	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
Styrene	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF40201 - EPA 5030B

Blank (BF40201-BLK1)

Prepared & Analyzed: 06/04/2014

Tetrachloroethylene	ND	0.50	ug/L								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.54</i>		<i>"</i>	<i>10.0</i>		<i>95.4</i>	<i>81-123</i>				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.5</i>		<i>"</i>	<i>10.0</i>		<i>95.4</i>	<i>79-133</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>88-114</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>65-133</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>70-128</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.9</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>80-123</i>				

LCS (BF40201-BS1)

Prepared & Analyzed: 06/04/2014

Benzene	10		ug/L	10.0		104	77-122				
Bromobenzene	10		"	10.0		105	76-114				
1,1,1-Trichloroethane	11		"	10.0		113	74-128				
Bromochloromethane	9.7		"	10.0		97.0	73-125				
1,1,2,2-Tetrachloroethane	10		"	10.0		102	71-130				
Bromodichloromethane	11		"	10.0		106	83-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.0		"	10.0		80.0	51-157				
Bromoform	13		"	10.0		129	72-139				
1,1,2-Trichloroethane	9.7		"	10.0		96.7	80-122				
Bromomethane	9.0		"	10.0		90.2	52-128				
1,1-Dichloroethane	11		"	10.0		110	70-131				
tert-Butylbenzene	11		"	10.0		108	75-129				
1,1-Dichloroethylene	8.2		"	10.0		82.2	60-143				
n-Butylbenzene	11		"	10.0		113	69-127				
sec-Butylbenzene	10		"	10.0		105	72-132				
1,2,3-Trichlorobenzene	14		"	10.0		138	68-140				
Carbon tetrachloride	12		"	10.0		115	66-152				
Chlorobenzene	9.6		"	10.0		95.9	85-113				
Chloroethane	7.5		"	10.0		75.2	60-124				
Chloroform	11		"	10.0		111	82-119				
1,2,4-Trichlorobenzene	14		"	10.0		139	65-143				
Chloromethane	6.5		"	10.0		65.1	42-126				
2-Chlorotoluene	10		"	10.0		102	74-115				
1,2-Dibromo-3-chloropropane	12		"	10.0		116	60-146				
4-Chlorotoluene	9.8		"	10.0		97.8	77-119				
1,2-Dibromoethane	11		"	10.0		110	82-122				
1,2-Dichlorobenzene	10		"	10.0		103	85-115				
Dibromochloromethane	11		"	10.0		112	74-151				
1,2-Dichloroethane	10		"	10.0		104	72-126				
Dibromomethane	11		"	10.0		107	74-128				
1,2-Dichlorobenzene	10		"	10.0		103	83-110				
1,2-Dichloropropane	9.7		"	10.0		97.2	78-119				
1,4-Dichlorobenzene	11		"	10.0		108	83-110				
1,3-Dichlorobenzene	11		"	10.0		106	82-112				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40201 - EPA 5030B											
LCS (BF40201-BS1)						Prepared & Analyzed: 06/04/2014					
1,3-Dichlorobenzene	11		ug/L	10.0		106	83-117				
Dichlorodifluoromethane	8.2		"	10.0		82.0	10-146				
1,2-Dichloroethane	10		"	10.0		104	81-120				
1,4-Dichlorobenzene	11		"	10.0		108	83-118				
1,1-Dichloroethane	11		"	10.0		110	79-123				
trans-1,2-Dichloroethylene	11		"	10.0		109	76-119				
cis-1,2-Dichloroethylene	12		"	10.0		119	79-116	High Bias			
1,1-Dichloroethylene	8.3		"	10.0		82.7	71-123				
2-Butanone	12		"	10.0		119	48-156				
1,2-Dichloropropane	9.7		"	10.0		97.3	76-120				
2,2-Dichloropropane	12		"	10.0		119	50-163				
1,3-Dichloropropane	10		"	10.0		99.5	77-122				
2-Hexanone	8.5		"	10.0		84.6	50-151				
cis-1,3-Dichloropropylene	11		"	10.0		112	85-134				
1,1-Dichloropropylene	11		"	10.0		113	73-117				
trans-1,3-Dichloropropylene	10		"	10.0		102	80-137				
4-Methyl-2-pentanone	8.9		"	10.0		89.4	55-147				
Ethyl Benzene	9.4		"	10.0		93.5	85-125				
Acetone	5.6		"	10.0		55.7	21-172				
Hexachlorobutadiene	14		"	10.0		144	69-131	High Bias			
Isopropylbenzene	11		"	10.0		107	71-128				
p-Isopropyltoluene	11		"	10.0		111	74-130				
Methyl tert-butyl ether (MTBE)	11		"	10.0		107	51-134				
Benzene	10		"	10.0		103	82-120				
Methylene chloride	15		"	10.0		146	76-122	High Bias			
Naphthalene	13		"	10.0		130	72-127	High Bias			
Bromochloromethane	9.7		"	10.0		96.8	69-125				
n-Propylbenzene	10		"	10.0		103	70-129				
Bromodichloromethane	11		"	10.0		106	84-117				
Styrene	9.1		"	10.0		91.4	62-160				
Bromoform	13		"	10.0		129	77-130				
1,1,1,2-Tetrachloroethane	10		"	10.0		101	84-127				
Bromomethane	8.8		"	10.0		88.5	16-162				
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-120				
Carbon disulfide	8.5		"	20.0		42.6	21-78				
Tetrachloroethylene	11		"	10.0		115	67-118				
Carbon tetrachloride	12		"	10.0		115	72-132				
Toluene	9.0		"	10.0		90.5	82-118				
Chlorobenzene	9.6		"	10.0		95.8	88-112				
1,2,4-Trichlorobenzene	14		"	10.0		139	78-117	High Bias			
1,2,3-Trichlorobenzene	14		"	10.0		139	78-117	High Bias			
Chloroethane	7.5		"	10.0		75.0	29-172				
1,1,1-Trichloroethane	11		"	10.0		113	80-131				
Chloroform	11		"	10.0		110	77-124				
1,1,2-Trichloroethane	9.7		"	10.0		96.7	73-124				
Chloromethane	6.5		"	10.0		64.6	37-131				
Trichloroethylene	11		"	10.0		108	71-122				
cis-1,2-Dichloroethylene	12		"	10.0		119	77-124				
Trichlorofluoromethane	8.6		"	10.0		86.2	67-130				
cis-1,3-Dichloropropylene	11		"	10.0		112	81-117				
1,2,3-Trichloropropane	11		"	10.0		106	68-119				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF40201 - EPA 5030B

LCS (BF40201-BS1)

Prepared & Analyzed: 06/04/2014

Cyclohexane	10		ug/L	10.0		103	70-130				
Dibromochloromethane	11		"	10.0		112	72-131				
1,3,5-Trimethylbenzene	11		"	10.0		106	74-121				
1,2,4-Trimethylbenzene	11		"	10.0		106	68-134				
Dichlorodifluoromethane	8.2		"	10.0		81.8	47-152				
Vinyl Chloride	6.9		"	10.0		68.7	49-125				
o-Xylene	9.1		"	10.0		90.6	83-117				
p- & m- Xylenes	18		"	20.0		89.5	80-126				
Ethyl Benzene	9.4		"	10.0		93.5	86-114				
Isopropylbenzene	11		"	10.0		107	84-118				
Methyl acetate	8.1		"	10.0		80.8	20-177				
Methyl tert-butyl ether (MTBE)	11		"	10.0		107	49-156				
Methylcyclohexane	10		"	10.0		102	70-130				
Methylene chloride	14		"	10.0		137	51-145				
o-Xylene	9.0		"	10.0		90.5	85-114				
p- & m- Xylenes	18		"	20.0		89.4	84-117				
Styrene	9.2		"	10.0		91.5	77-126				
Tetrachloroethylene	11		"	10.0		115	75-129				
Toluene	9.0		"	10.0		90.4	86-113				
trans-1,2-Dichloroethylene	11		"	10.0		108	55-148				
trans-1,3-Dichloropropylene	10		"	10.0		102	77-120				
Trichloroethylene	11		"	10.0		108	85-115				
Trichlorofluoromethane	8.6		"	10.0		85.5	69-131				
Vinyl Chloride	6.8		"	10.0		68.4	44-152				
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		100	79-133				
Surrogate: 1,2-Dichloroethane-d4	9.97		"	10.0		99.7	81-123				
Surrogate: p-Bromofluorobenzene	12		"	10.0		117	65-133				
Surrogate: Toluene-d8	9.33		"	10.0		93.3	88-114				
Surrogate: Toluene-d8	9.3		"	10.0		93.3	80-123				
Surrogate: p-Bromofluorobenzene	11.6		"	10.0		116	70-128				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40201 - EPA 5030B											
LCS Dup (BF40201-BSD1)						Prepared & Analyzed: 06/04/2014					
Benzene	11		ug/L	10.0		110	77-122		5.89	30	
1,1,1-Trichloroethane	12		"	10.0		120	74-128		6.36	30	
Bromobenzene	11		"	10.0		109	76-114		3.93	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		106	71-130		4.04	30	
Bromochloromethane	10		"	10.0		104	73-125		6.68	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.4		"	10.0		84.3	51-157		5.23	30	
Bromodichloromethane	11		"	10.0		109	83-120		3.26	30	
1,1,2-Trichloroethane	10		"	10.0		100	80-122		3.65	30	
Bromoform	13		"	10.0		131	72-139		1.00	30	
1,1-Dichloroethane	12		"	10.0		115	70-131		4.98	30	
Bromomethane	9.0		"	10.0		90.2	52-128		0.00	30	
1,1-Dichloroethylene	8.6		"	10.0		85.9	60-143		4.40	30	
tert-Butylbenzene	11		"	10.0		106	75-129		1.88	30	
n-Butylbenzene	11		"	10.0		112	69-127		0.444	30	
1,2,3-Trichlorobenzene	14		"	10.0		141	68-140	High Bias	1.86	30	
sec-Butylbenzene	10		"	10.0		105	72-132		0.0954	30	
Carbon tetrachloride	12		"	10.0		124	66-152		6.78	30	
Chlorobenzene	9.9		"	10.0		99.4	85-113		3.58	30	
Chloroethane	7.8		"	10.0		78.3	60-124		4.04	30	
1,2,4-Trichlorobenzene	14		"	10.0		142	65-143		2.56	30	
Chloroform	12		"	10.0		118	82-119		6.29	30	
Chloromethane	6.6		"	10.0		66.4	42-126		1.98	30	
1,2-Dibromo-3-chloropropane	13		"	10.0		128	60-146		9.27	30	
2-Chlorotoluene	10		"	10.0		100	74-115		2.07	30	
1,2-Dibromoethane	12		"	10.0		116	82-122		5.84	30	
4-Chlorotoluene	9.6		"	10.0		96.3	77-119		1.55	30	
1,2-Dichlorobenzene	10		"	10.0		105	85-115		1.15	30	
Dibromochloromethane	12		"	10.0		118	74-151		5.11	30	
1,2-Dichloroethane	11		"	10.0		110	72-126		6.36	30	
Dibromomethane	11		"	10.0		112	74-128		4.76	30	
1,2-Dichloropropane	10		"	10.0		100	78-119		3.34	30	
1,2-Dichlorobenzene	10		"	10.0		105	83-110		1.15	30	
1,4-Dichlorobenzene	11		"	10.0		109	83-110		0.460	30	
1,3-Dichlorobenzene	11		"	10.0		107	83-117		0.658	30	
1,3-Dichlorobenzene	11		"	10.0		107	82-112		0.658	30	
Dichlorodifluoromethane	8.8		"	10.0		87.7	10-146		6.72	30	
1,4-Dichlorobenzene	11		"	10.0		109	83-118		0.644	30	
1,2-Dichloroethane	11		"	10.0		110	81-120		6.07	30	
1,1-Dichloroethane	11		"	10.0		115	79-123		4.63	30	
trans-1,2-Dichloroethylene	11		"	10.0		114	76-119		4.58	30	
cis-1,2-Dichloroethylene	12		"	10.0		124	79-116	High Bias	4.18	30	
2-Butanone	13		"	10.0		128	48-156		7.34	30	
1,1-Dichloroethylene	8.6		"	10.0		86.4	71-123		4.38	30	
1,2-Dichloropropane	10		"	10.0		101	76-120		3.34	30	
2,2-Dichloropropane	12		"	10.0		122	50-163		2.65	30	
2-Hexanone	9.2		"	10.0		92.0	50-151		8.38	30	
1,3-Dichloropropane	10		"	10.0		103	77-122		3.65	30	
cis-1,3-Dichloropropylene	11		"	10.0		114	85-134		2.03	30	
1,1-Dichloropropylene	12		"	10.0		115	73-117		2.28	30	
4-Methyl-2-pentanone	9.5		"	10.0		95.1	55-147		6.18	30	
trans-1,3-Dichloropropylene	10		"	10.0		105	80-137		2.71	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40201 - EPA 5030B											
LCS Dup (BF40201-BSD1)						Prepared & Analyzed: 06/04/2014					
Acetone	6.4		ug/L	10.0		64.5	21-172		14.6	30	
Ethyl Benzene	9.7		"	10.0		96.7	85-125		3.36	30	
Hexachlorobutadiene	14		"	10.0		143	69-131	High Bias	0.767	30	
Isopropylbenzene	11		"	10.0		106	71-128		0.936	30	
p-Isopropyltoluene	11		"	10.0		110	74-130		1.63	30	
Benzene	11		"	10.0		109	82-120		6.13	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		114	51-134		5.79	30	
Methylene chloride	16		"	10.0		155	76-122	High Bias	5.91	30	
Bromochloromethane	10		"	10.0		104	69-125		6.88	30	
Naphthalene	14		"	10.0		136	72-127	High Bias	4.06	30	
Bromodichloromethane	11		"	10.0		109	84-117		3.26	30	
n-Propylbenzene	10		"	10.0		103	70-129		0.679	30	
Styrene	9.5		"	10.0		94.8	62-160		3.65	30	
Bromoform	13		"	10.0		131	77-130	High Bias	1.00	30	
Bromomethane	9.1		"	10.0		90.8	16-162		2.57	30	
1,1,1,2-Tetrachloroethane	11		"	10.0		105	84-127		3.68	30	
Carbon disulfide	9.0		"	20.0		44.9	21-78		5.26	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-120		4.04	30	
Carbon tetrachloride	12		"	10.0		124	72-132		7.04	30	
Tetrachloroethylene	12		"	10.0		120	67-118	High Bias	4.35	30	
Chlorobenzene	9.9		"	10.0		99.3	88-112		3.59	30	
Toluene	9.4		"	10.0		93.8	82-118		3.58	30	
1,2,4-Trichlorobenzene	14		"	10.0		142	78-117	High Bias	2.56	30	
Chloroethane	7.8		"	10.0		78.1	29-172		4.05	30	
1,2,3-Trichlorobenzene	14		"	10.0		141	78-117	High Bias	1.64	30	
Chloroform	12		"	10.0		118	77-124		6.65	30	
1,1,1-Trichloroethane	12		"	10.0		120	80-131		6.19	30	
Chloromethane	6.6		"	10.0		66.4	37-131		2.75	30	
1,1,2-Trichloroethane	10		"	10.0		100	73-124		3.75	30	
Trichloroethylene	11		"	10.0		111	71-122		2.47	30	
cis-1,2-Dichloroethylene	13		"	10.0		126	77-124	High Bias	5.40	30	
cis-1,3-Dichloropropylene	11		"	10.0		114	81-117		1.86	30	
Trichlorofluoromethane	9.0		"	10.0		89.8	67-130		4.09	30	
Cyclohexane	11		"	10.0		109	70-130		5.56	30	
1,2,3-Trichloropropane	11		"	10.0		108	68-119		2.43	30	
Dibromochloromethane	12		"	10.0		118	72-131		5.11	30	
1,3,5-Trimethylbenzene	11		"	10.0		107	74-121		1.22	30	
Dichlorodifluoromethane	8.8		"	10.0		87.5	47-152		6.73	30	
1,2,4-Trimethylbenzene	11		"	10.0		108	68-134		2.34	30	
Vinyl Chloride	7.1		"	10.0		70.8	49-125		3.01	30	
o-Xylene	9.3		"	10.0		93.3	83-117		2.94	30	
p- & m- Xylenes	19		"	20.0		93.0	80-126		3.78	30	
Ethyl Benzene	9.7		"	10.0		96.7	86-114		3.36	30	
Isopropylbenzene	11		"	10.0		106	84-118		1.03	30	
Methyl acetate	8.5		"	10.0		85.0	20-177		5.07	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		114	49-156		6.26	30	
Methylcyclohexane	11		"	10.0		106	70-130		3.17	30	
Methylene chloride	15		"	10.0		146	51-145	High Bias	6.14	30	
o-Xylene	9.3		"	10.0		93.3	85-114		3.05	30	
p- & m- Xylenes	19		"	20.0		92.8	84-117		3.79	30	
Styrene	9.5		"	10.0		94.7	77-126		3.44	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF40201 - EPA 5030B

LCS Dup (BF40201-BSD1)

Prepared & Analyzed: 06/04/2014

Tetrachloroethylene	12		ug/L	10.0		120	75-129		4.35	30	
Toluene	9.4		"	10.0		93.7	86-113		3.59	30	
trans-1,2-Dichloroethylene	11		"	10.0		114	55-148		4.86	30	
trans-1,3-Dichloropropylene	10		"	10.0		105	77-120		2.71	30	
Trichloroethylene	11		"	10.0		111	85-115		2.47	30	
Trichlorofluoromethane	8.9		"	10.0		89.3	69-131		4.35	30	
Vinyl Chloride	7.1		"	10.0		70.8	44-152		3.45	30	
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	81-123				
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		103	79-133				
Surrogate: Toluene-d8	9.39		"	10.0		93.9	88-114				
Surrogate: p-Bromofluorobenzene	11		"	10.0		114	65-133				
Surrogate: p-Bromofluorobenzene	11.4		"	10.0		114	70-128				
Surrogate: Toluene-d8	9.4		"	10.0		94.0	80-123				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14F0058-01	GT-HR-RAW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14F0058-02	GT-HR-Kitchen	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14F0058-03	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14F0058-04	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.





YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested. _____ signature binds you to York's Std. Terms & Conditions.

Page 1 of 1

York Project No. 14F0058

[illegible]



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 01/29/2015

Client Project ID: 40702.00

York Project (SDG) No.: 15A0542

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 01/29/2015
Client Project ID: 40702.00
York Project (SDG) No.: 15A0542

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 19, 2015 and listed below. The project was identified as your project: **40702.00**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15A0542-01	GT-MW-4	Water	01/16/2015	01/19/2015
15A0542-02	GT-MW-5	Water	01/16/2015	01/19/2015
15A0542-03	Hal-Raw	Drinking Water	01/16/2015	01/19/2015

General Notes for York Project (SDG) No.: 15A0542

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 01/29/2015





Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 15A0542-01

York Project (SDG) No.

15A0542

Client Project ID

40702.00

Matrix

Water

Collection Date/Time

January 16, 2015 12:37 pm

Date Received

01/19/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
78-93-3	2-Butanone	0.23	J	ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
67-64-1	Acetone	3.0	Cal-E, CCV-E, ICV-E	ug/L	1.0	2.0	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-27-4	Bromodichloromethane	1.2		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
67-66-3	Chloroform	4.9		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS



Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 15A0542-01

York Project (SDG) No.
15A0542

Client Project ID
40702.00

Matrix
Water

Collection Date/Time
January 16, 2015 12:37 pm

Date Received
01/19/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	0.22	J	ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/23/2015 07:56	01/23/2015 20:51	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	79-122								

Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 15A0542-02

York Project (SDG) No.
15A0542

Client Project ID
40702.00

Matrix
Water

Collection Date/Time
January 16, 2015 12:21 pm

Date Received
01/19/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS



Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 15A0542-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15A0542

40702.00

Water

January 16, 2015 12:21 pm

01/19/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-34-3	1,1-Dichloroethane	0.42	J	ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
67-64-1	Acetone	5.8	Cal-E, CCV-E, ICV-E	ug/L	1.0	2.0	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-27-4	Bromodichloromethane	0.34	J	ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
67-66-3	Chloroform	1.6		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS



Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 15A0542-02

York Project (SDG) No.
15A0542

Client Project ID
40702.00

Matrix
Water

Collection Date/Time
January 16, 2015 12:21 pm

Date Received
01/19/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.24	J	ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/23/2015 07:56	01/23/2015 21:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: Toluene-d8	99.1 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	95.4 %	79-122								

Sample Information

Client Sample ID: Hal-Raw

York Sample ID: 15A0542-03

York Project (SDG) No.
15A0542

Client Project ID
40702.00

Matrix
Drinking Water

Collection Date/Time
January 16, 2015 10:09 am

Date Received
01/19/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.06	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
75-25-2	Bromoform	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS



Sample Information

Client Sample ID: Hal-Raw

York Sample ID: 15A0542-03

York Project (SDG) No.

15A0542

Client Project ID

40702.00

Matrix

Drinking Water

Collection Date/Time

January 16, 2015 10:09 am

Date Received

01/19/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.09	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
75-00-3	Chloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
67-66-3	Chloroform	1.3		ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
74-87-3	Chloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.08	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
594-20-7	* 2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.04	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.09	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	1.0	CCV-E	ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
91-20-3	Naphthalene	ND		ug/L	0.06	2.0	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS



Sample Information

Client Sample ID: Hal-Raw

York Sample ID: 15A0542-03

York Project (SDG) No.
15A0542

Client Project ID
40702.00

Matrix
Drinking Water

Collection Date/Time
January 16, 2015 10:09 am

Date Received
01/19/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.08	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.2	1.0	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2	01/28/2015 17:57	01/29/2015 01:18	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %	79-122								
2037-26-5	Surrogate: Toluene-d8	93.8 %	81-117								



Analytical Batch Summary

Batch ID: BA51052

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15A0542-01	GT-MW-4	01/23/15
15A0542-02	GT-MW-5	01/23/15
BA51052-BLK1	Blank	01/23/15
BA51052-BS1	LCS	01/23/15
BA51052-BSD1	LCS Dup	01/23/15

Batch ID: BA51214

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15A0542-03	Hal-Raw	01/28/15
BA51214-BLK1	Blank	01/28/15
BA51214-BS1	LCS	01/28/15
BA51214-BSD1	LCS Dup	01/28/15



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51052 - EPA 5030B											
Blank (BA51052-BLK1)										Prepared & Analyzed: 01/23/2015	
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.74	0.50	"								
1,2,4-Trichlorobenzene	0.46	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BA51052 - EPA 5030B

Blank (BA51052-BLK1)

Prepared & Analyzed: 01/23/2015

Xylenes, Total	ND	1.5	ug/L								
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: Toluene-d8	10.9		"	10.0		109	81-117				
Surrogate: p-Bromofluorobenzene	9.58		"	10.0		95.8	79-122				

LCS (BA51052-BS1)

Prepared & Analyzed: 01/23/2015

1,1,1-Trichloroethane	8.4		ug/L	10.0		84.5	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.0		"	10.0		80.1	54-165				
1,1,2-Trichloroethane	10		"	10.0		103	82-123				
1,1-Dichloroethane	9.0		"	10.0		90.2	82-129				
1,1-Dichloroethylene	8.7		"	10.0		86.9	68-138				
1,2,3-Trichlorobenzene	9.5		"	10.0		95.4	76-136				
1,2,4-Trichlorobenzene	10		"	10.0		100	76-137				
1,2-Dibromo-3-chloropropane	11		"	10.0		113	45-147				
1,2-Dibromoethane	10		"	10.0		102	83-124				
1,2-Dichlorobenzene	11		"	10.0		106	79-123				
1,2-Dichloroethane	8.7		"	10.0		87.1	73-132				
1,2-Dichloropropane	9.3		"	10.0		93.2	78-126				
1,3-Dichlorobenzene	10		"	10.0		103	86-122				
1,4-Dichlorobenzene	9.8		"	10.0		98.4	85-124				
2-Butanone	10		"	10.0		102	49-152				
2-Hexanone	9.9		"	10.0		99.2	51-146				
4-Methyl-2-pentanone	10		"	10.0		103	57-145				
Acetone	7.1		"	10.0		70.8	14-150				
Benzene	8.6		"	10.0		86.3	85-126				
Bromochloromethane	9.2		"	10.0		91.8	77-128				
Bromodichloromethane	9.6		"	10.0		96.2	79-128				
Bromoform	11		"	10.0		109	78-133				
Bromomethane	7.7		"	10.0		76.9	43-168				
Carbon disulfide	9.0		"	10.0		89.6	68-146				
Carbon tetrachloride	8.6		"	10.0		85.6	77-141				
Chlorobenzene	10		"	10.0		101	88-120				
Chloroethane	8.4		"	10.0		84.3	65-136				
Chloroform	9.0		"	10.0		89.9	82-128				
Chloromethane	7.3		"	10.0		73.1	43-155				
cis-1,2-Dichloroethylene	9.3		"	10.0		92.7	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		108	80-131				
Cyclohexane	8.0		"	10.0		80.1	63-149				
Dibromochloromethane	10		"	10.0		99.6	80-130				
Dichlorodifluoromethane	6.8		"	10.0		68.1	44-144				
Ethyl Benzene	9.7		"	10.0		96.9	80-131				
Isopropylbenzene	10		"	10.0		104	76-140				
Methyl acetate	9.4		"	10.0		94.2	51-139				
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		94.9	76-135				
Methylcyclohexane	9.1		"	10.0		90.8	72-143				
Methylene chloride	8.6		"	10.0		85.5	55-137				
o-Xylene	9.6		"	10.0		96.5	78-130				
p- & m- Xylenes	19		"	20.0		97.0	77-133				
Styrene	10		"	10.0		103	67-132				
Tetrachloroethylene	9.4		"	10.0		94.4	82-131				
Toluene	9.4		"	10.0		94.2	80-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51052 - EPA 5030B											
LCS (BA51052-BS1)						Prepared & Analyzed: 01/23/2015					
trans-1,2-Dichloroethylene	9.2		ug/L	10.0		91.6	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131				
Trichloroethylene	9.5		"	10.0		94.7	82-128				
Trichlorofluoromethane	8.0		"	10.0		79.8	67-139				
Vinyl Chloride	7.9		"	10.0		79.0	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>79-122</i>				
LCS Dup (BA51052-BSD1)						Prepared & Analyzed: 01/23/2015					
1,1,1-Trichloroethane	8.9		ug/L	10.0		88.6	78-136		4.74	30	
1,1,2,2-Tetrachloroethane	9.6		"	10.0		95.9	76-129		11.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.6		"	10.0		75.9	54-165		5.38	30	
1,1,2-Trichloroethane	9.7		"	10.0		96.6	82-123		6.41	30	
1,1-Dichloroethane	8.8		"	10.0		87.8	82-129		2.70	30	
1,1-Dichloroethylene	8.4		"	10.0		83.6	68-138		3.87	30	
1,2,3-Trichlorobenzene	10		"	10.0		99.6	76-136		4.31	30	
1,2,4-Trichlorobenzene	9.8		"	10.0		98.0	76-137		2.42	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.5	45-147		15.6	30	
1,2-Dibromoethane	9.2		"	10.0		92.0	83-124		10.5	30	
1,2-Dichlorobenzene	10		"	10.0		100	79-123		5.80	30	
1,2-Dichloroethane	8.7		"	10.0		87.1	73-132		0.00	30	
1,2-Dichloropropane	8.9		"	10.0		88.8	78-126		4.84	30	
1,3-Dichlorobenzene	10		"	10.0		105	86-122		1.44	30	
1,4-Dichlorobenzene	9.6		"	10.0		95.6	85-124		2.89	30	
2-Butanone	10		"	10.0		104	49-152		2.34	30	
2-Hexanone	9.6		"	10.0		96.5	51-146		2.76	30	
4-Methyl-2-pentanone	7.8		"	10.0		77.6	57-145		28.5	30	
Acetone	7.0		"	10.0		69.9	14-150		1.28	30	
Benzene	8.8		"	10.0		87.7	85-126		1.61	30	
Bromochloromethane	9.3		"	10.0		92.6	77-128		0.868	30	
Bromodichloromethane	9.7		"	10.0		96.6	79-128		0.415	30	
Bromoform	11		"	10.0		106	78-133		3.16	30	
Bromomethane	8.4		"	10.0		84.5	43-168		9.42	30	
Carbon disulfide	8.7		"	10.0		86.8	68-146		3.17	30	
Carbon tetrachloride	8.6		"	10.0		86.1	77-141		0.582	30	
Chlorobenzene	9.8		"	10.0		98.1	88-120		3.21	30	
Chloroethane	8.0		"	10.0		79.5	65-136		5.86	30	
Chloroform	9.1		"	10.0		91.4	82-128		1.65	30	
Chloromethane	7.6		"	10.0		76.0	43-155		3.89	30	
cis-1,2-Dichloroethylene	9.2		"	10.0		92.1	83-129		0.649	30	
cis-1,3-Dichloropropylene	10		"	10.0		100	80-131		7.56	30	
Cyclohexane	8.4		"	10.0		83.5	63-149		4.16	30	
Dibromochloromethane	9.6		"	10.0		95.9	80-130		3.79	30	
Dichlorodifluoromethane	6.8		"	10.0		68.5	44-144		0.586	30	
Ethyl Benzene	9.5		"	10.0		95.3	80-131		1.66	30	
Isopropylbenzene	10		"	10.0		100	76-140		2.94	30	
Methyl acetate	9.1		"	10.0		90.7	51-139		3.79	30	
Methyl tert-butyl ether (MTBE)	8.8		"	10.0		88.1	76-135		7.43	30	
Methylcyclohexane	8.7		"	10.0		86.8	72-143		4.50	30	
Methylene chloride	8.7		"	10.0		86.7	55-137		1.39	30	
o-Xylene	9.9		"	10.0		98.8	78-130		2.36	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BA51052 - EPA 5030B

LCS Dup (BA51052-BSD1)

Prepared & Analyzed: 01/23/2015

p- & m- Xylenes	19		ug/L	20.0		96.2	77-133		0.777	30
Styrene	10		"	10.0		104	67-132		0.580	30
Tetrachloroethylene	9.1		"	10.0		90.8	82-131		3.89	30
Toluene	8.4		"	10.0		84.5	80-127		10.9	30
trans-1,2-Dichloroethylene	8.9		"	10.0		88.9	80-132		2.99	30
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131		3.21	30
Trichloroethylene	9.0		"	10.0		89.8	82-128		5.31	30
Trichlorofluoromethane	8.3		"	10.0		83.0	67-139		3.93	30
Vinyl Chloride	8.0		"	10.0		79.5	58-145		0.631	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81-117</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>79-122</i>			

Batch BA51214 - EPA 5030B

Blank (BA51214-BLK1)

Prepared & Analyzed: 01/28/2015

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
Dibromochloromethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BA51214 - EPA 5030B

Blank (BA51214-BLK1)

Prepared & Analyzed: 01/28/2015

p-Isopropyltoluene	ND	0.5	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	0.5	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.5	"
1,2,3-Trichlorobenzene	0.5	0.5	"
1,1,1-Trichloroethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.5	"
Trichloroethylene	ND	0.5	"
Trichlorofluoromethane	ND	0.5	"
1,2,3-Trichloropropane	ND	0.5	"
1,3,5-Trimethylbenzene	ND	0.5	"
1,2,4-Trimethylbenzene	ND	0.5	"
Vinyl Chloride	ND	0.5	"
o-Xylene	ND	0.5	"
p- & m- Xylenes	ND	1.0	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	9.8	"	10.0	98.3	69-130
Surrogate: p-Bromofluorobenzene	10	"	10.0	100	79-122
Surrogate: Toluene-d8	9.4	"	10.0	93.9	81-117

LCS (BA51214-BS1)

Prepared & Analyzed: 01/28/2015

Benzene	12	ug/L	10.0	115	85-126
Bromobenzene	9.6	"	10.0	95.7	78-129
Bromochloromethane	11	"	10.0	112	77-128
Bromodichloromethane	10	"	10.0	104	79-128
Bromoform	12	"	10.0	115	78-133
Bromomethane	12	"	10.0	120	43-168
tert-Butylbenzene	9.1	"	10.0	91.4	77-138
n-Butylbenzene	8.8	"	10.0	88.3	79-132
sec-Butylbenzene	9.1	"	10.0	90.6	79-137
Carbon tetrachloride	12	"	10.0	122	77-141
Chlorobenzene	9.8	"	10.0	98.5	88-120
Chloroethane	10	"	10.0	102	65-136
Chloroform	12	"	10.0	119	82-128
Chloromethane	10	"	10.0	99.5	43-155
2-Chlorotoluene	9.1	"	10.0	90.9	79-130
4-Chlorotoluene	9.2	"	10.0	91.7	79-128
Dibromochloromethane	11	"	10.0	109	80-130
Dibromomethane	10	"	10.0	101	72-134
1,2-Dichlorobenzene	9.3	"	10.0	92.7	79-123
1,4-Dichlorobenzene	9.4	"	10.0	93.8	84-124
1,3-Dichlorobenzene	9.3	"	10.0	93.1	86-122
Dichlorodifluoromethane	9.6	"	10.0	96.3	44-144
1,2-Dichloroethane	11	"	10.0	114	73-132
1,1-Dichloroethane	11	"	10.0	110	82-129



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BA51214 - EPA 5030B

LCS (BA51214-BS1)

Prepared & Analyzed: 01/28/2015

trans-1,2-Dichloroethylene	11		ug/L	10.0		108	80-132				
cis-1,2-Dichloroethylene	11		"	10.0		114	83-129				
1,1-Dichloroethylene	11		"	10.0		113	68-138				
1,2-Dichloropropane	9.8		"	10.0		98.0	78-126				
2,2-Dichloropropane	14		"	10.0		144	56-150				
1,3-Dichloropropane	10		"	10.0		103	81-125				
cis-1,3-Dichloropropylene	12		"	10.0		116	79-131				
1,1-Dichloropropylene	11		"	10.0		115	83-133				
trans-1,3-Dichloropropylene	11		"	10.0		109	78-131				
Ethyl Benzene	9.5		"	10.0		95.1	80-131				
Hexachlorobutadiene	8.6		"	10.0		86.2	67-146				
Isopropylbenzene	9.2		"	10.0		92.5	76-140				
p-Isopropyltoluene	9.0		"	10.0		89.6	81-136				
Methyl tert-butyl ether (MTBE)	12		"	10.0		123	76-135				
Methylene chloride	11		"	10.0		108	55-137				
Naphthalene	9.2		"	10.0		92.3	70-147				
n-Propylbenzene	9.2		"	10.0		92.1	78-133				
Styrene	10		"	10.0		102	67-132				
1,1,1,2-Tetrachloroethane	10		"	10.0		102	82-126				
1,1,2,2-Tetrachloroethane	9.7		"	10.0		96.6	76-129				
Tetrachloroethylene	9.8		"	10.0		97.9	82-131				
Toluene	9.6		"	10.0		96.3	79-127				
1,2,4-Trichlorobenzene	8.8		"	10.0		87.6	76-137				
1,2,3-Trichlorobenzene	8.7		"	10.0		86.6	76-136				
1,1,1-Trichloroethane	12		"	10.0		120	78-136				
1,1,2-Trichloroethane	10		"	10.0		103	82-123				
Trichloroethylene	9.8		"	10.0		98.3	82-128				
Trichlorofluoromethane	11		"	10.0		113	67-139				
1,2,3-Trichloropropane	9.5		"	10.0		95.2	77-128				
1,3,5-Trimethylbenzene	9.0		"	10.0		89.7	80-131				
1,2,4-Trimethylbenzene	9.1		"	10.0		90.6	82-132				
Vinyl Chloride	10		"	10.0		105	58-145				
o-Xylene	9.6		"	10.0		95.7	78-130				
p- & m- Xylenes	19		"	20.0		96.4	77-133				
Surrogate: 1,2-Dichloroethane-d4	11		"	10.0		107	69-130				
Surrogate: p-Bromofluorobenzene	9.6		"	10.0		96.5	79-122				
Surrogate: Toluene-d8	9.1		"	10.0		90.7	81-117				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51214 - EPA 5030B											
LCS Dup (BA51214-BSD1)						Prepared & Analyzed: 01/28/2015					
Benzene	13		ug/L	10.0		128	85-126	High Bias	10.2	30	
Bromobenzene	10		"	10.0		104	78-129		8.60	30	
Bromochloromethane	12		"	10.0		118	77-128		5.82	30	
Bromodichloromethane	12		"	10.0		115	79-128		9.75	30	
Bromoform	12		"	10.0		122	78-133		5.72	30	
Bromomethane	11		"	10.0		114	43-168		5.38	30	
tert-Butylbenzene	10		"	10.0		100	77-138		9.09	30	
n-Butylbenzene	9.6		"	10.0		96.0	79-132		8.36	30	
sec-Butylbenzene	9.9		"	10.0		99.3	79-137		9.16	30	
Carbon tetrachloride	13		"	10.0		134	77-141		9.50	30	
Chlorobenzene	11		"	10.0		107	88-120		8.27	30	
Chloroethane	12		"	10.0		117	65-136		13.6	30	
Chloroform	13		"	10.0		130	82-128	High Bias	8.45	30	
Chloromethane	12		"	10.0		115	43-155		14.6	30	
2-Chlorotoluene	10		"	10.0		100	79-130		9.83	30	
4-Chlorotoluene	10		"	10.0		99.7	79-128		8.36	30	
Dibromochloromethane	12		"	10.0		117	80-130		6.99	30	
Dibromomethane	11		"	10.0		112	72-134		9.85	30	
1,2-Dichlorobenzene	10		"	10.0		101	79-123		8.37	30	
1,4-Dichlorobenzene	10		"	10.0		102	84-124		8.47	30	
1,3-Dichlorobenzene	10		"	10.0		102	86-122		9.12	30	
Dichlorodifluoromethane	11		"	10.0		111	44-144		13.9	30	
1,2-Dichloroethane	12		"	10.0		125	73-132		8.62	30	
1,1-Dichloroethane	12		"	10.0		122	82-129		10.5	30	
trans-1,2-Dichloroethylene	12		"	10.0		119	80-132		9.16	30	
cis-1,2-Dichloroethylene	12		"	10.0		124	83-129		8.43	30	
1,1-Dichloroethylene	12		"	10.0		125	68-138		9.49	30	
1,2-Dichloropropane	11		"	10.0		109	78-126		10.4	30	
2,2-Dichloropropane	16		"	10.0		158	56-150	High Bias	9.15	30	
1,3-Dichloropropane	11		"	10.0		115	81-125		10.9	30	
cis-1,3-Dichloropropylene	13		"	10.0		125	79-131		7.53	30	
1,1-Dichloropropylene	13		"	10.0		126	83-133		9.62	30	
trans-1,3-Dichloropropylene	12		"	10.0		120	78-131		9.08	30	
Ethyl Benzene	10		"	10.0		105	80-131		9.51	30	
Hexachlorobutadiene	9.4		"	10.0		93.8	67-146		8.44	30	
Isopropylbenzene	10		"	10.0		102	76-140		9.67	30	
p-Isopropyltoluene	9.8		"	10.0		97.7	81-136		8.65	30	
Methyl tert-butyl ether (MTBE)	14		"	10.0		136	76-135	High Bias	9.91	30	
Methylene chloride	12		"	10.0		118	55-137		9.47	30	
Naphthalene	10		"	10.0		104	70-147		11.9	30	
n-Propylbenzene	10		"	10.0		101	78-133		9.12	30	
Styrene	11		"	10.0		113	67-132		10.2	30	
1,1,1,2-Tetrachloroethane	11		"	10.0		111	82-126		7.69	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129		9.37	30	
Tetrachloroethylene	10		"	10.0		104	82-131		6.33	30	
Toluene	11		"	10.0		105	79-127		9.02	30	
1,2,4-Trichlorobenzene	9.8		"	10.0		98.0	76-137		11.2	30	
1,2,3-Trichlorobenzene	9.9		"	10.0		98.9	76-136		13.3	30	
1,1,1-Trichloroethane	13		"	10.0		128	78-136		7.17	30	
1,1,2-Trichloroethane	11		"	10.0		111	82-123		6.92	30	
Trichloroethylene	11		"	10.0		111	82-128		11.9	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BA51214 - EPA 5030B

LCS Dup (BA51214-BSD1)

Prepared & Analyzed: 01/28/2015

Trichlorofluoromethane	12		ug/L	10.0		121	67-139		7.19	30	
1,2,3-Trichloropropane	11		"	10.0		108	77-128		12.4	30	
1,3,5-Trimethylbenzene	9.8		"	10.0		97.8	80-131		8.64	30	
1,2,4-Trimethylbenzene	9.9		"	10.0		98.8	82-132		8.66	30	
Vinyl Chloride	11		"	10.0		114	58-145		8.95	30	
o-Xylene	10		"	10.0		105	78-130		9.27	30	
p- & m- Xylenes	21		"	20.0		106	77-133		9.11	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>69-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.8</i>		<i>"</i>	<i>10.0</i>		<i>98.1</i>	<i>79-122</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.3</i>		<i>"</i>	<i>10.0</i>		<i>93.1</i>	<i>81-117</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15A0542-01	GT-MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15A0542-02	GT-MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15A0542-03	Hal-Raw	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for linear or quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.



If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Corrective Action: 1 VOA received broken for sample Hal-Kitchen.

Chazen Engineering, Land Surveying & Landscape Architecture Co., D.P.C.

Engineers & Environmental Professionals

21 Fox Street • Poughkeepsie, NY 12601

Purchase Order No.

P 16861

Tax ID # 14-1681699

Bill To: Chazen Engineering, Land Surveying &
Landscape Architecture Co., D.P.C.
21 Fox Street
Poughkeepsie, NY 12601
Phone: (845) 454-3980 • Fax: (845) 454-4026

SHIP TO: Chazen Engineering, Land Surveying &
Landscape Architecture Co., D.P.C.

☒ 21 Fox Street
Poughkeepsie, NY 12601
Phone: (845) 454-3980
Fax: (845) 454-4026

☐ 375 Bay Road
Queensbury, NY 12804
Phone: (518) 812-0513
FAX: (518) 812-2205

☐ 547 River Street
Troy, NY 12180
Phone: (518) 273-0055
Fax: (518) 273-8391

Vendor / Subcontractor: York

Address: _____

Phone: _____

Fax: _____

Proj. #: 40702.00

Task #: 1000

Proj. Name: Greer Toyota - Semi Annual

Date: 1/16/2015

Item	Qty	Description	Unit Cost	Total Cost
	2	TCL VOCs	\$90	\$180
	2	524.2 VOCs	\$85	\$170
		2.5% Markup		\$8.75

Instructions

1. Purchase Order # Must appear on all Invoices & packing slips.
2. All subcontractors must submit executed subcontractor agreements.
3. Payment terms on all subcontractors is Pay When Paid.
4. Payment terms to all other vendors is Net 30.
5. No payments will occur without a properly authorized Purchase Order.
6. Do not make changes in price, quantity, item substitution, or alter this Purchase Order without written authorization.
7. We reserve the right to cancel this Purchase Order and/or reject any goods or services not delivered/performed in accordance with our specifications.

Requested by & Date: [Signature] 1/16/2015 Authorized by & Date: _____

Subtotal \$ 358.75

Sales Tax

Shipping

TOTAL \$

VENDOR



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 06/03/2015

Client Project ID: 40702.00 Greer Toyota

York Project (SDG) No.: 15E1064

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/03/2015
Client Project ID: 40702.00 Greer Toyota
York Project (SDG) No.: 15E1064

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 29, 2015 and listed below. The project was identified as your project: **40702.00 Greer Toyota**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15E1064-01	GT-HR-RAW	Drinking Water	05/28/2015	05/29/2015
15E1064-02	GT-HR-Kitchen	Drinking Water	05/28/2015	05/29/2015

General Notes for York Project (SDG) No.: 15E1064

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 06/03/2015





Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 15E1064-01

York Project (SDG) No.

15E1064

Client Project ID

40702.00 Greer Toyota

Matrix

Drinking Water

Collection Date/Time

May 28, 2015 3:30 pm

Date Received

05/29/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.06	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
75-25-2	Bromoform	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	06/02/2015 08:09	06/02/2015 16:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
75-00-3	Chloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
67-66-3	Chloroform	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
74-87-3	Chloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 15E1064-01

York Project (SDG) No.

15E1064

Client Project ID

40702.00 Greer Toyota

Matrix

Drinking Water

Collection Date/Time

May 28, 2015 3:30 pm

Date Received

05/29/2015

Volatile Organics, 524.2 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
594-20-7	* 2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.04	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	1.2		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
91-20-3	Naphthalene	ND		ug/L	0.06	2.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
100-42-5	Styrene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 15E1064-01

York Project (SDG) No.

15E1064

Client Project ID

40702.00 Greer Toyota

Matrix

Drinking Water

Collection Date/Time

May 28, 2015 3:30 pm

Date Received

05/29/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: NELAC-NY10854	06/02/2015 08:09	06/02/2015 16:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.2	1.0	1	EPA 524.2 Certifications: NELAC-NY10854	06/02/2015 08:09	06/02/2015 16:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 16:26	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								
2037-26-5	Surrogate: Toluene-d8	98.0 %	81-117								

Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 15E1064-02

York Project (SDG) No.

15E1064

Client Project ID

40702.00 Greer Toyota

Matrix

Drinking Water

Collection Date/Time

May 28, 2015 3:45 pm

Date Received

05/29/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS



Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 15E1064-02

York Project (SDG) No.
15E1064

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
May 28, 2015 3:45 pm

Date Received
05/29/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.06	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
75-25-2	Bromoform	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	06/02/2015 08:09	06/02/2015 17:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
75-00-3	Chloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
67-66-3	Chloroform	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
74-87-3	Chloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS



Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 15E1064-02

York Project (SDG) No.

15E1064

Client Project ID

40702.00 Greer Toyota

Matrix

Drinking Water

Collection Date/Time

May 28, 2015 3:45 pm

Date Received

05/29/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
594-20-7	* 2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.04	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
91-20-3	Naphthalene	ND		ug/L	0.06	2.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
100-42-5	Styrene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS



Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 15E1064-02

York Project (SDG) No.
15E1064

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
May 28, 2015 3:45 pm

Date Received
05/29/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: NELAC-NY10854	06/02/2015 08:09	06/02/2015 17:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.2	1.0	1	EPA 524.2 Certifications: NELAC-NY10854	06/02/2015 08:09	06/02/2015 17:07	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 08:09	06/02/2015 17:07	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	79-122								
2037-26-5	Surrogate: Toluene-d8	97.3 %	81-117								



Analytical Batch Summary

Batch ID: BF50098

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E1064-01	GT-HR-RAW	06/02/15
15E1064-02	GT-HR-Kitchen	06/02/15
BF50098-BLK1	Blank	06/02/15
BF50098-BS1	LCS	06/02/15
BF50098-BSD1	LCS Dup	06/02/15



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50098 - EPA 5030B

Blank (BF50098-BLK1)

Prepared & Analyzed: 06/02/2015

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
Dibromochloromethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"
p-Isopropyltoluene	ND	0.5	"
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	0.5	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.5	"
1,2,3-Trichlorobenzene	ND	0.5	"
1,1,1-Trichloroethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.5	"
Trichloroethylene	ND	0.5	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50098 - EPA 5030B

Blank (BF50098-BLK1)

Prepared & Analyzed: 06/02/2015

Trichlorofluoromethane	ND	0.5	ug/L								
1,2,3-Trichloropropane	ND	0.5	"								
1,3,5-Trimethylbenzene	ND	0.5	"								
1,2,4-Trimethylbenzene	ND	0.5	"								
Vinyl Chloride	ND	0.5	"								
o-Xylene	ND	0.5	"								
p- & m- Xylenes	ND	1.0	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.8		"	10.0		97.8	69-130				
Surrogate: p-Bromofluorobenzene	10		"	10.0		102	79-122				
Surrogate: Toluene-d8	9.9		"	10.0		98.8	81-117				

LCS (BF50098-BS1)

Prepared & Analyzed: 06/02/2015

Benzene	10		ug/L	10.0		102	85-126				
Bromobenzene	11		"	10.0		105	78-129				
Bromochloromethane	10		"	10.0		102	77-128				
Bromodichloromethane	11		"	10.0		106	79-128				
Bromoform	11		"	10.0		109	78-133				
Bromomethane	12		"	10.0		120	43-168				
tert-Butylbenzene	11		"	10.0		108	77-138				
n-Butylbenzene	11		"	10.0		106	79-132				
sec-Butylbenzene	11		"	10.0		108	79-137				
Carbon tetrachloride	10		"	10.0		104	77-141				
Chlorobenzene	11		"	10.0		106	88-120				
Chloroethane	10		"	10.0		103	65-136				
Chloroform	10		"	10.0		102	82-128				
Chloromethane	10		"	10.0		101	43-155				
2-Chlorotoluene	11		"	10.0		108	79-130				
4-Chlorotoluene	11		"	10.0		108	79-128				
Dibromochloromethane	11		"	10.0		108	80-130				
Dibromomethane	10		"	10.0		100	72-134				
1,2-Dichlorobenzene	11		"	10.0		106	79-123				
1,4-Dichlorobenzene	11		"	10.0		108	84-124				
1,3-Dichlorobenzene	11		"	10.0		106	86-122				
Dichlorodifluoromethane	8.6		"	10.0		86.1	44-144				
1,2-Dichloroethane	9.9		"	10.0		99.0	73-132				
1,1-Dichloroethane	10		"	10.0		101	82-129				
trans-1,2-Dichloroethylene	10		"	10.0		100	80-132				
cis-1,2-Dichloroethylene	10		"	10.0		104	83-129				
1,1-Dichloroethylene	9.7		"	10.0		96.8	68-138				
1,2-Dichloropropane	11		"	10.0		105	78-126				
2,2-Dichloropropane	11		"	10.0		113	56-150				
1,3-Dichloropropane	10		"	10.0		102	81-125				
cis-1,3-Dichloropropylene	11		"	10.0		108	79-131				
1,1-Dichloropropylene	10		"	10.0		102	83-133				
trans-1,3-Dichloropropylene	11		"	10.0		108	78-131				
Ethyl Benzene	10		"	10.0		101	80-131				
Hexachlorobutadiene	11		"	10.0		107	67-146				
Isopropylbenzene	11		"	10.0		109	76-140				
p-Isopropyltoluene	11		"	10.0		107	81-136				
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		98.3	76-135				
Methylene chloride	9.1		"	10.0		91.2	55-137				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50098 - EPA 5030B

LCS (BF50098-BS1)

Prepared & Analyzed: 06/02/2015

Naphthalene	9.9		ug/L	10.0		99.4	70-147				
n-Propylbenzene	11		"	10.0		106	78-133				
Styrene	11		"	10.0		106	67-132				
1,1,1,2-Tetrachloroethane	11		"	10.0		106	82-126				
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129				
Tetrachloroethylene	11		"	10.0		106	82-131				
Toluene	10		"	10.0		103	79-127				
1,2,4-Trichlorobenzene	11		"	10.0		106	76-137				
1,2,3-Trichlorobenzene	10		"	10.0		103	76-136				
1,1,1-Trichloroethane	10		"	10.0		101	78-136				
1,1,2-Trichloroethane	10		"	10.0		103	82-123				
Trichloroethylene	10		"	10.0		105	82-128				
Trichlorofluoromethane	10		"	10.0		102	67-139				
1,2,3-Trichloropropane	10		"	10.0		103	77-128				
1,3,5-Trimethylbenzene	11		"	10.0		108	80-131				
1,2,4-Trimethylbenzene	11		"	10.0		107	82-132				
Vinyl Chloride	10		"	10.0		103	58-145				
o-Xylene	10		"	10.0		101	78-130				
p- & m- Xylenes	20		"	20.0		101	77-133				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.7</i>		<i>"</i>	<i>10.0</i>		<i>97.1</i>	<i>69-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.9</i>		<i>"</i>	<i>10.0</i>		<i>99.3</i>	<i>81-117</i>				

LCS Dup (BF50098-BSD1)

Prepared & Analyzed: 06/02/2015

Benzene	10		ug/L	10.0		105	85-126		3.10	30	
Bromobenzene	11		"	10.0		110	78-129		4.18	30	
Bromochloromethane	11		"	10.0		106	77-128		4.32	30	
Bromodichloromethane	11		"	10.0		109	79-128		3.07	30	
Bromoform	11		"	10.0		113	78-133		3.50	30	
Bromomethane	13		"	10.0		127	43-168		6.08	30	
tert-Butylbenzene	11		"	10.0		110	77-138		1.66	30	
n-Butylbenzene	11		"	10.0		108	79-132		1.96	30	
sec-Butylbenzene	11		"	10.0		109	79-137		1.48	30	
Carbon tetrachloride	11		"	10.0		107	77-141		3.14	30	
Chlorobenzene	11		"	10.0		110	88-120		3.23	30	
Chloroethane	10		"	10.0		105	65-136		1.25	30	
Chloroform	11		"	10.0		107	82-128		4.50	30	
Chloromethane	10		"	10.0		103	43-155		1.87	30	
2-Chlorotoluene	11		"	10.0		111	79-130		2.82	30	
4-Chlorotoluene	11		"	10.0		112	79-128		3.36	30	
Dibromochloromethane	11		"	10.0		113	80-130		3.98	30	
Dibromomethane	11		"	10.0		105	72-134		4.77	30	
1,2-Dichlorobenzene	11		"	10.0		110	79-123		3.90	30	
1,4-Dichlorobenzene	11		"	10.0		109	84-124		0.643	30	
1,3-Dichlorobenzene	11		"	10.0		110	86-122		3.62	30	
Dichlorodifluoromethane	8.5		"	10.0		84.9	44-144		1.40	30	
1,2-Dichloroethane	10		"	10.0		103	73-132		4.06	30	
1,1-Dichloroethane	11		"	10.0		105	82-129		3.97	30	
trans-1,2-Dichloroethylene	11		"	10.0		105	80-132		4.77	30	
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129		3.04	30	
1,1-Dichloroethylene	10		"	10.0		99.8	68-138		3.05	30	
1,2-Dichloropropane	11		"	10.0		110	78-126		4.00	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50098 - EPA 5030B

LCS Dup (BF50098-BSD1)

Prepared & Analyzed: 06/02/2015

2,2-Dichloropropane	11		ug/L	10.0		114	56-150		1.59	30	
1,3-Dichloropropane	11		"	10.0		107	81-125		4.69	30	
cis-1,3-Dichloropropylene	11		"	10.0		113	79-131		4.81	30	
1,1-Dichloropropylene	10		"	10.0		105	83-133		2.03	30	
trans-1,3-Dichloropropylene	11		"	10.0		114	78-131		5.34	30	
Ethyl Benzene	11		"	10.0		105	80-131		3.97	30	
Hexachlorobutadiene	11		"	10.0		111	67-146		3.03	30	
Isopropylbenzene	11		"	10.0		109	76-140		0.551	30	
p-Isopropyltoluene	11		"	10.0		110	81-136		2.03	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		103	76-135		4.48	30	
Methylene chloride	9.6		"	10.0		96.0	55-137		5.13	30	
Naphthalene	10		"	10.0		103	70-147		3.85	30	
n-Propylbenzene	11		"	10.0		107	78-133		0.847	30	
Styrene	11		"	10.0		110	67-132		3.80	30	
1,1,1,2-Tetrachloroethane	11		"	10.0		111	82-126		4.32	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-129		1.40	30	
Tetrachloroethylene	11		"	10.0		110	82-131		3.61	30	
Toluene	11		"	10.0		111	79-127		7.40	30	
1,2,4-Trichlorobenzene	11		"	10.0		109	76-137		2.70	30	
1,2,3-Trichlorobenzene	11		"	10.0		110	76-136		6.01	30	
1,1,1-Trichloroethane	10		"	10.0		104	78-136		2.73	30	
1,1,2-Trichloroethane	11		"	10.0		109	82-123		6.04	30	
Trichloroethylene	11		"	10.0		108	82-128		2.91	30	
Trichlorofluoromethane	10		"	10.0		103	67-139		1.17	30	
1,2,3-Trichloropropane	11		"	10.0		108	77-128		4.17	30	
1,3,5-Trimethylbenzene	11		"	10.0		107	80-131		1.39	30	
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132		2.76	30	
Vinyl Chloride	10		"	10.0		104	58-145		0.776	30	
o-Xylene	11		"	10.0		106	78-130		4.94	30	
p- & m- Xylenes	21		"	20.0		106	77-133		4.70	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.7</i>		<i>"</i>	<i>10.0</i>		<i>96.7</i>	<i>69-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>				
<i>Surrogate: Toluene-d8</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>81-117</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15E1064-01	GT-HR-RAW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E1064-02	GT-HR-Kitchen	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page / of /

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested. signature binds you to York's Std. Terms & Conditions.

York Project No. 15E1064

YOUR Information Company: CHAZEN Address: Phone No: Contact Person: ERIC ORLOWSKI E-Mail Address:		Report To: Company: CHAZEN Address: Phone No: Attention:		Invoice To: Company: CHAZEN Address: Phone No: Attention: ACTS AVAILABLE E-Mail Address:		YOUR Project ID 40702.00 Greer Toyota Purchase Order No. 017193 Samples from: CT NY NJ		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☐ NIDEP Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☐ Simple Excel ☐ NYSDEC EQULS ☐ EQULS (std) ☐ EZ-EDD (EQULS) ☐ NIDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☐ York Regulatory Comparison ☐ Excel Spreadsheet ☐ Compare to the following Regs. (please fill in):			
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until all questions by York are resolved.													
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Vols. (as prescribed) 8270 or 625 STARS list BN Only Acids Only PAH list App. IX Site Spec. TAGM list CT RCP list TCL list 524.2 NIDEP list App. IX TCLP BNA SLP or TCLP		Metals RCRA8 PP1.3 list TAL CT1.5 list TAGM list NIDEP list Total Dissolved SLP or TCLP Inhib. Metals LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri. Poll. TCL Organics TAL MetCN Full TCLP Full App. IX Part 360-Residue Part 360-Residue Part 360-Residue Part 360-Residue NYSDC Sewer TAGM Silica		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC	
Choose Analyses Needed from the Menu Above and Enter Below													
Sample Identification GT-HR-RAW GT-HR-KITCHEN		Date/Time Sampled 5/28/15 1530 5/28/15 1545		Sample Matrix DW DW		524.2 VOCs 524.2 VOCs		Container Description(s) 3 x 40mL 3 x 40mL					
Comments													
Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐													
4°C ☒ Frozen ☒ HCl ☒ MeOH ☒ HNO ₃ ☒ H ₂ SO ₄ ☒ NaOH ☒ ZnAc ☒ Ascorbic Acid ☒ Other ☒													
Samples Relinquished By: S. Freedman Date/Time: 5/29/15 12:10 Samples Relinquished By: Date/Time: 5/29/15 15:21 Samples Received in LAB by: Date/Time: 5/29/15 15:21													
Temperature on Receipt: 5.1 °C													



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 09/18/2015

Client Project ID: 40702.00 Greer Toyota

York Project (SDG) No.: 15I0382

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/18/2015
Client Project ID: 40702.00 Greer Toyota
York Project (SDG) No.: 15I0382

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 11, 2015 and listed below. The project was identified as your project: **40702.00 Greer Toyota**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15I0382-01	GT-MW-4	Water	09/09/2015	09/11/2015
15I0382-02	GT-MW-5	Water	09/09/2015	09/11/2015
15I0382-03	GT-HR-RAW	Drinking Water	09/09/2015	09/11/2015
15I0382-04	GT-HR-KITCHEN	Drinking Water	09/09/2015	09/11/2015

General Notes for York Project (SDG) No.: 15I0382

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/18/2015





Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 1510382-01

York Project (SDG) No.

1510382

Client Project ID

40702.00 Greer Toyota

Matrix

Water

Collection Date/Time

September 9, 2015 2:25 pm

Date Received

09/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS



Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 1510382-01

York Project (SDG) No.

1510382

Client Project ID

40702.00 Greer Toyota

Matrix

Water

Collection Date/Time

September 9, 2015 2:25 pm

Date Received

09/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/17/2015 22:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/17/2015 22:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS



Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 1510382-01

York Project (SDG) No.

1510382

Client Project ID

40702.00 Greer Toyota

Matrix

Water

Collection Date/Time

September 9, 2015 2:25 pm

Date Received

09/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 10:15	09/17/2015 22:34	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.4 %		69-130							
2037-26-5	Surrogate: Toluene-d8	99.9 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	105 %		79-122							

Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 1510382-02

York Project (SDG) No.

1510382

Client Project ID

40702.00 Greer Toyota

Matrix

Water

Collection Date/Time

September 9, 2015 1:40 pm

Date Received

09/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-34-3	1,1-Dichloroethane	1.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS



Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 1510382-02

York Project (SDG) No.

1510382

Client Project ID

40702.00 Greer Toyota

Matrix

Water

Collection Date/Time

September 9, 2015 1:40 pm

Date Received

09/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
67-64-1	Acetone	7.8		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-15-0	Carbon disulfide	0.31	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
156-59-2	cis-1,2-Dichloroethylene	0.68		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS



Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 1510382-02

York Project (SDG) No.
1510382

Client Project ID
40702.00 Greer Toyota

Matrix
Water

Collection Date/Time
September 9, 2015 1:40 pm

Date Received
09/11/2015

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/17/2015 23:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/17/2015 23:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 10:15	09/17/2015 23:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.4 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 1510382-03

York Project (SDG) No.
1510382

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
September 9, 2015 10:30 am

Date Received
09/11/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
75-27-4	Bromodichloromethane	1.4		ug/L	0.06	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
75-25-2	Bromoform	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
74-83-9	Bromomethane	0.6		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	09/16/2015 16:42	09/17/2015 02:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
75-00-3	Chloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
67-66-3	Chloroform	1.8		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
74-87-3	Chloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
124-48-1	Dibromochloromethane	1.7		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 1510382-03

York Project (SDG) No.
1510382

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
September 9, 2015 10:30 am

Date Received
09/11/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
594-20-7	* 2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.04	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
91-20-3	Naphthalene	ND		ug/L	0.06	2.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
100-42-5	Styrene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 1510382-03

York Project (SDG) No.
1510382

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
September 9, 2015 10:30 am

Date Received
09/11/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	09/16/2015 16:42	09/17/2015 02:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.2	1.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	09/16/2015 16:42	09/17/2015 02:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 02:24	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	95.2 %	79-122								
2037-26-5	Surrogate: Toluene-d8	98.9 %	81-117								

Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 1510382-04

York Project (SDG) No.
1510382

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
September 9, 2015 10:45 am

Date Received
09/11/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 1510382-04

York Project (SDG) No.
1510382

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
September 9, 2015 10:45 am

Date Received
09/11/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.06	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
75-25-2	Bromoform	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	09/16/2015 16:42	09/17/2015 03:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
75-00-3	Chloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
67-66-3	Chloroform	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
74-87-3	Chloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 1510382-04

York Project (SDG) No.
1510382

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
September 9, 2015 10:45 am

Date Received
09/11/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
594-20-7	* 2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.04	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	1.3		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
91-20-3	Naphthalene	ND		ug/L	0.06	2.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
100-42-5	Styrene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 1510382-04

York Project (SDG) No.
1510382

Client Project ID
40702.00 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
September 9, 2015 10:45 am

Date Received
09/11/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	09/16/2015 16:42	09/17/2015 03:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.2	1.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	09/16/2015 16:42	09/17/2015 03:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:42	09/17/2015 03:00	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	98.0 %	79-122								
2037-26-5	Surrogate: Toluene-d8	97.8 %	81-117								



Analytical Batch Summary

Batch ID: BI50791

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15I0382-03	GT-HR-RAW	09/16/15
15I0382-04	GT-HR-KITCHEN	09/16/15
BI50791-BLK1	Blank	09/16/15
BI50791-BS1	LCS	09/16/15
BI50791-BSD1	LCS Dup	09/16/15

Batch ID: BI50840

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15I0382-01	GT-MW-4	09/17/15
15I0382-02	GT-MW-5	09/17/15
BI50840-BLK1	Blank	09/17/15
BI50840-BS1	LCS	09/17/15
BI50840-BSD1	LCS Dup	09/17/15



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50791 - EPA 5030B

Blank (BI50791-BLK1)

Prepared & Analyzed: 09/16/2015

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
Dibromochloromethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"
p-Isopropyltoluene	ND	0.5	"
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	0.5	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.5	"
1,2,3-Trichlorobenzene	ND	0.5	"
1,1,1-Trichloroethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.5	"
Trichloroethylene	ND	0.5	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50791 - EPA 5030B

Blank (BI50791-BLK1)

Prepared & Analyzed: 09/16/2015

Trichlorofluoromethane	ND	0.5	ug/L								
1,2,3-Trichloropropane	ND	0.5	"								
1,3,5-Trimethylbenzene	ND	0.5	"								
1,2,4-Trimethylbenzene	ND	0.5	"								
Vinyl Chloride	ND	0.5	"								
o-Xylene	ND	0.5	"								
p- & m- Xylenes	ND	1.0	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>69-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>79-122</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.7</i>		<i>"</i>	<i>10.0</i>		<i>96.8</i>	<i>81-117</i>				

LCS (BI50791-BS1)

Prepared & Analyzed: 09/16/2015

Benzene	10		ug/L	10.0		105	85-126				
Bromobenzene	11		"	10.0		105	78-129				
Bromochloromethane	11		"	10.0		111	77-128				
Bromodichloromethane	10		"	10.0		101	79-128				
Bromoform	9.3		"	10.0		93.0	78-133				
Bromomethane	13		"	10.0		133	43-168				
tert-Butylbenzene	10		"	10.0		104	77-138				
n-Butylbenzene	10		"	10.0		104	79-132				
sec-Butylbenzene	10		"	10.0		104	79-137				
Carbon tetrachloride	11		"	10.0		106	77-141				
Chlorobenzene	10		"	10.0		103	88-120				
Chloroethane	10		"	10.0		102	65-136				
Chloroform	10		"	10.0		104	82-128				
Chloromethane	11		"	10.0		110	43-155				
2-Chlorotoluene	10		"	10.0		105	79-130				
4-Chlorotoluene	11		"	10.0		105	79-128				
Dibromochloromethane	10		"	10.0		100	80-130				
Dibromomethane	10		"	10.0		101	72-134				
1,2-Dichlorobenzene	10		"	10.0		104	79-123				
1,4-Dichlorobenzene	10		"	10.0		104	84-124				
1,3-Dichlorobenzene	10		"	10.0		103	86-122				
Dichlorodifluoromethane	11		"	10.0		106	44-144				
1,2-Dichloroethane	11		"	10.0		107	73-132				
1,1-Dichloroethane	10		"	10.0		105	82-129				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
cis-1,2-Dichloroethylene	11		"	10.0		105	83-129				
1,1-Dichloroethylene	10		"	10.0		103	68-138				
1,2-Dichloropropane	10		"	10.0		101	78-126				
2,2-Dichloropropane	10		"	10.0		103	56-150				
1,3-Dichloropropane	10		"	10.0		102	81-125				
cis-1,3-Dichloropropylene	11		"	10.0		106	79-131				
1,1-Dichloropropylene	10		"	10.0		104	83-133				
trans-1,3-Dichloropropylene	10		"	10.0		103	78-131				
Ethyl Benzene	10		"	10.0		103	80-131				
Hexachlorobutadiene	9.8		"	10.0		98.4	67-146				
Isopropylbenzene	10		"	10.0		104	76-140				
p-Isopropyltoluene	10		"	10.0		104	81-136				
Methyl tert-butyl ether (MTBE)	10		"	10.0		103	76-135				
Methylene chloride	9.9		"	10.0		99.2	55-137				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50791 - EPA 5030B

LCS (BI50791-BS1)

Prepared & Analyzed: 09/16/2015

Naphthalene	9.9		ug/L	10.0		99.1	70-147				
n-Propylbenzene	10		"	10.0		105	78-133				
Styrene	10		"	10.0		104	67-132				
1,1,1,2-Tetrachloroethane	10		"	10.0		104	82-126				
1,1,2,2-Tetrachloroethane	10		"	10.0		100	76-129				
Tetrachloroethylene	9.9		"	10.0		99.3	82-131				
Toluene	10		"	10.0		102	79-127				
1,2,4-Trichlorobenzene	10		"	10.0		100	76-137				
1,2,3-Trichlorobenzene	10		"	10.0		101	76-136				
1,1,1-Trichloroethane	10		"	10.0		102	78-136				
1,1,2-Trichloroethane	10		"	10.0		103	82-123				
Trichloroethylene	10		"	10.0		101	82-128				
Trichlorofluoromethane	10		"	10.0		105	67-139				
1,2,3-Trichloropropane	9.8		"	10.0		97.6	77-128				
1,3,5-Trimethylbenzene	10		"	10.0		104	80-131				
1,2,4-Trimethylbenzene	10		"	10.0		104	82-132				
Vinyl Chloride	11		"	10.0		109	58-145				
o-Xylene	10		"	10.0		103	78-130				
p- & m- Xylenes	20		"	20.0		102	77-133				
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		102	69-130				
Surrogate: p-Bromofluorobenzene	10		"	10.0		100	79-122				
Surrogate: Toluene-d8	10		"	10.0		101	81-117				

LCS Dup (BI50791-BSD1)

Prepared & Analyzed: 09/16/2015

Benzene	10		ug/L	10.0		103	85-126		1.15	30	
Bromobenzene	10		"	10.0		100	78-129		4.57	30	
Bromochloromethane	10		"	10.0		102	77-128		9.02	30	
Bromodichloromethane	10		"	10.0		99.8	79-128		1.49	30	
Bromoform	9.6		"	10.0		95.5	78-133		2.65	30	
Bromomethane	11		"	10.0		113	43-168		15.9	30	
tert-Butylbenzene	9.5		"	10.0		95.1	77-138		9.23	30	
n-Butylbenzene	9.8		"	10.0		98.0	79-132		6.32	30	
sec-Butylbenzene	9.7		"	10.0		96.6	79-137		6.99	30	
Carbon tetrachloride	10		"	10.0		102	77-141		3.86	30	
Chlorobenzene	10		"	10.0		101	88-120		1.86	30	
Chloroethane	10		"	10.0		105	65-136		2.32	30	
Chloroform	10		"	10.0		105	82-128		0.575	30	
Chloromethane	11		"	10.0		107	43-155		3.32	30	
2-Chlorotoluene	9.9		"	10.0		99.3	79-130		5.39	30	
4-Chlorotoluene	9.8		"	10.0		98.2	79-128		6.88	30	
Dibromochloromethane	10		"	10.0		102	80-130		1.48	30	
Dibromomethane	9.9		"	10.0		99.2	72-134		1.50	30	
1,2-Dichlorobenzene	10		"	10.0		101	79-123		2.64	30	
1,4-Dichlorobenzene	9.9		"	10.0		98.6	84-124		5.04	30	
1,3-Dichlorobenzene	9.8		"	10.0		97.9	86-122		5.17	30	
Dichlorodifluoromethane	9.1		"	10.0		91.3	44-144		14.9	30	
1,2-Dichloroethane	11		"	10.0		108	73-132		0.279	30	
1,1-Dichloroethane	10		"	10.0		101	82-129		3.11	30	
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132		1.84	30	
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129		2.69	30	
1,1-Dichloroethylene	9.8		"	10.0		98.1	68-138		4.48	30	
1,2-Dichloropropane	9.9		"	10.0		98.6	78-126		2.31	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50791 - EPA 5030B

LCS Dup (BI50791-BSD1)

Prepared & Analyzed: 09/16/2015

2,2-Dichloropropane	10		ug/L	10.0		101	56-150		2.55	30	
1,3-Dichloropropane	10		"	10.0		103	81-125		0.195	30	
cis-1,3-Dichloropropylene	10		"	10.0		104	79-131		2.28	30	
1,1-Dichloropropylene	10		"	10.0		100	83-133		3.44	30	
trans-1,3-Dichloropropylene	11		"	10.0		106	78-131		2.88	30	
Ethyl Benzene	10		"	10.0		100	80-131		2.66	30	
Hexachlorobutadiene	9.2		"	10.0		92.0	67-146		6.72	30	
Isopropylbenzene	9.7		"	10.0		97.3	76-140		6.18	30	
p-Isopropyltoluene	9.6		"	10.0		96.3	81-136		7.40	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		106	76-135		2.78	30	
Methylene chloride	10		"	10.0		102	55-137		2.59	30	
Naphthalene	10		"	10.0		105	70-147		5.40	30	
n-Propylbenzene	9.8		"	10.0		97.7	78-133		7.01	30	
Styrene	10		"	10.0		104	67-132		0.481	30	
1,1,1,2-Tetrachloroethane	10		"	10.0		102	82-126		1.94	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129		0.797	30	
Tetrachloroethylene	9.4		"	10.0		94.3	82-131		5.17	30	
Toluene	10		"	10.0		99.6	79-127		2.48	30	
1,2,4-Trichlorobenzene	10		"	10.0		100	76-137		0.199	30	
1,2,3-Trichlorobenzene	10		"	10.0		104	76-136		3.60	30	
1,1,1-Trichloroethane	9.9		"	10.0		99.3	78-136		2.29	30	
1,1,2-Trichloroethane	11		"	10.0		106	82-123		2.48	30	
Trichloroethylene	9.9		"	10.0		98.7	82-128		1.91	30	
Trichlorofluoromethane	9.5		"	10.0		94.6	67-139		10.1	30	
1,2,3-Trichloropropane	10		"	10.0		99.7	77-128		2.13	30	
1,3,5-Trimethylbenzene	9.7		"	10.0		96.6	80-131		7.67	30	
1,2,4-Trimethylbenzene	9.8		"	10.0		98.4	82-132		5.44	30	
Vinyl Chloride	10		"	10.0		105	58-145		3.47	30	
o-Xylene	10		"	10.0		101	78-130		1.47	30	
p- & m- Xylenes	20		"	20.0		100	77-133		1.92	30	
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		105	69-130				
Surrogate: p-Bromofluorobenzene	9.7		"	10.0		96.9	79-122				
Surrogate: Toluene-d8	9.8		"	10.0		97.7	81-117				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50840 - EPA 5030B

Blank (BI50840-BLK1)

Prepared & Analyzed: 09/17/2015

1,1,1-Trichloroethane	ND	0.50	ug/L
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	0.35	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methyleyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
Styrene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50840 - EPA 5030B											
Blank (BI50840-BLK1)						Prepared & Analyzed: 09/17/2015					
Xylenes, Total	ND	1.5	ug/L								
Surrogate: 1,2-Dichloroethane-d4	9.80		"	10.0		98.0	69-130				
Surrogate: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				
LCS (BI50840-BS1)						Prepared & Analyzed: 09/17/2015					
1,1,1-Trichloroethane	10		ug/L	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		104	54-165				
1,1,2-Trichloroethane	10		"	10.0		104	82-123				
1,1-Dichloroethane	11		"	10.0		106	82-129				
1,1-Dichloroethylene	11		"	10.0		106	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		106	76-136				
1,2,4-Trichlorobenzene	11		"	10.0		105	76-137				
1,2-Dibromo-3-chloropropane	9.9		"	10.0		98.9	45-147				
1,2-Dibromoethane	10		"	10.0		104	83-124				
1,2-Dichlorobenzene	11		"	10.0		105	79-123				
1,2-Dichloroethane	10		"	10.0		104	73-132				
1,2-Dichloropropane	10		"	10.0		104	78-126				
1,3-Dichlorobenzene	11		"	10.0		106	86-122				
1,4-Dichlorobenzene	11		"	10.0		106	85-124				
2-Butanone	9.3		"	10.0		92.7	49-152				
2-Hexanone	11		"	10.0		106	51-146				
4-Methyl-2-pentanone	10		"	10.0		104	57-145				
Acetone	9.3		"	10.0		93.4	14-150				
Benzene	11		"	10.0		105	85-126				
Bromochloromethane	10		"	10.0		103	77-128				
Bromodichloromethane	10		"	10.0		103	79-128				
Bromoform	10		"	10.0		102	78-133				
Bromomethane	12		"	10.0		123	43-168				
Carbon disulfide	10		"	10.0		101	68-146				
Carbon tetrachloride	10		"	10.0		105	77-141				
Chlorobenzene	10		"	10.0		104	88-120				
Chloroethane	10		"	10.0		103	65-136				
Chloroform	10		"	10.0		104	82-128				
Chloromethane	9.5		"	10.0		94.8	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131				
Cyclohexane	10		"	10.0		102	63-149				
Dibromochloromethane	10		"	10.0		104	80-130				
Dichlorodifluoromethane	11		"	10.0		112	44-144				
Ethyl Benzene	11		"	10.0		107	80-131				
Isopropylbenzene	11		"	10.0		110	76-140				
Methyl acetate	10		"	10.0		103	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		107	76-135				
Methylcyclohexane	10		"	10.0		99.8	72-143				
Methylene chloride	9.6		"	10.0		96.4	55-137				
o-Xylene	11		"	10.0		107	78-130				
p- & m- Xylenes	22		"	20.0		108	77-133				
Styrene	11		"	10.0		106	67-132				
Tetrachloroethylene	10		"	10.0		101	82-131				
Toluene	10		"	10.0		105	80-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50840 - EPA 5030B											
LCS (BI50840-BS1)						Prepared & Analyzed: 09/17/2015					
trans-1,2-Dichloroethylene	11		ug/L	10.0		107	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		107	78-131				
Trichloroethylene	10		"	10.0		102	82-128				
Trichlorofluoromethane	10		"	10.0		103	67-139				
Vinyl Chloride	11		"	10.0		108	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.73</i>		<i>"</i>	<i>10.0</i>		<i>97.3</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>79-122</i>				
LCS Dup (BI50840-BSD1)						Prepared & Analyzed: 09/17/2015					
1,1,1-Trichloroethane	11		ug/L	10.0		105	78-136		3.39	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		109	76-129		1.09	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165		1.14	30	
1,1,2-Trichloroethane	10		"	10.0		105	82-123		0.574	30	
1,1-Dichloroethane	11		"	10.0		108	82-129		1.86	30	
1,1-Dichloroethylene	11		"	10.0		109	68-138		2.51	30	
1,2,3-Trichlorobenzene	10		"	10.0		103	76-136		2.11	30	
1,2,4-Trichlorobenzene	10		"	10.0		105	76-137		0.381	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		100	45-147		1.51	30	
1,2-Dibromoethane	11		"	10.0		106	83-124		1.33	30	
1,2-Dichlorobenzene	10		"	10.0		104	79-123		0.763	30	
1,2-Dichloroethane	10		"	10.0		104	73-132		0.192	30	
1,2-Dichloropropane	11		"	10.0		106	78-126		2.00	30	
1,3-Dichlorobenzene	11		"	10.0		107	86-122		0.843	30	
1,4-Dichlorobenzene	11		"	10.0		108	85-124		1.12	30	
2-Butanone	9.8		"	10.0		97.8	49-152		5.35	30	
2-Hexanone	10		"	10.0		104	51-146		2.38	30	
4-Methyl-2-pentanone	10		"	10.0		104	57-145		0.0957	30	
Acetone	10		"	10.0		101	14-150		7.92	30	
Benzene	11		"	10.0		108	85-126		2.35	30	
Bromochloromethane	11		"	10.0		108	77-128		4.73	30	
Bromodichloromethane	11		"	10.0		106	79-128		2.40	30	
Bromoform	10		"	10.0		103	78-133		1.37	30	
Bromomethane	14		"	10.0		144	43-168		15.6	30	
Carbon disulfide	10		"	10.0		103	68-146		2.05	30	
Carbon tetrachloride	11		"	10.0		107	77-141		1.98	30	
Chlorobenzene	11		"	10.0		106	88-120		2.38	30	
Chloroethane	11		"	10.0		107	65-136		3.72	30	
Chloroform	11		"	10.0		106	82-128		1.43	30	
Chloromethane	10		"	10.0		100	43-155		5.84	30	
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129		3.13	30	
cis-1,3-Dichloropropylene	11		"	10.0		108	80-131		1.31	30	
Cyclohexane	11		"	10.0		106	63-149		3.36	30	
Dibromochloromethane	11		"	10.0		106	80-130		2.38	30	
Dichlorodifluoromethane	12		"	10.0		116	44-144		3.78	30	
Ethyl Benzene	11		"	10.0		109	80-131		2.04	30	
Isopropylbenzene	11		"	10.0		112	76-140		1.99	30	
Methyl acetate	10		"	10.0		102	51-139		1.36	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		109	76-135		1.11	30	
Methylcyclohexane	10		"	10.0		103	72-143		3.25	30	
Methylene chloride	9.8		"	10.0		98.3	55-137		1.95	30	
o-Xylene	11		"	10.0		107	78-130		0.00	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50840 - EPA 5030B

LCS Dup (BI50840-BSD1)

Prepared & Analyzed: 09/17/2015

p- & m- Xylenes	22		ug/L	20.0		109	77-133		1.66	30
Styrene	11		"	10.0		107	67-132		1.50	30
Tetrachloroethylene	10		"	10.0		103	82-131		1.57	30
Toluene	11		"	10.0		106	80-127		1.33	30
trans-1,2-Dichloroethylene	11		"	10.0		110	80-132		2.40	30
trans-1,3-Dichloropropylene	11		"	10.0		107	78-131		0.373	30
Trichloroethylene	11		"	10.0		107	82-128		4.51	30
Trichlorofluoromethane	11		"	10.0		105	67-139		2.01	30
Vinyl Chloride	11		"	10.0		108	58-145		0.371	30
Surrogate: 1,2-Dichloroethane-d4	9.73		"	10.0		97.3	69-130			
Surrogate: Toluene-d8	10.1		"	10.0		101	81-117			
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	79-122			



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15I0382-01	GT-MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0382-02	GT-MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0382-03	GT-HR-RAW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0382-04	GT-HR-KITCHEN	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Matt MacDonald

Report Date: 12/14/2015

Client Project ID: 40702.13 Greer Toyota

York Project (SDG) No.: 15L0357

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/14/2015
Client Project ID: 40702.13 Greer Toyota
York Project (SDG) No.: 15L0357

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Matt MacDonald

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 09, 2015 and listed below. The project was identified as your project: **40702.13 Greer Toyota**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15L0357-01	GT-HR-Raw	Water	12/08/2015	12/09/2015
15L0357-02	GT-HR-Kitchen	Water	12/08/2015	12/09/2015

General Notes for York Project (SDG) No.: 15L0357

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/14/2015





Sample Information

Client Sample ID: GT-HR-Raw

York Sample ID: 15L0357-01

York Project (SDG) No.

15L0357

Client Project ID

40702.13 Greer Toyota

Matrix

Water

Collection Date/Time

December 8, 2015 10:15 am

Date Received

12/09/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.06	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
75-25-2	Bromoform	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	12/10/2015 08:18	12/10/2015 17:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
75-00-3	Chloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
67-66-3	Chloroform	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
74-87-3	Chloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS



Sample Information

Client Sample ID: GT-HR-Raw

York Sample ID: 15L0357-01

York Project (SDG) No.

15L0357

Client Project ID

40702.13 Greer Toyota

Matrix

Water

Collection Date/Time

December 8, 2015 10:15 am

Date Received

12/09/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
594-20-7	* 2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.04	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	1.5		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
91-20-3	Naphthalene	ND		ug/L	0.06	2.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
100-42-5	Styrene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS



Sample Information

Client Sample ID: GT-HR-Raw

York Sample ID: 15L0357-01

York Project (SDG) No.
15L0357

Client Project ID
40702.13 Greer Toyota

Matrix
Water

Collection Date/Time
December 8, 2015 10:15 am

Date Received
12/09/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	12/10/2015 08:18	12/10/2015 17:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.2	1.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	12/10/2015 08:18	12/10/2015 17:07	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:07	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	79-122								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								

Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 15L0357-02

York Project (SDG) No.
15L0357

Client Project ID
40702.13 Greer Toyota

Matrix
Water

Collection Date/Time
December 8, 2015 10:25 am

Date Received
12/09/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS



Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 15L0357-02

York Project (SDG) No.

15L0357

Client Project ID

40702.13 Greer Toyota

Matrix

Water

Collection Date/Time

December 8, 2015 10:25 am

Date Received

12/09/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.06	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
75-25-2	Bromoform	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	12/10/2015 08:18	12/10/2015 17:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
75-00-3	Chloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
67-66-3	Chloroform	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
74-87-3	Chloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS



Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 15L0357-02

York Project (SDG) No.

15L0357

Client Project ID

40702.13 Greer Toyota

Matrix

Water

Collection Date/Time

December 8, 2015 10:25 am

Date Received

12/09/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
594-20-7	* 2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.04	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
91-20-3	Naphthalene	ND		ug/L	0.06	2.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
100-42-5	Styrene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS



Sample Information

Client Sample ID: GT-HR-Kitchen

York Sample ID: 15L0357-02

York Project (SDG) No.

15L0357

Client Project ID

40702.13 Greer Toyota

Matrix

Water

Collection Date/Time

December 8, 2015 10:25 am

Date Received

12/09/2015

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
95-47-6	o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	12/10/2015 08:18	12/10/2015 17:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.2	1.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	12/10/2015 08:18	12/10/2015 17:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 08:18	12/10/2015 17:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								
2037-26-5	Surrogate: Toluene-d8	100 %	81-117								



Analytical Batch Summary

Batch ID: BL50581

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15L0357-01	GT-HR-Raw	12/10/15
15L0357-02	GT-HR-Kitchen	12/10/15
BL50581-BLK1	Blank	12/10/15
BL50581-BS1	LCS	12/10/15
BL50581-BSD1	LCS Dup	12/10/15



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL50581 - EPA 5030B

Blank (BL50581-BLK1)

Prepared & Analyzed: 12/10/2015

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
Dibromochloromethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"
p-Isopropyltoluene	ND	0.5	"
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	0.5	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.5	"
1,2,3-Trichlorobenzene	ND	0.5	"
1,1,1-Trichloroethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.5	"
Trichloroethylene	ND	0.5	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL50581 - EPA 5030B

Blank (BL50581-BLK1)

Prepared & Analyzed: 12/10/2015

Trichlorofluoromethane	ND	0.5	ug/L								
1,2,3-Trichloropropane	ND	0.5	"								
1,3,5-Trimethylbenzene	ND	0.5	"								
1,2,4-Trimethylbenzene	ND	0.5	"								
Vinyl Chloride	ND	0.5	"								
o-Xylene	ND	0.5	"								
p- & m- Xylenes	ND	1.0	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>12</i>		<i>"</i>	<i>10.0</i>		<i>118</i>	<i>69-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>79-122</i>				
<i>Surrogate: Toluene-d8</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81-117</i>				

LCS (BL50581-BS1)

Prepared & Analyzed: 12/10/2015

Benzene	12		ug/L	10.0		119	85-126				
Bromobenzene	10		"	10.0		103	78-129				
Bromochloromethane	11		"	10.0		112	77-128				
Bromodichloromethane	11		"	10.0		108	79-128				
Bromoform	11		"	10.0		111	78-133				
Bromomethane	9.9		"	10.0		98.7	43-168				
tert-Butylbenzene	11		"	10.0		106	77-138				
n-Butylbenzene	10		"	10.0		100	79-132				
sec-Butylbenzene	11		"	10.0		105	79-137				
Carbon tetrachloride	12		"	10.0		118	77-141				
Chlorobenzene	10		"	10.0		105	88-120				
Chloroethane	10		"	10.0		105	65-136				
Chloroform	12		"	10.0		117	82-128				
Chloromethane	10		"	10.0		102	43-155				
2-Chlorotoluene	10		"	10.0		103	79-130				
4-Chlorotoluene	10		"	10.0		103	79-128				
Dibromochloromethane	11		"	10.0		108	80-130				
Dibromomethane	10		"	10.0		104	72-134				
1,2-Dichlorobenzene	10		"	10.0		104	79-123				
1,4-Dichlorobenzene	11		"	10.0		106	84-124				
1,3-Dichlorobenzene	11		"	10.0		106	86-122				
Dichlorodifluoromethane	11		"	10.0		109	44-144				
1,2-Dichloroethane	11		"	10.0		114	73-132				
1,1-Dichloroethane	12		"	10.0		118	82-129				
trans-1,2-Dichloroethylene	12		"	10.0		117	80-132				
cis-1,2-Dichloroethylene	12		"	10.0		121	83-129				
1,1-Dichloroethylene	11		"	10.0		112	68-138				
1,2-Dichloropropane	11		"	10.0		106	78-126				
2,2-Dichloropropane	12		"	10.0		120	56-150				
1,3-Dichloropropane	10		"	10.0		103	81-125				
cis-1,3-Dichloropropylene	11		"	10.0		107	79-131				
1,1-Dichloropropylene	12		"	10.0		118	83-133				
trans-1,3-Dichloropropylene	11		"	10.0		110	78-131				
Ethyl Benzene	11		"	10.0		107	80-131				
Hexachlorobutadiene	11		"	10.0		110	67-146				
Isopropylbenzene	11		"	10.0		106	76-140				
p-Isopropyltoluene	11		"	10.0		105	81-136				
Methyl tert-butyl ether (MTBE)	11		"	10.0		114	76-135				
Methylene chloride	11		"	10.0		112	55-137				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL50581 - EPA 5030B

LCS (BL50581-BS1)

Prepared & Analyzed: 12/10/2015

Naphthalene	9.5		ug/L	10.0		94.6	70-147				
n-Propylbenzene	10		"	10.0		105	78-133				
Styrene	11		"	10.0		108	67-132				
1,1,1,2-Tetrachloroethane	11		"	10.0		110	82-126				
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129				
Tetrachloroethylene	11		"	10.0		107	82-131				
Toluene	10		"	10.0		103	79-127				
1,2,4-Trichlorobenzene	11		"	10.0		107	76-137				
1,2,3-Trichlorobenzene	11		"	10.0		108	76-136				
1,1,1-Trichloroethane	12		"	10.0		120	78-136				
1,1,2-Trichloroethane	10		"	10.0		105	82-123				
Trichloroethylene	11		"	10.0		110	82-128				
Trichlorofluoromethane	11		"	10.0		110	67-139				
1,2,3-Trichloropropane	9.7		"	10.0		96.8	77-128				
1,3,5-Trimethylbenzene	11		"	10.0		106	80-131				
1,2,4-Trimethylbenzene	10		"	10.0		104	82-132				
Vinyl Chloride	10		"	10.0		105	58-145				
o-Xylene	11		"	10.0		108	78-130				
p- & m- Xylenes	22		"	20.0		108	77-133				
Surrogate: 1,2-Dichloroethane-d4	10		"	10.0		105	69-130				
Surrogate: p-Bromofluorobenzene	9.9		"	10.0		99.3	79-122				
Surrogate: Toluene-d8	9.9		"	10.0		98.9	81-117				

LCS Dup (BL50581-BSD1)

Prepared & Analyzed: 12/10/2015

Benzene	12		ug/L	10.0		120	85-126		1.09	30	
Bromobenzene	10		"	10.0		102	78-129		1.17	30	
Bromochloromethane	12		"	10.0		119	77-128		5.89	30	
Bromodichloromethane	11		"	10.0		112	79-128		4.01	30	
Bromoform	11		"	10.0		106	78-133		3.87	30	
Bromomethane	9.4		"	10.0		93.9	43-168		4.98	30	
tert-Butylbenzene	10		"	10.0		103	77-138		3.34	30	
n-Butylbenzene	9.8		"	10.0		98.1	79-132		2.22	30	
sec-Butylbenzene	10		"	10.0		101	79-137		4.36	30	
Carbon tetrachloride	13		"	10.0		125	77-141		5.58	30	
Chlorobenzene	11		"	10.0		105	88-120		0.381	30	
Chloroethane	10		"	10.0		101	65-136		3.50	30	
Chloroform	12		"	10.0		122	82-128		4.19	30	
Chloromethane	10		"	10.0		101	43-155		1.18	30	
2-Chlorotoluene	10		"	10.0		100	79-130		3.24	30	
4-Chlorotoluene	10		"	10.0		99.9	79-128		2.96	30	
Dibromochloromethane	11		"	10.0		108	80-130		0.0926	30	
Dibromomethane	11		"	10.0		105	72-134		1.34	30	
1,2-Dichlorobenzene	10		"	10.0		104	79-123		0.386	30	
1,4-Dichlorobenzene	10		"	10.0		104	84-124		2.29	30	
1,3-Dichlorobenzene	10		"	10.0		103	86-122		2.58	30	
Dichlorodifluoromethane	11		"	10.0		112	44-144		3.44	30	
1,2-Dichloroethane	12		"	10.0		122	73-132		7.02	30	
1,1-Dichloroethane	12		"	10.0		123	82-129		3.74	30	
trans-1,2-Dichloroethylene	12		"	10.0		122	80-132		4.34	30	
cis-1,2-Dichloroethylene	13		"	10.0		126	83-129		3.96	30	
1,1-Dichloroethylene	12		"	10.0		117	68-138		4.63	30	
1,2-Dichloropropane	11		"	10.0		108	78-126		2.25	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL50581 - EPA 5030B

LCS Dup (BL50581-BSD1)

Prepared & Analyzed: 12/10/2015

2,2-Dichloropropane	13		ug/L	10.0		126	56-150		4.63	30	
1,3-Dichloropropane	11		"	10.0		106	81-125		2.58	30	
cis-1,3-Dichloropropylene	11		"	10.0		111	79-131		3.40	30	
1,1-Dichloropropylene	12		"	10.0		123	83-133		3.91	30	
trans-1,3-Dichloropropylene	11		"	10.0		113	78-131		2.51	30	
Ethyl Benzene	11		"	10.0		107	80-131		0.373	30	
Hexachlorobutadiene	11		"	10.0		108	67-146		1.55	30	
Isopropylbenzene	10		"	10.0		103	76-140		2.77	30	
p-Isopropyltoluene	10		"	10.0		102	81-136		3.67	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		120	76-135		5.38	30	
Methylene chloride	11		"	10.0		113	55-137		1.33	30	
Naphthalene	9.6		"	10.0		96.5	70-147		1.99	30	
n-Propylbenzene	10		"	10.0		102	78-133		2.81	30	
Styrene	11		"	10.0		108	67-132		0.278	30	
1,1,1,2-Tetrachloroethane	11		"	10.0		109	82-126		0.365	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129		0.886	30	
Tetrachloroethylene	11		"	10.0		109	82-131		2.04	30	
Toluene	10		"	10.0		104	79-127		1.07	30	
1,2,4-Trichlorobenzene	11		"	10.0		108	76-137		0.653	30	
1,2,3-Trichlorobenzene	11		"	10.0		109	76-136		0.832	30	
1,1,1-Trichloroethane	12		"	10.0		125	78-136		4.34	30	
1,1,2-Trichloroethane	10		"	10.0		104	82-123		1.15	30	
Trichloroethylene	11		"	10.0		111	82-128		0.996	30	
Trichlorofluoromethane	11		"	10.0		114	67-139		3.58	30	
1,2,3-Trichloropropane	9.5		"	10.0		94.7	77-128		2.19	30	
1,3,5-Trimethylbenzene	10		"	10.0		103	80-131		2.59	30	
1,2,4-Trimethylbenzene	10		"	10.0		101	82-132		2.73	30	
Vinyl Chloride	11		"	10.0		105	58-145		0.571	30	
o-Xylene	11		"	10.0		108	78-130		0.370	30	
p- & m- Xylenes	21		"	20.0		107	77-133		0.927	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>12</i>		<i>"</i>	<i>10.0</i>		<i>116</i>	<i>69-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.7</i>		<i>"</i>	<i>10.0</i>		<i>97.2</i>	<i>79-122</i>				
<i>Surrogate: Toluene-d8</i>	<i>10</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>81-117</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15L0357-01	GT-HR-Raw	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0357-02	GT-HR-Kitchen	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte .
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence . This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



ALS Environmental



34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

April 5, 2016

Mr. Eric Orlowski
Chazen Environmental Services, Inc.
21 Fox Street
Poughkeepsie, NY 12601

Certificate of Analysis

Revised Report - 4/5/2016 9:23:39 AM - See workorder comment section for explanation

Project Name: **40702.00-Greer Toyota**

Workorder: **2112111**

Purchase Order: **P 17859**

Workorder ID: **40702.00-Greer Toyota**

Dear Mr. Orlowski:

Enclosed are the analytical results for samples received by the laboratory on Friday, December 4, 2015.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Ms. Amy K Borden (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

Ms. Amy K Borden

Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

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**SAMPLE SUMMARY**

Workorder: 2112111 40702.00-Greer Toyota

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2112111001	GT-Showroom-1A	Air	12/2/2015 18:08	12/4/2015 09:42	Mr. Eric Orlowski

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ALS Environmental



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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

PROJECT SUMMARY

Workorder: 2112111 40702.00-Greer Toyota

Workorder Comments

Report modified to report MDL. AKB 04/05/16

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ANALYTICAL RESULTS

Workorder: 2112111 40702.00-Greer Toyota

Lab ID: **2112111001**

Date Collected: 12/2/2015 18:08

Matrix: Air

Sample ID: **GT-Showroom-1A**

Date Received: 12/4/2015 09:42

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS @ STP										
Acetone	16		ug/m3	0.5	0.1	TO-15		12/21/15 22:15	ECB	A
Acrylonitrile	ND		ug/m3	0.4	0.09	TO-15		12/21/15 22:15	ECB	A
tert-Amyl methyl ether	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
Benzene	0.84		ug/m3	0.6	0.1	TO-15		12/21/15 22:15	ECB	A
Benzyl Chloride	ND		ug/m3	1	0.1	TO-15		12/21/15 22:15	ECB	A
Bromodichloromethane	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Bromoform	ND		ug/m3	2	0.2	TO-15		12/21/15 22:15	ECB	A
Bromomethane	ND		ug/m3	0.8	0.2	TO-15		12/21/15 22:15	ECB	A
1,3-Butadiene	ND		ug/m3	0.4	0.08	TO-15		12/21/15 22:15	ECB	A
n-Butane	28		ug/m3	0.5	0.1	TO-15		12/21/15 22:15	ECB	A
2-Butanone	0.96		ug/m3	0.6	0.09	TO-15		12/21/15 22:15	ECB	A
tert-Butyl Alcohol	0.43J	J	ug/m3	0.6	0.08	TO-15		12/21/15 22:15	ECB	A
Carbon Disulfide	ND		ug/m3	0.6	0.08	TO-15		12/21/15 22:15	ECB	A
Carbon Tetrachloride	0.28J	J	ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Chlorobenzene	ND		ug/m3	0.9	0.2	TO-15		12/21/15 22:15	ECB	A
Chlorodibromomethane	ND		ug/m3	2	0.3	TO-15		12/21/15 22:15	ECB	A
Chloroethane	ND		ug/m3	0.5	0.3	TO-15		12/21/15 22:15	ECB	A
Chloroform	1.6J	J	ug/m3	2	0.2	TO-15		12/21/15 22:15	ECB	A
Chloromethane	0.87		ug/m3	0.4	0.06	TO-15		12/21/15 22:15	ECB	A
3-Chloro-1-propene	ND		ug/m3	0.6	0.1	TO-15		12/21/15 22:15	ECB	A
o-Chlorotoluene	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Cyclohexane	0.31J	J	ug/m3	0.7	0.09	TO-15		12/21/15 22:15	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	0.2	TO-15		12/21/15 22:15	ECB	A
1,2-Dichlorobenzene	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
1,3-Dichlorobenzene	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
1,4-Dichlorobenzene	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Dichlorodifluoromethane	1.7		ug/m3	1	0.1	TO-15		12/21/15 22:15	ECB	A
1,1-Dichloroethane	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
1,1-Dichloroethene	ND		ug/m3	0.8	0.2	TO-15		12/21/15 22:15	ECB	A
cis-1,2-Dichloroethene	ND		ug/m3	0.8	0.09	TO-15		12/21/15 22:15	ECB	A
trans-1,2-Dichloroethene	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
1,2-Dichloropropane	ND		ug/m3	0.9	0.1	TO-15		12/21/15 22:15	ECB	A
cis-1,3-Dichloropropene	ND		ug/m3	0.9	0.1	TO-15		12/21/15 22:15	ECB	A
trans-1,3-Dichloropropene	ND		ug/m3	0.9	0.1	TO-15		12/21/15 22:15	ECB	A
1,3-Dichloropropene, Total	ND		ug/m3	2	0.1	TO-15		12/21/15 22:15	ECB	A
Diisopropyl ether	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A

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ANALYTICAL RESULTS

Workorder: 2112111 40702.00-Greer Toyota

Lab ID: **2112111001**
Sample ID: **GT-Showroom-1A**

Date Collected: 12/2/2015 18:08 Matrix: Air
Date Received: 12/4/2015 09:42

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
1,4-Dioxane	ND		ug/m3	0.7	0.2	TO-15		12/21/15 22:15	ECB	A
Ethanol	580	E	ug/m3	0.9	0.2	TO-15		12/21/15 22:15	ECB	A
Ethyl Acetate	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
Ethyl tert-butyl ether	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
Ethylbenzene	0.30J	J	ug/m3	0.9	0.1	TO-15		12/21/15 22:15	ECB	A
4-Ethyltoluene	ND		ug/m3	1	0.1	TO-15		12/21/15 22:15	ECB	A
Freon 113	0.34J	J	ug/m3	2	0.2	TO-15		12/21/15 22:15	ECB	A
Freon-114	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Heptane	1.3		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
Hexachlorobutadiene	ND		ug/m3	2	0.4	TO-15		12/21/15 22:15	ECB	A
Hexane	1.9		ug/m3	0.7	0.1	TO-15		12/21/15 22:15	ECB	A
2-Hexanone	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
Isopropyl Alcohol	4.0		ug/m3	0.5	0.06	TO-15		12/21/15 22:15	ECB	A
Isopropylbenzene	ND		ug/m3	1	0.1	TO-15		12/21/15 22:15	ECB	A
p-Isopropyltoluene	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Methyl Methacrylate	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	0.7	0.1	TO-15		12/21/15 22:15	ECB	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
Methylene Chloride	19		ug/m3	0.7	0.1	TO-15		12/21/15 22:15	ECB	A
Naphthalene	0.20J	J	ug/m3	1	0.1	TO-15		12/21/15 22:15	ECB	A
iso-Octane	0.38J	J	ug/m3	0.9	0.1	TO-15		12/21/15 22:15	ECB	A
n-Propylbenzene	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Propylene	2.1		ug/m3	0.3	0.06	TO-15		12/21/15 22:15	ECB	A
Styrene	0.26J	J	ug/m3	0.8	0.09	TO-15		12/21/15 22:15	ECB	A
1,1,2,2-Tetrachloroethane	ND		ug/m3	1	0.07	TO-15		12/21/15 22:15	ECB	A
Tetrachloroethene	1.0J	J	ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Tetrahydrofuran	ND		ug/m3	0.6	0.09	TO-15		12/21/15 22:15	ECB	A
Toluene	4.4		ug/m3	0.8	0.1	TO-15		12/21/15 22:15	ECB	A
Total Xylenes	1.5J	J	ug/m3	3	0.1	TO-15		12/21/15 22:15	ECB	A
1,2,4-Trichlorobenzene	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
1,1,1-Trichloroethane	ND		ug/m3	1	0.1	TO-15		12/21/15 22:15	ECB	A
1,1,2-Trichloroethane	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Trichloroethene	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
Trichlorofluoromethane	0.89J	J	ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
1,2,3-Trichloropropane	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
1,2,4-Trimethylbenzene	0.44J	J	ug/m3	1	0.1	TO-15		12/21/15 22:15	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	1	0.2	TO-15		12/21/15 22:15	ECB	A
1,2,3-Trimethylbenzene	ND		ug/m3	1	0.1	TO-15		12/21/15 22:15	ECB	A

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ANALYTICAL RESULTS

Workorder: 2112111 40702.00-Greer Toyota

Lab ID: **2112111001**

Date Collected: 12/2/2015 18:08

Matrix: Air

Sample ID: **GT-Showroom-1A**

Date Received: 12/4/2015 09:42

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
Vinyl Acetate	0.80		ug/m3	0.7	0.2	TO-15		12/21/15 22:15	ECB	A
Vinyl Bromide	ND		ug/m3	0.9	0.2	TO-15		12/21/15 22:15	ECB	A
Vinyl Chloride	ND		ug/m3	0.5	0.07	TO-15		12/21/15 22:15	ECB	A
o-Xylene	0.38J	J	ug/m3	0.9	0.1	TO-15		12/21/15 22:15	ECB	A
mp-Xylene	1.1J	J	ug/m3	2	0.2	TO-15		12/21/15 22:15	ECB	A
Acetone	6.7		ppbv	0.20	0.046	TO-15		12/21/15 22:15	ECB	A
Acrylonitrile	ND		ppbv	0.20	0.040	TO-15		12/21/15 22:15	ECB	A
tert-Amyl methyl ether	ND		ppbv	0.20	0.028	TO-15		12/21/15 22:15	ECB	A
Benzene	0.26		ppbv	0.20	0.030	TO-15		12/21/15 22:15	ECB	A
Benzyl Chloride	ND		ppbv	0.20	0.023	TO-15		12/21/15 22:15	ECB	A
Bromodichloromethane	ND		ppbv	0.20	0.029	TO-15		12/21/15 22:15	ECB	A
Bromoform	ND		ppbv	0.20	0.024	TO-15		12/21/15 22:15	ECB	A
Bromomethane	ND		ppbv	0.20	0.050	TO-15		12/21/15 22:15	ECB	A
1,3-Butadiene	ND		ppbv	0.20	0.036	TO-15		12/21/15 22:15	ECB	A
n-Butane	12		ppbv	0.20	0.059	TO-15		12/21/15 22:15	ECB	A
2-Butanone	0.33		ppbv	0.20	0.030	TO-15		12/21/15 22:15	ECB	A
tert-Butyl Alcohol	0.14J	J	ppbv	0.20	0.027	TO-15		12/21/15 22:15	ECB	A
Carbon Disulfide	ND		ppbv	0.20	0.027	TO-15		12/21/15 22:15	ECB	A
Carbon Tetrachloride	0.044J	J	ppbv	0.20	0.027	TO-15		12/21/15 22:15	ECB	A
Chlorobenzene	ND		ppbv	0.20	0.036	TO-15		12/21/15 22:15	ECB	A
Chlorodibromomethane	ND		ppbv	0.20	0.032	TO-15		12/21/15 22:15	ECB	A
Chloroethane	ND		ppbv	0.20	0.10	TO-15		12/21/15 22:15	ECB	A
Chloroform	0.32J	J	ppbv	0.50	0.035	TO-15		12/21/15 22:15	ECB	A
Chloromethane	0.42		ppbv	0.20	0.029	TO-15		12/21/15 22:15	ECB	A
3-Chloro-1-propene	ND		ppbv	0.20	0.036	TO-15		12/21/15 22:15	ECB	A
o-Chlorotoluene	ND		ppbv	0.20	0.031	TO-15		12/21/15 22:15	ECB	A
Cyclohexane	0.089J	J	ppbv	0.20	0.026	TO-15		12/21/15 22:15	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	0.032	TO-15		12/21/15 22:15	ECB	A
1,2-Dichlorobenzene	ND		ppbv	0.20	0.031	TO-15		12/21/15 22:15	ECB	A
1,3-Dichlorobenzene	ND		ppbv	0.20	0.038	TO-15		12/21/15 22:15	ECB	A
1,4-Dichlorobenzene	ND		ppbv	0.20	0.033	TO-15		12/21/15 22:15	ECB	A
Dichlorodifluoromethane	0.34		ppbv	0.20	0.026	TO-15		12/21/15 22:15	ECB	A
1,1-Dichloroethane	ND		ppbv	0.20	0.030	TO-15		12/21/15 22:15	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	0.036	TO-15		12/21/15 22:15	ECB	A
1,1-Dichloroethene	ND		ppbv	0.20	0.038	TO-15		12/21/15 22:15	ECB	A
cis-1,2-Dichloroethene	ND		ppbv	0.20	0.022	TO-15		12/21/15 22:15	ECB	A
trans-1,2-Dichloroethene	ND		ppbv	0.20	0.031	TO-15		12/21/15 22:15	ECB	A
1,2-Dichloropropane	ND		ppbv	0.20	0.031	TO-15		12/21/15 22:15	ECB	A

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ANALYTICAL RESULTS

Workorder: 2112111 40702.00-Greer Toyota

Lab ID: **2112111001**

Date Collected: 12/2/2015 18:08

Matrix: Air

Sample ID: **GT-Showroom-1A**

Date Received: 12/4/2015 09:42

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
cis-1,3-Dichloropropene	ND		ppbv	0.20	0.025	TO-15		12/21/15 22:15	ECB	A
trans-1,3-Dichloropropene	ND		ppbv	0.20	0.030	TO-15		12/21/15 22:15	ECB	A
1,3-Dichloropropene, Total	ND		ppbv	0.40	0.053	TO-15		12/21/15 22:15	ECB	A
Diisopropyl ether	ND		ppbv	0.20	0.030	TO-15		12/21/15 22:15	ECB	A
1,4-Dioxane	ND		ppbv	0.20	0.063	TO-15		12/21/15 22:15	ECB	A
Ethanol	310	E	ppbv	0.50	0.081	TO-15		12/21/15 22:15	ECB	A
Ethyl Acetate	ND		ppbv	0.20	0.029	TO-15		12/21/15 22:15	ECB	A
Ethyl tert-butyl ether	ND		ppbv	0.20	0.034	TO-15		12/21/15 22:15	ECB	A
Ethylbenzene	0.068J	J	ppbv	0.20	0.028	TO-15		12/21/15 22:15	ECB	A
4-Ethyltoluene	ND		ppbv	0.20	0.026	TO-15		12/21/15 22:15	ECB	A
Freon 113	0.045J	J	ppbv	0.20	0.025	TO-15		12/21/15 22:15	ECB	A
Freon-114	ND		ppbv	0.20	0.033	TO-15		12/21/15 22:15	ECB	A
Heptane	0.33		ppbv	0.20	0.025	TO-15		12/21/15 22:15	ECB	A
Hexachlorobutadiene	ND		ppbv	0.20	0.037	TO-15		12/21/15 22:15	ECB	A
Hexane	0.54		ppbv	0.20	0.032	TO-15		12/21/15 22:15	ECB	A
2-Hexanone	ND		ppbv	0.20	0.025	TO-15		12/21/15 22:15	ECB	A
Isopropyl Alcohol	1.6		ppbv	0.20	0.026	TO-15		12/21/15 22:15	ECB	A
Isopropylbenzene	ND		ppbv	0.20	0.029	TO-15		12/21/15 22:15	ECB	A
p-Isopropyltoluene	ND		ppbv	0.20	0.032	TO-15		12/21/15 22:15	ECB	A
Methyl methacrylate	ND		ppbv	0.20	0.034	TO-15		12/21/15 22:15	ECB	A
Methyl t-Butyl Ether	ND		ppbv	0.20	0.033	TO-15		12/21/15 22:15	ECB	A
4-Methyl-2-Pentanone(MIBK)	ND		ppbv	0.20	0.031	TO-15		12/21/15 22:15	ECB	A
Methylene Chloride	5.4		ppbv	0.20	0.034	TO-15		12/21/15 22:15	ECB	A
Naphthalene	0.038J	J	ppbv	0.20	0.022	TO-15		12/21/15 22:15	ECB	A
iso-Octane	0.081J	J	ppbv	0.20	0.024	TO-15		12/21/15 22:15	ECB	A
n-Propylbenzene	ND		ppbv	0.20	0.034	TO-15		12/21/15 22:15	ECB	A
Propylene	1.2		ppbv	0.20	0.034	TO-15		12/21/15 22:15	ECB	A
Styrene	0.062J	J	ppbv	0.20	0.022	TO-15		12/21/15 22:15	ECB	A
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	0.032	TO-15		12/21/15 22:15	ECB	A
Tetrachloroethene	0.15J	J	ppbv	0.20	0.034	TO-15		12/21/15 22:15	ECB	A
Tetrahydrofuran	ND		ppbv	0.20	0.030	TO-15		12/21/15 22:15	ECB	A
Toluene	1.2		ppbv	0.20	0.030	TO-15		12/21/15 22:15	ECB	A
Total Xylenes	0.34J	J	ppbv	0.60	0.080	TO-15		12/21/15 22:15	ECB	A
1,2,4-Trichlorobenzene	ND		ppbv	0.20	0.030	TO-15		12/21/15 22:15	ECB	A
1,1,1-Trichloroethane	ND		ppbv	0.20	0.026	TO-15		12/21/15 22:15	ECB	A
1,1,2-Trichloroethane	ND		ppbv	0.20	0.033	TO-15		12/21/15 22:15	ECB	A
Trichloroethene	ND		ppbv	0.20	0.039	TO-15		12/21/15 22:15	ECB	A
Trichlorofluoromethane	0.16J	J	ppbv	0.20	0.029	TO-15		12/21/15 22:15	ECB	A

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ANALYTICAL RESULTS

Workorder: 2112111 40702.00-Greer Toyota

Lab ID: **2112111001**

Date Collected: 12/2/2015 18:08

Matrix: Air

Sample ID: **GT-Showroom-1A**

Date Received: 12/4/2015 09:42

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
1,2,3-Trichloropropane	ND		ppbv	0.20	0.032	TO-15		12/21/15 22:15	ECB	A
1,2,4-Trimethylbenzene	0.090J	J	ppbv	0.20	0.028	TO-15		12/21/15 22:15	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	0.20	0.033	TO-15		12/21/15 22:15	ECB	A
1,2,3-Trimethylbenzene	ND		ppbv	0.20	0.028	TO-15		12/21/15 22:15	ECB	A
Vinyl Acetate	0.23		ppbv	0.20	0.046	TO-15		12/21/15 22:15	ECB	A
Vinyl Bromide	ND		ppbv	0.20	0.043	TO-15		12/21/15 22:15	ECB	A
Vinyl Chloride	ND		ppbv	0.20	0.029	TO-15		12/21/15 22:15	ECB	A
o-Xylene	0.087J	J	ppbv	0.20	0.026	TO-15		12/21/15 22:15	ECB	A
mp-Xylene	0.26J	J	ppbv	0.40	0.055	TO-15		12/21/15 22:15	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>		<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	95		%	70 - 130		TO-15		12/21/15 22:15	ECB	A

Ms. Amy K Borden
Project Coordinator

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PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
2112111001	E	GT-Showroom-1A	TO-15	Ethanol
Result reported exceeds instrument calibration				
2112111001	E	GT-Showroom-1A	TO-15	Ethanol
Result reported exceeds instrument calibration				

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Environmental

AIR ANALYSIS

CHAIN-OF-CUSTODY/FIELD TEST DATA SHEET

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER.

INSTRUCTIONS ON THE BACK.



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1. CLIENT INFORMATION				2. ANALYSES/METHOD REQUESTED				3. LABORATORY				RECEIVING INFORMATION:			
Client Name/Address: CHAZEN ENVIRONMENTAL 21 FOX ST, SUITE 201, DOUGHERTYSVILLE, PA				LABORATORY CANISTER CERTIFIED BY: GC/MS Analyst Signature: <i>[Signature]</i>				N Initial: <i>[Initials]</i>				COC Complete/Accurate? <i>[Initials]</i>			
Contact: ERIC ORLOWSKI				CANISTERS PREPARED BY: <i>[Signature]</i>				Labels Complete/Accurate? <i>[Initials]</i>				COC Complete/Accurate? <i>[Initials]</i>			
Phone/Fax: 845-486-1520				Name: ERIC ORLOWSKI				Cont. In Good Cond? <i>[Initials]</i>				COC Complete/Accurate? <i>[Initials]</i>			
Project Name/ID: 40702.00 - Greer Toyota				Title: ERIC ORLOWSKI				Custody Seals Present? <i>[Initials]</i>				COC Complete/Accurate? <i>[Initials]</i>			
Bill To: CHAZEN - ACCTS PAYABLE				Custody Sealed Date/Time: 11/24/15 16:35				(If present) Seals Intact? <i>[Initials]</i>				COC Complete/Accurate? <i>[Initials]</i>			
TAT ☒ Normal-Standard TAT is 10-12 business days.				Date Shipped to Client: 11/24/15				Returned in ≤ 15 days? <i>[Initials]</i>				COC Complete/Accurate? <i>[Initials]</i>			
On Request: ☒ Rush-TAT subject to ALS approval and surcharges.				Custody Seal #s: # 213				Custody Seal #s: <i>[Initials]</i>				COC Complete/Accurate? <i>[Initials]</i>			
Enlight ☒ Fax? ☒				Courier/Tracking #: <i>[Initials]</i>				Courier/Tracking #: <i>[Initials]</i>				COC Complete/Accurate? <i>[Initials]</i>			
4. FIELD DATA SHEET															
SAMPLE INFORMATION FOR TO-15															
TO-15 FIELD DATA															
LOGGED BY (signature): <i>[Signature]</i>															
REVIEWED BY (signature): <i>[Signature]</i>															
Relinquished By / Company Name: ERIC J. ORLOWSKI															
Date: 12/13/15															
Time: 1400															
Received By / Company Name: <i>[Signature]</i>															
Date: 12/15/15															
Time: 0942															
5. SAMPLED BY (Please Print):															
Relinquished By / Company Name: <i>[Signature]</i>															
Date: 12/13/15															
Time: 1400															
Received By / Company Name: <i>[Signature]</i>															
Date: 12/15/15															
Time: 0942															
6. PROJECT INFORMATION															
Standard ☒ DOD ☐ Other ☐															
CLP-like ☐ TO-15 ☐															
Deliverables ☐ Data ☐															
EDDs Type: ☐ Pickup ☐ Labor ☐															
ALS Field Services: ☐															
Other: <i>[Initials]</i>															
State Samples Collected In: ☒ NY ☐ NJ ☐ PA ☐ NC ☐ other <i>[Initials]</i>															

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 17057

Phone: 1-717-944-5541

Rev 03/02/2011

ALS

ALS-Middletown

TO-15 Sample Receipt Checklist

Client ID: CHAZEN ENV120.

Horizon WO#: 2112111

Sample Delivery Group ID:

Log In By/Date: Amy K. Borden 12/2/15

(signature) *Amy K. Borden*

Number of Shipping containers received: 1

Project Name/#: 40902.00- GREER TOYOTA

Date/Time received: 12/4/15 0542

Received By: *AS*

Project Manager Review (date)

(signature)

Courier: FedEx

Circle the response below as appropriate.

1. Did kit(s) come with a shipping slip (airbill, etc.)? ☒ YES ☐ NO ☐ NA
If YES, enter airbill numbers:

Shipping Container Information:

2. Were shipping containers received without signs of tampering? ☒ YES ☐ NO ☐ NA
Comments:

3. Were custody seals present and intact? ☒ YES ☐ NO ☐ NA

4. Were custody seals numbers present? ☒ YES ☐ NO ☐ NA
List Custody Seal Numbers: 2113

Sample Condition:

5. Were sample containers received intact without signs of tampering? ☒ YES ☐ NO ☐ NA
Comments:

Chain of Custody:

6. Did COC arrive with the samples? ☒ YES ☐ NO ☐ NA
7. Do sample ID/Sample Description(s) match samples submitted? ☒ YES ☐ NO ☐ NA
8. Is date and time of collection listed on the COC for all samples? ☒ YES ☐ NO ☐ NA
9. Is identification of sampler on COC? ☒ YES ☐ NO ☐ NA
10. Are requested test method(s) on COC? ☒ YES ☐ NO ☐ NA
11. Are necessary signatures on COC? ☒ YES ☐ NO ☐ NA
12. Was Internal COC initiated? (should always be YES) ☒ YES ☐ NO ☐ NA

Sample Integrity Usability:

13. Do sample containers match the COC? ☒ YES ☐ NO ☐ NA
14. Were sample canisters received within 15 days of shipment to client? ☒ YES ☐ NO ☐ NA

Anomalies or Non-Conformances:



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 03/30/2016

Client Project ID: 40702.13 Greer Toyota

York Project (SDG) No.: 16C1066

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 03/30/2016
Client Project ID: 40702.13 Greer Toyota
York Project (SDG) No.: 16C1066

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 25, 2016 and listed below. The project was identified as your project: **40702.13 Greer Toyota**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
16C1066-01	GT-MW-4	Water	03/24/2016	03/25/2016
16C1066-02	GT-MW-5	Water	03/24/2016	03/25/2016
16C1066-03	GT-HR-RAW	Drinking Water	03/24/2016	03/25/2016
16C1066-04	GT-HR-KITCHEN	Drinking Water	03/24/2016	03/25/2016

General Notes for York Project (SDG) No.: 16C1066

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 03/30/2016





Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 16C1066-01

York Project (SDG) No.

16C1066

Client Project ID

40702.13 Greer Toyota

Matrix

Water

Collection Date/Time

March 24, 2016 2:07 pm

Date Received

03/25/2016

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
78-93-3	2-Butanone	0.95		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
591-78-6	2-Hexanone	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
108-10-1	4-Methyl-2-pentanone	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
67-64-1	Acetone	2.9	CCV-E, SCAL- E, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS



Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 16C1066-01

York Project (SDG) No.
16C1066

Client Project ID
40702.13 Greer Toyota

Matrix
Water

Collection Date/Time
March 24, 2016 2:07 pm

Date Received
03/25/2016

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
98-82-8	Isopropylbenzene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/28/2016 16:38	03/29/2016 00:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/28/2016 16:38	03/29/2016 00:50	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
127-18-4	Tetrachloroethylene	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS



Sample Information

Client Sample ID: GT-MW-4

York Sample ID: 16C1066-01

York Project (SDG) No.
16C1066

Client Project ID
40702.13 Greer Toyota

Matrix
Water

Collection Date/Time
March 24, 2016 2:07 pm

Date Received
03/25/2016

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/28/2016 16:38	03/29/2016 00:50	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: Toluene-d8	93.6 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %			79-122						

Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 16C1066-02

York Project (SDG) No.
16C1066

Client Project ID
40702.13 Greer Toyota

Matrix
Water

Collection Date/Time
March 24, 2016 1:55 pm

Date Received
03/25/2016

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS



Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 16C1066-02

York Project (SDG) No.
16C1066

Client Project ID
40702.13 Greer Toyota

Matrix
Water

Collection Date/Time
March 24, 2016 1:55 pm

Date Received
03/25/2016

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
67-64-1	Acetone	5.5	CCV-E, SCAL- E, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS



Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 16C1066-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16C1066

40702.13 Greer Toyota

Water

March 24, 2016 1:55 pm

03/25/2016

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	0.59		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/28/2016 16:38	03/29/2016 01:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/28/2016 16:38	03/29/2016 01:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
127-18-4	Tetrachloroethylene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
79-01-6	Trichloroethylene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/28/2016 16:38	03/29/2016 01:17	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								



Sample Information

Client Sample ID: GT-MW-5

York Sample ID: 16C1066-02

York Project (SDG) No.

16C1066

Client Project ID

40702.13 Greer Toyota

Matrix

Water

Collection Date/Time

March 24, 2016 1:55 pm

Date Received

03/25/2016

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	96.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.9 %			79-122						

Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 16C1066-03

York Project (SDG) No.

16C1066

Client Project ID

40702.13 Greer Toyota

Matrix

Drinking Water

Collection Date/Time

March 24, 2016 10:40 am

Date Received

03/25/2016

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.06	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
75-25-2	Bromoform	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	03/29/2016 08:37	03/29/2016 17:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
75-00-3	Chloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
67-66-3	Chloroform	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
74-87-3	Chloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 16C1066-03

York Project (SDG) No.
16C1066

Client Project ID
40702.13 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 24, 2016 10:40 am

Date Received
03/25/2016

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.04	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	1.8		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS



Sample Information

Client Sample ID: GT-HR-RAW

York Sample ID: 16C1066-03

York Project (SDG) No.
16C1066

Client Project ID
40702.13 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 24, 2016 10:40 am

Date Received
03/25/2016

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.06	2.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
100-42-5	Styrene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
95-47-6	* o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH	03/29/2016 08:37	03/29/2016 17:54	SS
179601-23-1	* p- & m- Xylenes	ND		ug/L	0.2	1.0	1	EPA 524.2 Certifications: CTDOH	03/29/2016 08:37	03/29/2016 17:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 17:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	117 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	92.9 %	79-122								
2037-26-5	Surrogate: Toluene-d8	99.4 %	81-117								



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 16C1066-04

York Project (SDG) No.
16C1066

Client Project ID
40702.13 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 24, 2016 10:45 am

Date Received
03/25/2016

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
108-86-1	Bromobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.06	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
75-25-2	Bromoform	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
74-83-9	Bromomethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854	03/29/2016 08:37	03/29/2016 18:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
75-00-3	Chloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
67-66-3	Chloroform	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
74-87-3	Chloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
74-95-3	Dibromomethane	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 16C1066-04

York Project (SDG) No.
16C1066

Client Project ID
40702.13 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 24, 2016 10:45 am

Date Received
03/25/2016

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.04	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.09	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
75-09-2	Methylene chloride	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
91-20-3	Naphthalene	ND		ug/L	0.06	2.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
100-42-5	Styrene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
108-88-3	Toluene	ND		ug/L	0.05	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.08	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS



Sample Information

Client Sample ID: GT-HR-KITCHEN

York Sample ID: 16C1066-04

York Project (SDG) No.
16C1066

Client Project ID
40702.13 Greer Toyota

Matrix
Drinking Water

Collection Date/Time
March 24, 2016 10:45 am

Date Received
03/25/2016

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
79-01-6	Trichloroethylene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.2	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.1	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
95-47-6	* o-Xylene	ND		ug/L	0.07	0.5	1	EPA 524.2 Certifications: CTDOH	03/29/2016 08:37	03/29/2016 18:33	SS
179601-23-1	* p- & m- Xylenes	ND		ug/L	0.2	1.0	1	EPA 524.2 Certifications: CTDOH	03/29/2016 08:37	03/29/2016 18:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/29/2016 08:37	03/29/2016 18:33	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	95.0 %	79-122								
2037-26-5	Surrogate: Toluene-d8	98.4 %	81-117								



Analytical Batch Summary

Batch ID: BC61439

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
16C1066-01	GT-MW-4	03/28/16
16C1066-02	GT-MW-5	03/28/16
BC61439-BLK1	Blank	03/28/16
BC61439-BS1	LCS	03/28/16
BC61439-BSD1	LCS Dup	03/28/16

Batch ID: BC61486

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
16C1066-03	GT-HR-RAW	03/29/16
16C1066-04	GT-HR-KITCHEN	03/29/16
BC61486-BLK1	Blank	03/29/16
BC61486-BS1	LCS	03/29/16
BC61486-BSD1	LCS Dup	03/29/16



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC61439 - EPA 5030B											
Blank (BC61439-BLK1)										Prepared & Analyzed: 03/28/2016	
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.8	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC61439 - EPA 5030B											
Blank (BC61439-BLK1)						Prepared & Analyzed: 03/28/2016					
Xylenes, Total	ND	1.5	ug/L								
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: Toluene-d8	9.35		"	10.0		93.5	81-117				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				
LCS (BC61439-BS1)						Prepared & Analyzed: 03/28/2016					
1,1,1-Trichloroethane	11		ug/L	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	9.7		"	10.0		97.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		112	54-165				
1,1,2-Trichloroethane	10		"	10.0		102	82-123				
1,1-Dichloroethane	11		"	10.0		112	82-129				
1,1-Dichloroethylene	11		"	10.0		114	68-138				
1,2,3-Trichlorobenzene	9.0		"	10.0		89.5	76-136				
1,2,4-Trichlorobenzene	8.8		"	10.0		88.3	76-137				
1,2-Dibromo-3-chloropropane	9.0		"	10.0		89.7	45-147				
1,2-Dibromoethane	10		"	10.0		101	83-124				
1,2-Dichlorobenzene	10		"	10.0		105	79-123				
1,2-Dichloroethane	11		"	10.0		113	73-132				
1,2-Dichloropropane	10		"	10.0		102	78-126				
1,3-Dichlorobenzene	11		"	10.0		107	86-122				
1,4-Dichlorobenzene	10		"	10.0		105	85-124				
2-Butanone	11		"	10.0		107	49-152				
2-Hexanone	9.7		"	10.0		96.7	51-146				
4-Methyl-2-pentanone	9.3		"	10.0		92.8	57-145				
Acetone	11		"	10.0		111	14-150				
Benzene	11		"	10.0		112	85-126				
Bromochloromethane	12		"	10.0		118	77-128				
Bromodichloromethane	9.9		"	10.0		98.8	79-128				
Bromoform	9.7		"	10.0		97.0	78-133				
Bromomethane	7.3		"	10.0		73.0	43-168				
Carbon disulfide	11		"	10.0		108	68-146				
Carbon tetrachloride	11		"	10.0		114	77-141				
Chlorobenzene	11		"	10.0		108	88-120				
Chloroethane	11		"	10.0		106	65-136				
Chloroform	11		"	10.0		111	82-128				
Chloromethane	8.5		"	10.0		85.0	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		112	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		102	80-131				
Cyclohexane	11		"	10.0		110	63-149				
Dibromochloromethane	10		"	10.0		102	80-130				
Dichlorodifluoromethane	9.6		"	10.0		96.5	44-144				
Ethyl Benzene	11		"	10.0		107	80-131				
Isopropylbenzene	11		"	10.0		109	76-140				
Methyl acetate	11		"	10.0		108	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		106	76-135				
Methylcyclohexane	10		"	10.0		102	72-143				
Methylene chloride	11		"	10.0		111	55-137				
o-Xylene	11		"	10.0		112	78-130				
p- & m- Xylenes	22		"	20.0		110	77-133				
Styrene	10		"	10.0		101	67-132				
Tetrachloroethylene	12		"	10.0		119	82-131				
Toluene	9.8		"	10.0		98.1	80-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC61439 - EPA 5030B											
LCS (BC61439-BS1)						Prepared & Analyzed: 03/28/2016					
trans-1,2-Dichloroethylene	11		ug/L	10.0		114	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131				
Trichloroethylene	10		"	10.0		104	82-128				
Trichlorofluoromethane	11		"	10.0		112	67-139				
Vinyl Chloride	10		"	10.0		102	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.85		"	10.0		98.5	69-130				
Surrogate: Toluene-d8	9.62		"	10.0		96.2	81-117				
Surrogate: p-Bromofluorobenzene	9.89		"	10.0		98.9	79-122				
LCS Dup (BC61439-BSD1)						Prepared & Analyzed: 03/28/2016					
1,1,1-Trichloroethane	11		ug/L	10.0		114	78-136		1.94	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129		4.92	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		112	54-165		0.0894	30	
1,1,2-Trichloroethane	11		"	10.0		106	82-123		3.84	30	
1,1-Dichloroethane	11		"	10.0		114	82-129		2.04	30	
1,1-Dichloroethylene	11		"	10.0		115	68-138		1.14	30	
1,2,3-Trichlorobenzene	10		"	10.0		101	76-136		12.0	30	
1,2,4-Trichlorobenzene	9.7		"	10.0		96.6	76-137		8.98	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.2	45-147		6.99	30	
1,2-Dibromoethane	11		"	10.0		106	83-124		4.34	30	
1,2-Dichlorobenzene	11		"	10.0		107	79-123		1.70	30	
1,2-Dichloroethane	12		"	10.0		118	73-132		4.07	30	
1,2-Dichloropropane	10		"	10.0		105	78-126		2.51	30	
1,3-Dichlorobenzene	11		"	10.0		109	86-122		1.39	30	
1,4-Dichlorobenzene	11		"	10.0		108	85-124		2.64	30	
2-Butanone	12		"	10.0		117	49-152		9.00	30	
2-Hexanone	10		"	10.0		102	51-146		5.14	30	
4-Methyl-2-pentanone	10		"	10.0		99.9	57-145		7.37	30	
Acetone	12		"	10.0		117	14-150		5.44	30	
Benzene	12		"	10.0		116	85-126		3.25	30	
Bromochloromethane	12		"	10.0		118	77-128		0.170	30	
Bromodichloromethane	10		"	10.0		101	79-128		2.30	30	
Bromoform	10		"	10.0		104	78-133		6.77	30	
Bromomethane	6.8		"	10.0		67.5	43-168		7.83	30	
Carbon disulfide	11		"	10.0		110	68-146		1.84	30	
Carbon tetrachloride	12		"	10.0		116	77-141		1.65	30	
Chlorobenzene	11		"	10.0		110	88-120		1.65	30	
Chloroethane	11		"	10.0		106	65-136		0.189	30	
Chloroform	11		"	10.0		114	82-128		2.76	30	
Chloromethane	8.6		"	10.0		86.5	43-155		1.75	30	
cis-1,2-Dichloroethylene	11		"	10.0		114	83-129		2.30	30	
cis-1,3-Dichloropropylene	10		"	10.0		104	80-131		2.03	30	
Cyclohexane	11		"	10.0		113	63-149		2.95	30	
Dibromochloromethane	10		"	10.0		105	80-130		2.42	30	
Dichlorodifluoromethane	9.5		"	10.0		94.7	44-144		1.88	30	
Ethyl Benzene	11		"	10.0		107	80-131		0.281	30	
Isopropylbenzene	11		"	10.0		111	76-140		1.90	30	
Methyl acetate	12		"	10.0		119	51-139		9.61	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		113	76-135		6.56	30	
Methylcyclohexane	10		"	10.0		103	72-143		0.881	30	
Methylene chloride	11		"	10.0		113	55-137		2.06	30	
o-Xylene	11		"	10.0		114	78-130		2.22	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC61439 - EPA 5030B

LCS Dup (BC61439-BSD1)

Prepared & Analyzed: 03/28/2016

p- & m- Xylenes	22		ug/L	20.0		112	77-133		1.75	30
Styrene	10		"	10.0		103	67-132		1.57	30
Tetrachloroethylene	11		"	10.0		108	82-131		9.72	30
Toluene	9.9		"	10.0		99.3	80-127		1.22	30
trans-1,2-Dichloroethylene	12		"	10.0		116	80-132		2.26	30
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131		2.92	30
Trichloroethylene	10		"	10.0		105	82-128		1.25	30
Trichlorofluoromethane	11		"	10.0		111	67-139		1.07	30
Vinyl Chloride	10		"	10.0		105	58-145		2.22	30
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130			
Surrogate: Toluene-d8	9.51		"	10.0		95.1	81-117			
Surrogate: p-Bromofluorobenzene	9.96		"	10.0		99.6	79-122			

Batch BC61486 - EPA 5030B

Blank (BC61486-BLK1)

Prepared & Analyzed: 03/29/2016

Benzene	ND	0.5	ug/L
Bromobenzene	ND	0.5	"
Bromochloromethane	ND	0.5	"
Bromodichloromethane	ND	0.5	"
Bromoform	ND	0.5	"
Bromomethane	ND	0.5	"
tert-Butylbenzene	ND	0.5	"
n-Butylbenzene	ND	0.5	"
sec-Butylbenzene	ND	0.5	"
Carbon tetrachloride	ND	0.5	"
Chlorobenzene	ND	0.5	"
Chloroethane	ND	0.5	"
Chloroform	ND	0.5	"
Chloromethane	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
Dibromochloromethane	ND	0.5	"
Dibromomethane	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
1,3-Dichlorobenzene	ND	0.5	"
Dichlorodifluoromethane	ND	0.5	"
1,2-Dichloroethane	ND	0.5	"
1,1-Dichloroethane	ND	0.5	"
trans-1,2-Dichloroethylene	ND	0.5	"
cis-1,2-Dichloroethylene	ND	0.5	"
1,1-Dichloroethylene	ND	0.5	"
1,2-Dichloropropane	ND	0.5	"
2,2-Dichloropropane	ND	0.5	"
1,3-Dichloropropane	ND	0.5	"
cis-1,3-Dichloropropylene	ND	0.5	"
1,1-Dichloropropylene	ND	0.5	"
trans-1,3-Dichloropropylene	ND	0.5	"
Ethyl Benzene	ND	0.5	"
Hexachlorobutadiene	ND	0.5	"
Isopropylbenzene	ND	0.5	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC61486 - EPA 5030B

Blank (BC61486-BLK1)

Prepared & Analyzed: 03/29/2016

p-Isopropyltoluene	ND	0.5	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.5	"
Methylene chloride	ND	0.5	"
Naphthalene	ND	2.0	"
n-Propylbenzene	ND	0.5	"
Styrene	ND	0.5	"
1,1,1,2-Tetrachloroethane	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
Tetrachloroethylene	ND	0.5	"
Toluene	ND	0.5	"
1,2,4-Trichlorobenzene	ND	0.5	"
1,2,3-Trichlorobenzene	ND	0.5	"
1,1,1-Trichloroethane	ND	0.5	"
1,1,2-Trichloroethane	ND	0.5	"
Trichloroethylene	ND	0.5	"
Trichlorofluoromethane	ND	0.5	"
1,2,3-Trichloropropane	ND	0.5	"
1,3,5-Trimethylbenzene	ND	0.5	"
1,2,4-Trimethylbenzene	ND	0.5	"
Vinyl Chloride	ND	0.5	"
o-Xylene	ND	0.5	"
p- & m- Xylenes	ND	1.0	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	12	"	10.0	115	69-130
Surrogate: p-Bromofluorobenzene	9.6	"	10.0	95.6	79-122
Surrogate: Toluene-d8	10	"	10.0	99.9	81-117

LCS (BC61486-BS1)

Prepared & Analyzed: 03/29/2016

Benzene	9.8	ug/L	10.0	98.4	85-126
Bromobenzene	10	"	10.0	102	78-129
Bromochloromethane	10	"	10.0	104	77-128
Bromodichloromethane	12	"	10.0	122	79-128
Bromoform	13	"	10.0	127	78-133
Bromomethane	6.0	"	10.0	59.8	43-168
tert-Butylbenzene	9.7	"	10.0	96.9	77-138
n-Butylbenzene	9.3	"	10.0	92.8	79-132
sec-Butylbenzene	9.5	"	10.0	94.9	79-137
Carbon tetrachloride	11	"	10.0	111	77-141
Chlorobenzene	10	"	10.0	102	88-120
Chloroethane	9.6	"	10.0	95.6	65-136
Chloroform	11	"	10.0	110	82-128
Chloromethane	7.8	"	10.0	78.3	43-155
2-Chlorotoluene	9.7	"	10.0	97.3	79-130
4-Chlorotoluene	9.7	"	10.0	97.2	79-128
Dibromochloromethane	13	"	10.0	127	80-130
Dibromomethane	11	"	10.0	113	72-134
1,2-Dichlorobenzene	11	"	10.0	109	79-123
1,4-Dichlorobenzene	11	"	10.0	107	84-124
1,3-Dichlorobenzene	11	"	10.0	106	86-122
Dichlorodifluoromethane	8.5	"	10.0	85.1	44-144
1,2-Dichloroethane	12	"	10.0	121	73-132
1,1-Dichloroethane	9.9	"	10.0	99.2	82-129



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC61486 - EPA 5030B

LCS (BC61486-BS1)

Prepared & Analyzed: 03/29/2016

trans-1,2-Dichloroethylene	10		ug/L	10.0		99.6	80-132				
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129				
1,1-Dichloroethylene	9.9		"	10.0		98.8	68-138				
1,2-Dichloropropane	10		"	10.0		102	78-126				
2,2-Dichloropropane	11		"	10.0		110	56-150				
1,3-Dichloropropane	12		"	10.0		118	81-125				
cis-1,3-Dichloropropylene	12		"	10.0		116	79-131				
1,1-Dichloropropylene	10		"	10.0		105	83-133				
trans-1,3-Dichloropropylene	12		"	10.0		120	78-131				
Ethyl Benzene	9.9		"	10.0		99.2	80-131				
Hexachlorobutadiene	11		"	10.0		107	67-146				
Isopropylbenzene	9.4		"	10.0		93.9	76-140				
p-Isopropyltoluene	9.5		"	10.0		94.6	81-136				
Methyl tert-butyl ether (MTBE)	12		"	10.0		120	76-135				
Methylene chloride	9.7		"	10.0		96.9	55-137				
Naphthalene	13		"	10.0		126	70-147				
n-Propylbenzene	9.4		"	10.0		93.7	78-133				
Styrene	10		"	10.0		101	67-132				
1,1,1,2-Tetrachloroethane	12		"	10.0		115	82-126				
1,1,2,2-Tetrachloroethane	11		"	10.0		112	76-129				
Tetrachloroethylene	11		"	10.0		107	82-131				
Toluene	10		"	10.0		101	79-127				
1,2,4-Trichlorobenzene	12		"	10.0		116	76-137				
1,2,3-Trichlorobenzene	13		"	10.0		126	76-136				
1,1,1-Trichloroethane	11		"	10.0		109	78-136				
1,1,2-Trichloroethane	12		"	10.0		120	82-123				
Trichloroethylene	9.8		"	10.0		98.4	82-128				
Trichlorofluoromethane	11		"	10.0		110	67-139				
1,2,3-Trichloropropane	11		"	10.0		112	77-128				
1,3,5-Trimethylbenzene	9.2		"	10.0		92.5	80-131				
1,2,4-Trimethylbenzene	9.5		"	10.0		95.2	82-132				
Vinyl Chloride	8.7		"	10.0		87.0	58-145				
o-Xylene	10		"	10.0		103	78-130				
p- & m- Xylenes	20		"	20.0		97.6	77-133				
Surrogate: 1,2-Dichloroethane-d4	11		"	10.0		114	69-130				
Surrogate: p-Bromofluorobenzene	9.8		"	10.0		98.5	79-122				
Surrogate: Toluene-d8	10		"	10.0		101	81-117				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC61486 - EPA 5030B											
LCS Dup (BC61486-BSD1)						Prepared & Analyzed: 03/29/2016					
Benzene	9.6		ug/L	10.0		95.9	85-126		2.57	30	
Bromobenzene	10		"	10.0		99.5	78-129		1.99	30	
Bromochloromethane	10		"	10.0		105	77-128		0.670	30	
Bromodichloromethane	11		"	10.0		114	79-128		6.69	30	
Bromoform	12		"	10.0		121	78-133		4.77	30	
Bromomethane	6.5		"	10.0		65.4	43-168		8.95	30	
tert-Butylbenzene	9.3		"	10.0		92.6	77-138		4.54	30	
n-Butylbenzene	8.8		"	10.0		88.4	79-132		4.86	30	
sec-Butylbenzene	9.2		"	10.0		92.5	79-137		2.56	30	
Carbon tetrachloride	11		"	10.0		107	77-141		4.31	30	
Chlorobenzene	10		"	10.0		101	88-120		1.87	30	
Chloroethane	9.6		"	10.0		96.2	65-136		0.626	30	
Chloroform	11		"	10.0		106	82-128		3.61	30	
Chloromethane	7.2		"	10.0		72.3	43-155		7.97	30	
2-Chlorotoluene	9.4		"	10.0		94.2	79-130		3.24	30	
4-Chlorotoluene	9.5		"	10.0		95.1	79-128		2.18	30	
Dibromochloromethane	12		"	10.0		121	80-130		4.59	30	
Dibromomethane	12		"	10.0		115	72-134		1.57	30	
1,2-Dichlorobenzene	11		"	10.0		106	79-123		2.60	30	
1,4-Dichlorobenzene	10		"	10.0		104	84-124		3.31	30	
1,3-Dichlorobenzene	10		"	10.0		102	86-122		4.71	30	
Dichlorodifluoromethane	8.0		"	10.0		80.5	44-144		5.56	30	
1,2-Dichloroethane	12		"	10.0		118	73-132		2.50	30	
1,1-Dichloroethane	9.8		"	10.0		98.4	82-129		0.810	30	
trans-1,2-Dichloroethylene	9.7		"	10.0		96.7	80-132		2.95	30	
cis-1,2-Dichloroethylene	9.9		"	10.0		99.1	83-129		2.79	30	
1,1-Dichloroethylene	9.4		"	10.0		93.5	68-138		5.51	30	
1,2-Dichloropropane	9.8		"	10.0		97.7	78-126		3.82	30	
2,2-Dichloropropane	11		"	10.0		105	56-150		4.00	30	
1,3-Dichloropropane	11		"	10.0		112	81-125		4.53	30	
cis-1,3-Dichloropropylene	11		"	10.0		112	79-131		2.72	30	
1,1-Dichloropropylene	10		"	10.0		101	83-133		3.89	30	
trans-1,3-Dichloropropylene	12		"	10.0		116	78-131		2.97	30	
Ethyl Benzene	9.7		"	10.0		97.2	80-131		2.04	30	
Hexachlorobutadiene	10		"	10.0		104	67-146		2.65	30	
Isopropylbenzene	9.3		"	10.0		93.3	76-140		0.641	30	
p-Isopropyltoluene	9.1		"	10.0		90.7	81-136		4.21	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		114	76-135		4.54	30	
Methylene chloride	9.8		"	10.0		97.5	55-137		0.617	30	
Naphthalene	12		"	10.0		118	70-147		6.38	30	
n-Propylbenzene	9.1		"	10.0		91.0	78-133		2.92	30	
Styrene	9.8		"	10.0		98.1	67-132		2.81	30	
1,1,1,2-Tetrachloroethane	11		"	10.0		113	82-126		2.28	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		107	76-129		4.19	30	
Tetrachloroethylene	10		"	10.0		102	82-131		4.98	30	
Toluene	10		"	10.0		100	79-127		1.19	30	
1,2,4-Trichlorobenzene	11		"	10.0		110	76-137		4.86	30	
1,2,3-Trichlorobenzene	12		"	10.0		124	76-136		2.00	30	
1,1,1-Trichloroethane	11		"	10.0		106	78-136		3.16	30	
1,1,2-Trichloroethane	12		"	10.0		118	82-123		2.11	30	
Trichloroethylene	9.9		"	10.0		99.0	82-128		0.608	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC61486 - EPA 5030B

LCS Dup (BC61486-BSD1)

Prepared & Analyzed: 03/29/2016

Trichlorofluoromethane	11		ug/L	10.0		106	67-139		4.36	30	
1,2,3-Trichloropropane	11		"	10.0		108	77-128		3.71	30	
1,3,5-Trimethylbenzene	9.0		"	10.0		89.7	80-131		3.07	30	
1,2,4-Trimethylbenzene	9.1		"	10.0		91.2	82-132		4.29	30	
Vinyl Chloride	8.0		"	10.0		80.0	58-145		8.38	30	
o-Xylene	9.9		"	10.0		99.3	78-130		3.37	30	
p- & m- Xylenes	19		"	20.0		95.8	77-133		1.96	30	
Surrogate: 1,2-Dichloroethane-d4	11		"	10.0		115	69-130				
Surrogate: p-Bromofluorobenzene	9.8		"	10.0		97.9	79-122				
Surrogate: Toluene-d8	10		"	10.0		100	81-117				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16C1066-01	GT-MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C1066-02	GT-MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C1066-03	GT-HR-RAW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C1066-04	GT-HR-KITCHEN	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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Appendix C: Field Notes and CAMP Monitoring Data

LISTING OF SITE VISITS CONDUCTED BY CHAZEN STAFF DURING NEW SHOWROOM CONSTRUCTION

Former Greer Property
U.S. Route 9 and Old Hopewell Road
Town of Wappinger, Dutchess County, New York

DATE	CHAZEN STAFF	PURPOSE OF VISIT / WORK BEING CONDUCTED
4/28/2014	Urban-Mead	Observation of beginning of demolition/excavation work in SMA
4/29/2014	Hayes	Observation of concrete structure excavation in SMA
5/1/2014	Hayes, Urban-Mead	Observation of ongoing excavation in SMA
5/29/2014	Orlowski	Observation of excavation for building footings in/near SMA
6/2/2014	Urban-Mead	Observation of construction progress in SMA
6/9/2014	Urban-Mead	Observation of footings and SSDS plumbing installations
6/16/2015	Martin	Observation of removal of unused tank south of SMA

GREEN TOTORA

MAY 1, 2014
JH

- JH ON SITE 9:45 AM
- 2ND DAY EXCAVATION MONTROSE
- OVERCAST, WIND < 5 MPH, 52°
- CREW IS TRAILING IN ZONE.

	P10		EVERY 15 MINS		POCKET		AM
	1ST	2ND	10:00	10:15	10:30	10:45	
UPWIND	φ	5.1	4.9	6.4	6.5	✓	
CALIBRATE	100 PPM w/ ISOBUTYL TANK						

TOWNEN φ 6.8 6.9 6.8 6.9

NO ODOM, SHEEN OR DISCONTINUITY.

JH LEAVES SITE @ 11:45 AM.

RUN R. TO CALL IF ODOM/STAIN OCCURS

POCKET - NO VISIBLE DUST.

ZERO / ~~STRA~~ STRAIN RUN INST. ✓

UPWIND (IN TRUCK) = 0.000 MG/M³

EXCAVATION	10:15	10:30	10:45	11:00 AM
φ	0.001	φ	0.061	0.035

DISTANCE OLD ~~SEPTIC~~ CONCRETE DRAIN BOXES

RON @ ROADBACK CONST.

845-656-5269 4/29/14

JTH GASTITE @ 8:45 AM

@ 9:00 AM

RC TRENCHING DISCOVERS PRECAST CONCRETE

@ ~18" DEEP SEPTIC TANK ? 32' x 8'

CALCULATE PID & INSPECT/SURVEY PARALLS IN TOP OF SEPTIC TANK

PID READINGS IN INSPECTION REPORTS: ϕ

PID = ϕ 32' 4" IN.

GREER TOYOTA

EXISTING BUILDING

SERVICE BAY

DISCHARGE LINE 4" PVC PIPE TO 24" INTRIC TATION PIPE

PID = ϕ

GFT: PHOTO AT TOP, w/ PID = ϕ TRENCH.

GREER TOYOTA 40702.00

UNWRINDERS TRAILER, NY RT. 9

APRIL 29 DIG FOOTING

JOE ALPES REMOVE CONCRETE DRAIN BOXES.

CAMP AIR MONITORING OF EXCAV.

- PID LOS PER 3/13/14

- PARTICULATE APPROPRIATE WORKPLAN

- CALIBRATE PID w/ ISOBOYLC

- ZERO PARTICULATE NUM

UPWIND DOWNWIND/TRENCH

PID ϕ 8:50 AM ϕ

ϕ 9:20 AM @ REBAR'S IN CONC. LID.

1250 PM ϕ (ALL LOCATIONS)

ϕ (EXCAVATE CONCRETE) ϕ (SEE SKETCH)

PARTICULATE ϕ 8:55 AM ϕ 9

NO VISIBLE DUST.

BY 1 PM ALL CONCRETE DRAIN BOXES & LIDS

REMOVED. NO OPEN PIT ON SITE in the Rain.

40702.00 - Greer Toyota

5/29/2014

CAMP Readings

Time	PID	Dust
1735	0.0	0.000
1745	0.0	0.000
1755	0.0	0.000
1805	0.0	0.000
1815	0.0	0.006
1825	0.0	0.004
1835	0.0	0.004
1845	0.0	0.004
1855	0.0	0.004

Notes:

Soils : 2" Asphalt

~12" Item 4/subbase

Brown silty sand w/ cobbles, boulders,
some large shale frags.

No staining or odor, soils PID negative.
(< 1 ppm)

Encountered OOS septic tank @

SE corner of footing.

Contained stagnant water, little
sediment (minor old seepage odor)

PID's all < 1 on soils, sediments
ppm