# TRANSMITTAL LETTER

ARCADIS Design & Consultancy for natural and built assets

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From:
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Date:
July 15, 2016

Subject:
DC Rollforms Site 907019
Site Management PRR and
IC/EC Certification 2015-2016

Arcadis Project No.:
AY000219.0024

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ARCADIS Design & Consultancy for natural and built assets

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# JUNE 2015 – JUNE 2016 ANNUAL SITE MANAGEMENT-PERIODIC REVIEW REPORT

D.C. Rollforms Site

Jamestown, New York

NYSDEC Site No. 907019

July 2016

# JUNE 2015 – JUNE 2016 ANNUAL SITE MANAGEMENT-PERIODIC REVIEW REPORT

D.C. Rollforms Site
Jamestown, New York

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Date:

July 13, 2016

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# ACRONYMS AND ABBREVIATIONS

| | |
|---|---|
| AC | air compressor |
| acfm | actual cubic feet per minute |
| AGC | Annual Guidance Concentration |
| AS | air stripper |
| B | blower |
| BPU | Board of Public Utilities |
| CF | cartridge filters |
| COC | Constituents of Concern |
| DCE | Dichloroethene |
| DNAPL | Dense Non-aqueous Phase Liquid |
| DRO | Diesel Range Organics |
| FSP | Field Sampling Plan |
| gpm | gallons per minute |
| GRO | Gasoline Range Organics |
| In W.C. | Inches of Water Column |
| kg | kilograms |
| lbs | pounds |
| LPGOC | Liquid Phase Granular Organically Modified Clay |
| PLC | Programmable Logic Controller |
| MW | monitoring well |
| NAPL | Non-Aqueous Phase Liquid |
| ND | non-detect |
| NYSDEC | New York State Department of Environmental Conservation |
| O&G | Oil and Grease |
| O&M | Operation and Maintenance |
| OM&M | Operation, Maintenance and Monitoring |
| OW | observation well |
| OWS | oil/water separator |
| PCBs | polychlorinated Biphenyls |

| | |
|---|---|
| PLC | programmable logic controller |
| POTW | Publicly Owned Treatment Works |
| SMP | Site Management Plan |
| SP | sample port |
| SVE | soil vapor extraction |
| TCE | Trichloroethene |
| TP | transfer pump |
| TPH | Total Petroleum Hydrocarbons |
| TSS | Total Suspended Solids |
| µg/L | micrograms per liter |
| mg/L | milligrams per liter |
| USEPA | United States Environmental Protection Agency |
| VC | Vinyl Chloride |
| VEP | Vacuum Enhanced Pumping |
| VOCs | Volatile Organic Compounds |
| VPGAC | vapor phase granular activated carbon |

# 1 EXECUTIVE SUMMARY

Arcadis of New York, Inc. (Arcadis), on behalf of Ingersoll Rand, has prepared this Annual Site Management Periodic Review Report (PRR) for the former D.C. Rollforms (NYSDEC Site Code 907019) Site (referred to hereafter as the Site) located in Jamestown, Chautauqua County, New York (Figure 1). This PRR covers the reporting period from June 2015 through June 2016, as requested in a letter from NYSDEC dated April 28, 2016.

This PRR summarizes the operational and performance monitoring data generated during 2015-2016 reporting period for the remedial program at the Site. The basis of this report is to satisfy the requirements set forth in the Site Management PRR request and provide the supporting documentation for the Institutional and Engineering Controls Certification (IC/EC) (Appendix A).

A groundwater and soil vapor extraction treatment system (referred to herein as the 'system') was installed at the site in 2008. The system has been operational since, and consists of a vacuum enhanced pumping (VEP) system which recovers and treats site constituents of concern (COCs). The system is operated as documented in the Operation, Maintenance, and Monitoring Plan (OM&M Plan; ARCADIS 2008). The Site Management Plan (SMP) was finalized and approved by NYSDEC in 2009.

Overall, the current remedial program has been effective in achieving the remedial goals at the site by containing and eliminating off site migration of contaminated soils and groundwater. During the 2015-2016 period the system recovered 955,685 gallons of impacted groundwater. Total COC mass removal included 8.2 kg (18 lbs) in the dissolved phase, 0.9 kg (2 lbs) in the vapor phase, and 13 gallons of dense non-aqueous phase liquid (DNAPL). Concentrations in groundwater remained relatively stable with some variability occurring due to seasonal fluctuation.

All of the elements defined in the OM&M and SMP were in compliance during the reporting period. The remedial system was operated continuously during the reporting period, with the exception of noted routine and/or non-routine maintenance activities. No substantial changes were made in regards to site management and remedial system operation during the specified reporting period. However, the frequency for collecting the quarterly groundwater and remedial system performance samples was reduced from quarterly to semi-annual and monthly to quarterly, respectively, as approved by the Department in a letter dated November 9, 2015. Additionally, a reduction in the reporting frequency from quarterly to semi-annually was also approved by the Department in a letter dated May 23, 2016. It should also be noted that the preferred laboratory, Accutest Laboratories was acquired by SGS, Inc. earlier this year to now form SGS Accutest, Inc. Following the acquisition, an extensive internal review of data associated with the Gas Chromatography-Mass Spectroscopy volatiles analysis was conducted by SGS Accutest, Inc. Following their comprehensive review, some minor changes were made to the data previously reported by Accutest dating back to 2012. Please see Appendix B for the letter, dated April 19, 2016, received by Arcadis regarding the laboratories internal data review.

The site conceptual model is well defined, and is based on soil and groundwater data collected during previous investigations, including the groundwater and remedial system analytical data that have been collected since 2008. Based on the trends in Site COC concentrations in groundwater a pilot-scale in-situ chemical oxidation (ISCO) injection approach is being planned for the Site in order to enhance remediation of the residual groundwater plume at the site. The ISCO pilot study will utilize alkaline

activated sodium persulfate as the oxidant. Persulfate has been selected as the oxidant, because of its applicability to treat the primary groundwater COCs such as chlorinated volatile organic compounds (VOCs) and total petroleum hydrocarbon (TPH). The pilot study will take place in the area near monitoring wells MW-8S, MW-12, and MW-13, and MW-14, which historically have had the highest concentration of VOCs in groundwater. A pilot-study work plan will be provided under separate cover to the Department for their review.

Additionally, Arcadis is recommending the following modifications to the O&M program:

1. The influent vapor phase TPH GRO laboratory analytical results have remained non-detect for the last two years, as such Arcadis recommends that this analyte be eliminated from the sampling program.

2. The vapor extraction systems influent and effluent VOC concentrations since system startup in 2008 have been used to calculate the estimated actual annual impact by following procedures described in the NYSDEC DAR-1 guidance document. Neither the Short-Term Guidance Concentration (SGC) nor Annual Guidance Concentration (AGC) values provided by NYSDEC DAR-1 have ever been exceeded, and have remained below less than one percent of the allowable discharge concentrations. As such, Arcadis recommends that the effluent vapor sampling be eliminated from the program. Influent vapor sampling will however continue to track mass removal rates and the overall performance of the soil vapor extraction system.

3. The influent liquid phase TPH GRO laboratory analytical results have remained non-detect, and/or just above the laboratory detection limit, for the last two years, as such Arcadis is recommends that this analyte be eliminated from the program.

The PRR is organized as follows:

- Section 2 provides a brief overview of the Site location and physical description, nature and extent of contamination, previous remedial enhancements, and description of the VEP system layout and process
- Section 3 discusses the system performance
- Section 4 provides an evaluation of the system performance
- Section 5 summarizes the system O&M
- Section 6 summarizes the system groundwater monitoring results
- Section 7 summarizes the site cover and riverbank inspections
- Section 8 summarizes the IC/EC compliance
- Section 9 provides conclusions by summarizing the system performance and groundwater monitoring results
- Section 10 provides goals and recommendations for the next reporting period

- Section 11 provides a list of references.

# 2 SITE OVERVIEW

## 2.1 Site Location and Description

The Site is located at 583 Allen Street in Jamestown, Chautauqua County, New York (Figure 1). The Site is approximately 2.38 acres in size, and is a vacant parcel. The vacant parcel is owned by All Metal Press and Fabrication, Inc., which acquired the property from the Jamestown Allen Co. in 2016, and is bounded by Allen Street on the east, the Weber Knapp and Jamestown Urban Renewal Agency properties on the south, and the Chadakoin River on the west and northwest. The adjacent north parcel is owned by All Metal Press and Fabrication, Inc. This parcel contains a two-story building and parking lot (Figure 2). The Site is located in a mixed residential and commercial area, which is served by a public water supply and sanitary sewer.

## 2.2 Nature and Extent of Contamination

The following sections describe the historical nature and extent of the contamination onsite identified during previous remedial investigations (RI). A brief summary of chemical constituents previously detected in each medium is provided below.

### 2.2.1 Surface Soil

During the initial RI surface soil samples were collected at fifteen locations throughout the site. Volatile organic compounds (VOCs) were not detected in any of the surface soil samples. Analysis of semi-volatile organic compounds (SVOCs) indicated total SVOC concentrations ranging from 2,768 micrograms per kilogram (µg/kg) (parts per billion, ppb) to 88,961 ppb.

### 2.2.2 Subsurface Soil

During the initial 1991 investigation, eight test pits were excavated and subsurface soil samples were collected from six locations where visual contamination was present. Analytical results indicated contamination of metals above the regulatory guidance (Technical Administrative Guidance Memorandum [TAGM-4046]), at that time, levels for arsenic, cadmium, chromium, copper, mercury, nickel, and zinc. No VOCs were detected in unsaturated sub-surface soil samples. Oil and grease varied from 0.21% to 7.1% while cyanide ranged from non-detect (ND) to 15.4 milligrams per kilogram (mg/kg) (parts per million, ppm).

During the first phase of the remedial investigation, a sub-surface soil sample collected from location GP-13 in the delisted northern parcel indicated metal contamination, primarily due to lead (86,900 ppm). In February 2000, 19 additional test pits were excavated to determine the extent of lead contamination in the northern parcel. Samples collected from the test pits indicate total lead levels ranged from 20 to 33,100 ppm. The results of TCLP lead analysis determined that soils were not a hazardous waste as the TCLP levels for lead were below the regulatory limit of 5 milligrams per liter (mg/L).

Eighteen test pits were excavated in 2000. Total VOCs ranged from 0.024 to 66 ppm as compared to the regulatory cleanup guidance value at the time (TAGM) of 10 ppm. Total VOCs in excess of 10 ppm were identified in TP-11, TP-12, and TP-15. SVOCs concentrations ranged from ND to 79 ppm.

### 2.2.3 Groundwater

Fifteen groundwater monitoring wells and 27 Geoprobe were installed and sampled during the remedial investigation between 1997 and 2000. VOCs including trichloroethene (TCE), dichloroethene (DCE), and vinyl chloride (VC) were reported in several groundwater samples. The highest level of chlorinated solvents was reported in monitoring wells MW-8 S/D and Geoprobe GP-5 located in the former TCE, paint and thinner storage area. At GP-5, concentrations of TCE and DCE were 830,000 ppb and 34,000 ppb, respectively. At MW-8S/D, levels of TCE, DCE, and VC varied from 96 to 920,000 ppb, 7,100 to 18,000 ppb and ND to 1,600 ppb respectively.

Tetrachloroethene (PCE) was also found in MW-8D at a concentration of 1,100 ppb. In October 1999, 5 additional Geoprobe were installed and were sampled during the investigation to determine the extent of total VOCs. Samples collected from these Geoprobe samples indicated elevated levels of VOCs. The highest levels were found in Geoprobe GP-30 with VC, DCE, and TCE ranging 17,000 ppb, 40,000 ppb, and ND respectively.

Total SVOCs, consisting primarily of polycyclic aromatic hydrocarbons (PAHs), were present in most of the groundwater samples. Due to high detection limits, the comparison of individual SVOC contaminant levels to groundwater standards is not, however, feasible. The highest concentrations of PAHs were in Geoprobe GP-5 (60,646 ppb) and in GP-6 (248,600 ppb). The concentrations of SVOCs in the remaining wells varied from ND to 3,649 ppb.

Non-Aqueous Phase Liquid (NAPL) consisting primarily of total petroleum hydrocarbons (TPHs) was observed in ESI-3, ESI-4, and MW-8. The highest concentrations of TPHs were recorded in GP-6 (2,405,930 ppb or 0.24%), ESI-3 (420,671 ppb), and GP-5 (332,600 ppb).

### 2.2.4 Soil Vapor Investigation

Off-site SVI was raised as a concern by the New York State Department of Health (NYSDOH) in a letter dated May 5, 2014, citing the possibility of a preferential pathway for vapor movement via the onsite treatment systems discharge pipeline (pipeline) bedding material. A soil vapor investigation (SVI) was completed in accordance with the Soil Vapor Investigation Work Plan (Arcadis 2014) and the Response to Comments of the Soil Vapor Investigation Work Plan (Arcadis 2014) which were approved by the NYSDEC in an email received August 11, 2015.

In order to determine the possibility of vapor migration via the pipe bedding material, three soil vapor samples were collected within the pipeline corridor as it runs east toward Allen Street. This pipeline runs approximately 190-feet east from the onsite treatment building to the east side of Allen Street, at which point it turns north and runs another 65-feet where it ties into a public sanitary sewer manhole riser (Figure 2). These soil vapor samples were collected at approximately three feet below ground surface (bgs).

Since the NYSDOH vapor intrusion guidance (NYSDOH 2006) does not have soil vapor screening values, data were evaluated through a comparison to soil vapor screening values calculated from typical

background concentrations of VOCs in indoor air using an attenuation factor (AF). An AF of 0.03 was used for the calculation of screening values from indoor air levels which included the NYSDOH Air Guideline Values for methylene chloride, TCE and tetrachloroethene (PCE). Data for the remaining constituents on the TO-15 list were evaluated using 90$^{th}$ percentile background values for both residential and commercial properties found in Appendix C1 and C2, respectively of the NYSDOH Guidance for Evaluating Soil Vapor Intrusion (2006).

The AF of 0.03 was selected from the latest USEPA vapor intrusion guidance document (USEPA 2015) and represents an applicable AF for the movement of constituents from shallow soil vapor to a potential overlying building. The AF was applied to each indoor air screening value as follows:

Soil Vapor Screening Value = Indoor Air Screening Value ÷ AF

Of the three site related chemicals (i.e., cis-1,2-dichloroethene, TCE and vinyl chloride), only TCE was detected in soil vapor. Cis-1,2-dichloroethene and vinyl chloride were not detected in any soil vapor sample. Although TCE was detected in soil vapor samples, all concentrations were below the soil vapor screening values calculated using the NYDOH Air Guideline Value for TCE as a starting point.

Although other non-site related chemicals were detected sporadically in the soil vapor samples, there were no exceedances of any of the screening values calculated for either potential residential or commercial exposure.

Furthermore, multiple lines of evidence were considered to evaluate the concerns raised by the NYSDOH. These lines of evidence indicated that vapor migration at any concentration is not a concern with respect to the public sewer system and residential properties located east of Allen Street.

The multiple lines of evidence included:

1. The absence of chemicals in soil vapor above calculated screening values, as defined above, along the treatment systems discharge pipe bedding material, and
2. The physical impediment of any vapor movement off-site into the public sanitary sewer by the construction of the pipeline.

Considering the data collected west of Allen Street and the physical limitations to vapor migration moving east of Allen Street no further action regarding off-site vapor migration was recommended. This SVI data was compiled and submitted to the NYSDEC and NYSDOH in the *Soil Vapor Investigation Report* (Arcadis 2016).

## 2.3 Summary of Remedial System Components

The approved remedy for the Site was document the NYSDEC approved *100% Remedial Design Work Plan* (ARCADIS, 2006). The final remedy for this Site was documented in the *Engineering Construction Completion Report* (ARCADIS, 2009), which documented the remedial construction activities which were initiated in September 2006 and completed in June 2008. The final remedy implemented for the D.C. Rollforms Site includes the following elements:

- Installation of a steel interlocking sheet-pile wall (i.e., vertical barrier wall) at the top of the riverbank between the Chadakoin River and the Site;

- Vacuum Enhanced Pumping technology utilizing submersible pneumatic pumps, regenerative blower, and 14 recovery wells to remediate VOCs, TPH, and NAPL in groundwater and soil;
- Groundwater extraction and treatment system comprised an oil/water separator, solids filtration units, and air stripping technologies;
- Soil vapor extraction (SVE) and treatment system comprised of a regenerative blower and, heat exchanger, and carbon filtration;
- Excavation of the soil between the vertical barrier wall and Chadakoin River;
- Removal of abandoned Site storm water outfalls;
- Riverbank reconstruction/stabilization and restoration including live plantings;
- Covering and reseeding disturbed areas with 12-inches of clean soil;
- The removal of sediment from the Chadakoin River; and
- Fish habitat construction (e.g., wingwall structure) in the Chadakoin River.

The remedial system layout is shown on the site plan in Figure 2. The groundwater collection system is designed to extract groundwater impacted by NAPL and VOCs consisting primarily of TCE, total DCE, and VC. The extracted groundwater is treated via an oil/water separator (OWS), filtration, and air stripping prior to discharge to the publically owned treatment works (POTW) sanitary sewer under an Industrial Waste Water Discharge permit with the Jamestown Board of Public Utilities (BPU).

## 2.4 Engineering Controls

As part of the remedy, engineering controls implemented and maintained at the D.C. Rollforms Site include:

- Installation of a steel interlocking sheet-pile wall (i.e., vertical barrier wall) at the top of the riverbank between the Chadakoin River and the Site;
- Vacuum Enhanced Pumping technology utilizing submersible pneumatic pumps and a regenerative blower to remediate NAPL and VOCs in groundwater and soil; and
- Groundwater and soil vapor treatment system comprised an oil/water separator, solids filtration units, carbon filtration, and air stripping technologies.

## 2.5 Institutional Controls

Institutional controls have been implemented as part of the Remedial Action. The Declaration of Covenants and Restrictions dated June 2005 by Jamestown Allenco addresses prohibitions on the property. The prohibitions set forth in the declaration are summarized as follows:

- The property is prohibited from ever being used for purposes other than commercial or industrial;
- The use of groundwater underlying the property is prohibited without rendering it safe for drinking water or industrial/commercial purposes; and

- The owner of the property shall continue to not interfere with any institutional and engineering controls the NYSDEC required Ingersoll Rand to put into place and maintain.

The covenants and restrictions run with the land and are binding upon all future owners of the property.

## 2.6 Remedial Action Goals

Goals for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375-1.10.

The overall remedial objective is to meet the site-specific clean-up goals and be protective of human health and the environment. At a minimum, the remedy selected should eliminate or mitigate all significant threats to public health and/or the environment presented by the hazardous waste disposed at the site through the proper application of scientific and engineering principles.

The specific remedial goals selected for this site are the following:

- Eliminate, to the extent practicable, the potential for ingestion of groundwater that does not attain the NYSDOH Drinking Water Standards;
- Eliminate, to the extent practicable, the off-site migration of groundwater that does not attain NYSDEC Class GA Ambient Water Quality Criteria;
- Eliminate, to the extent practicable, the migration of NAPL;
- Eliminate, to the extent practicable, exposures to contaminated soils at levels that present a health concern;
- Eliminate, to the extent practicable, the migration of site contaminants in soils into the surface water, groundwater, and sediments;
- Eliminate, to the extent practicable, exceedances of applicable environmental quality standards related to releases of contaminants to the waters of the state; and
- Eliminate, to the extent practicable, the exposure of fish and wildlife to levels of river sediment contaminants above standards/guidance values.

# 3 REMEDIAL SYSTEM PERFORMANCE SUMMARY

The operational data collected during the monthly inspections of the system operation are summarized in the following sections. Monthly system O&M logs have been provided with the quarterly Remedial Status Reports, and system liquid phase influent and vapor phase sample results have been submitted to NYSDEC's EIMS Administrator in the required EQuIS Electronic Data Deliverable (EDD) format. System liquid phase effluent analytical results have been provided with the Industrial Wastewater Discharge Monitoring Reports submitted on a monthly basis to the Jamestown BPU.

## 3.1 Objectives of Monitoring

During operation of the system, various data were collected and analyzed to evaluate the overall performance and effectiveness of the system. This performance monitoring is intended to achieve the following objectives:

- Evaluate total dissolved and vapor phase VOC and TPH, as well as NAPL recovered during the operational period;
- Evaluate performance of the remedial system;
- Determine if any modifications to the system are required to enhance the system performance; and
- Ultimately determine when remedial milestones or endpoints have been achieved.

The performance monitoring results for 2015 - 2016 reporting period are summarized below.

## 3.2 System Operational Data

The system operational data for 2015 through April 2016 is summarized in Table 1. These data include the average and cumulative recovered groundwater and soil vapor flows, average applied vacuums to the recovery well network, and recovery well statuses.

### 3.2.1 Groundwater Recovery/Extracted Liquid Flowrate

Total extracted groundwater flow readings were collected from the totalizing flowmeter (FQI-700). The average monthly system groundwater extraction flow rates are included in Table 1. A cumulative total of 14,438,505 gallons of groundwater has been recovered by the system from startup (January 2008) through March 2016 (Table 2). The total flow recovered in 2015 through March 2016 was 955,685 gallons, this total flow corresponds to an average recovery rate of approximately 1.8 gallons per minute (gpm).

### 3.2.2 Vapor Recovery/Extracted Vapor Flowrate

The vapor phase extraction system was operational during the 2015 - 2016 period with the exception of isolated shutdowns and/or temporary recovery well configuration changes due to routine O&M activities, as well as non-routine O&M activities discussed in Section 6.1 and 6.2, respectively.

Total (i.e., extracted soil vapor and fresh air dilution) vapor flow rate readings were collected from the flowmeter (FIT-501) located in the vapor treatment system exhaust post the VPGAC vessel ASC-502 (i.e., post-blower/fresh air dilution valve) and ranged from 101 to 402 actual cubic feet per minute (acfm) during the operational months for the vapor phase extraction system during the 2015 - 2016 reporting period (Table 1). These flow ranges correspond to an average recovery rate of approximately 226 acfm over the operational period for the vapor phase extraction system during 2015 - 2016.

### 3.2.3 Applied and Induced Vacuum

The applied vacuum at the system knockout tank generated by regenerative blower B-900 generally ranged from 10 to 36 inches of water column (in.W.C.). The applied vacuum to the VEP wellheads was adjusted based on several factors which included observed vacuum at the wellhead, induced vacuum at select

monitoring points, and seasonal groundwater elevations. The average monthly VEP applied wellhead vacuums are included in Table 1.

Induced vacuum measurements were recorded periodically throughout the reporting period at select monitoring wells.

## 3.3 System Influent Liquid Phase Analytical Results

The liquid phase monthly influent concentrations of TCE, total DCE, VC, TPH GRO/DRO, and PCBs in groundwater are provided in Table 2 and are illustrated graphically on Figure 3. Recovery well statuses during influent liquid phase sampling events have been included in Table 2.

Liquid phase influent concentrations during 2015 - 2016 ranged from 0.7 to 118 micrograms per liter (μg/L) for TCE, 9.4 to 236 μg/L for total DCE, and non-detect to 245 μg/L for VC. Influent concentrations of TPH DRO ranged from 360 μg/L to 32,200 μg/L.

## 3.4 System Effluent Treated Liquid Phase Analytical Results

Pursuant to the effluent standards set by the Jamestown BPU Industrial Wastewater Discharge Permit (Permit No. 037), sampling consists of the monthly collection of four grab samples over an 8-hour period during a typical operational day. These samples are analyzed for VOCs using USEPA Method 624, oil and grease (O&G) using USEPA Method 1664A, total suspended solids (TSS) using USEPA Method 2540D, and PCBs using USEPA Method 608. All samples were submitted to Accutest Laboratories in Marlborough, Massachusetts. Prior to final discharge to local sanitary sewer manhole 3T6, the system effluent sample is collected from sample port SP-702 located post air stripper (AS-700).

During 2015 – 2016 reporting period, the effluent discharge monitoring parameters were non-detect or reported at quantities below the permitted effluent limits. The effluent sample results are provided in Table 3.

## 3.5 System Vapor Influent Sampling & Analytical Results

The influent vapor concentrations of TCE, total DCE, VC, and TPH GRO are presented in Table 4, and are illustrated graphically on Figure 4. The two predominant compounds detected in the influent vapor samples have been TCE and DCE. TCE and total DCE were detected in influent vapor samples with concentrations ranging from ND to 34 microgram per cubic meter (μg/$m^3$) and 20 to 49 μg/$m^3$. Influent VC and influent TPH GRO vapor samples were below the method detection limit for each influent vapor sampling event.

## 3.6 System Vapor Effluent Sampling & Analytical Results

The purpose of the effluent sample collection is to ensure that the permit equivalent standards/guidance values are met as an air permit is not required for the Site. During 2015 – 2016 reporting period, regulatory guidance values were not exceeded. The effluent vapor concentrations of TCE, total DCE, VC, and TPH GRO are presented in Table 4.

# 4 SYSTEM EVALUATION

The following sections summarize the remedial system performance monitoring data from January 1, 2015 through June 2016.

## 4.1 Mass Recovery

The estimated total mass recovered was calculated using the system influent dissolved and vapor phase analytical sampling results with the corresponding extraction flow rates and the NAPL volumes collected.

### 4.1.1 Dissolved Phase

Influent groundwater laboratory analytical data were used to estimate dissolved phase VOC and TPH GRO/DRO mass recovery rates. As shown in Table 5, influent VOC and TPH GRO/DRO levels and groundwater recovery rates were used to calculate the overall mass of VOCs recovered in the dissolved phase. As indicated in Table 5, a total estimated mass of approximately 8.2 kilograms (kg) (18.1 lbs.) of VOCs and TPH GRO/DRO were recovered in the dissolved phase during the reporting period. The breakdown of total mass removed during the reporting period is summarized as follows; TCE, 0.07 kg; total DCE, 0.239 kg; VC, 0.118 kg; and TPH/DRO, 7.75 kg.

As the data presented in Table 5 indicate, total dissolved phase mass recovery rate estimates ranged from 1 to 136 grams per day, which corresponds to an average recovery rate of 28 grams per day. The fluctuation in dissolved phase mass recovery rate is related to variability in influent mass concentrations in the extracted groundwater due to VEP well configurations, extraction rate, and precipitation recharge to the groundwater system. The annual dissolved phase mass recovery of VOCs, TPH [GRO & DRO], and DNAPL are shown on Figure 3.

### 4.1.2 Vapor Phase

Influent vapor sampling results, molecular weights, and total vapor extraction flow rates were utilized to estimate the vapor phase VOC and TPH/GRO mass recovery rate for the reporting period. As the data presented in Table 6 indicate, the vapor phase mass recovery rate ranged from 1 to 3 grams per day during the operational period for the vapor extraction system. As mentioned in the discussion of dissolved phase mass recovery rates, the fluctuation in vapor phase mass recovery rate is related to the VEP well configuration and groundwater elevations. As Table 6 shows, a total estimated mass of 0.93 kg (2 lbs.) of VOCs were removed in the vapor phase during 2015 - 2016, corresponding to an average vapor phase mass recovery rate of 2 grams per day over the entire reporting period. The breakdown of total mass removed during the reporting period is summarized as follows; TCE, 0.479 kg and total DCE, 0.449 kg. As expected, the mass transfer of VOCs from soil to vapor is predominantly limited to desorption and diffusion processes. Therefore, mass removal rates in the vapor phase are declining over time as the Site is remediated. No detectable concentrations of TPH GRO were detected in the system influent, which indicates that the lighter fraction VOCs that were historically present have been remediated from the subsurface. The annual vapor phase mass recovered for VOCs and TPH [GRO] is shown on Figure 4.

### 4.1.3 Non-Aqueous Phase Liquid

During the 2015 - 2016 reporting period, approximately 13 gallons of DNAPL was recovered by the collection and treatment system in the oil/water separator (OWS-200). Since starting the system in January 2008, an estimated cumulative total of 349 gallons of DNAPL have been recovered. A summary of annual DNAPL removal is provided in Table 7.

### 4.1.4 Total Mass Removal Trend

The VEP system has recovered a cumulative total of approximately 395 kg (871 lbs) and 176 kg (389 lbs) of dissolved and vapor phase VOCs, respectively, during the period of operation from startup in 2008 through April 2016 (Table 7). The mass removal rate had fluctuated for the liquid phase mass removed during each year of the operation from 2008 through 2012. However, in 2013 the liquid phase VOC/TPH mass removal rates dropped an order of magnitude and continued to decrease through 2016. This drop in mass removal rates is largely attributable to the decrease in TPH DRO in the system influent water samples. As indicated in previous reports, the rate of recovery is expected to decrease as the mass removal becomes more dependent on desorption and diffusion processes rather advective movement and capture of VOCs.

The mass removal rate for the vapor phase VOC/TPH had generally dropped off after the first year of operation in 2008, and plateaued during each year of the operation from 2009 through 2016. This drop in mass removal rates is most likely attributable to the decrease in TPH GRO in the system influent vapor samples. As indicated in previous reports, the rate of recovery is expected to decrease as the mass removal becomes more dependent on desorption and diffusion processes rather advective movement and capture of VOCs, particularly for any lighter fraction VOCs and GRO compounds.

As presented in Table 7, the dissolved and vapor phase mass recovered during 2015 – 2016 is estimated at 8.2 and 0.9 kg, respectively. Figure 5 also depicts annual mass recovery through April 2016 for both the dissolved and vapor phases, and DNAPL. This corresponds to a combined vapor and dissolved phase mass recovery of 9.1 kg (20 lbs.) during the 2015 - 2016 reporting period.

# 5 SYSTEM OPERATION AND MAINTENANCE

The following sections summarize the remedial system O&M program. The remedial system was operated from January 2015 through June 2016 reporting period with brief periods of shutdown due to scheduled operation and maintenance (O&M), and/or alarm conditions, as well as repairs and non-routine maintenance activities. The most notable system shutdown occurred during the month of July 2015 after the air compressor failed and had to be replaced. Monthly O&M site visits consisted of system inspection, recording of operating parameters, influent and effluent system sampling, and investigation/troubleshooting of any alarm conditions. System alarm verification was performed remotely via desktop software. The O&M data generated during each monthly visit are summarized in quarterly progress reports as required by the Consent Order. O&M related to each of the major system components (collection system, liquid and vapor treatment) are discussed below.

## 5.1 Collection and Treatment System O&M

The following O&M tasks were performed monthly on the remedial system (pneumatic pumps, air compressor, regenerative blower, transfer pump, and related equipment).

### 5.1.1 Liquid Phase Treatment

The following OM&M tasks were performed monthly, quarterly, or as needed, with regards to the liquid phase extraction and treatment portion of the system:

- Inspection of all pipes and fittings for potential leaks;
- Checking air compressor (AC-600) coolant oil level and temperature to assure proper operation;
- Inspection of pneumatic pumps (VEP-1 through VEP-14) for proper operation and repair/cleaning, as needed;
- Inspection and cleaning of air stripper (AS-700) as needed;
- Inspection of flow meter (FQI-700) to assure proper operation;
- Monitor and record the system field gauge readings to determine if the system is operating within the designed operational ranges;
- Check and record pressure readings at inlet and outlet of cartridge filters (CF-400 and 401) to assure proper operation;
- Change-out cartridge filters (CF-400 and 401), as needed;
- Record total volume of groundwater recovered and average recovery flow rates;
- Maintain sequestering agent dosing rate and change-out drum as needed;
- Collect system influent liquid phase samples and submit for laboratory analysis of site-specific COCs. These results are summarized in Section 3.3; and
- Collect system effluent liquid phase samples and submit for laboratory analysis as per the Industrial Wastewater Discharge permit, as set forth by the Jamestown BPU. These results are summarized in Section 3.4.

### 5.1.2 Vapor Phase Treatment

The following OM&M tasks were performed monthly, quarterly, or as needed, with regards to the vapor extraction and treatment portion of the system.

- Inspection of all pipes and fittings for potential leaks;
- Recording of the blower outlet temperature (TI-901 and TI-902);
- Record extracted air flow rate (FIT-501);
- Check and record pressure readings at inlet and outlet of the heat exchanger and vapor phase activated carbon vessels (ASC-501 and ASC-502) to assure proper operation;

- Monitor the regenerative blower (B-900) for proper operation pressures and temperatures;
- Influent vapor samples are collected and submitted for laboratory analysis of site-specific COCs. These results are summarized in Section 3.5; and
- Effluent vapor samples are collected and submitted for laboratory analysis in order to monitor the system VOC emissions. These results are summarized in Section 3.6.

### 5.1.3 Recovery Well Inspections

The following O&M tasks were performed quarterly or as needed with regards to the system recovery wells.

- Record applied vacuum readings at individual VEP wells;
- Observe pump operation (pump cycle-counter readings) at each recovery well and record cycle-counter total; and
- Recovery well integrity surveys are conducted to observe the surface conditions around each well, the condition of the concrete surface seal and presence of a secure bolt down road box.

### 5.1.4 Performance Monitoring Well Monitoring

- Record induced vacuum readings at select monitoring wells; and
- Record DTW/drawdown at site monitoring wells.

### 5.1.5 Recordkeeping and Reporting

Monitoring data were recorded on OM&M checklists and submitted as part of the progress reports to the NYSDEC. As noted, influent and effluent liquid and vapor samples were submitted monthly for laboratory analysis. The analytical results are used to evaluate system performance and to estimate the contaminant mass removal.

## 5.2 Non-Routine O&M

During the 2015 - 2016 reporting period, the following system non-routine O&M activities were performed:

- Several non-fatal low flow alarms were received for the sequestering agent dosing pump. Each of these alarms were cleared by re-priming the dosing pump and/or by changing out the sequestering agent drum;
- On January 29, 2015, a high water level alarm was detected upon arrival for the SVE knockout tank which caused the SVE blower to shut down. The knockout tank and SVE header pipe were drained, and the SVE system was restarted;
- On March 23, 2015, Nature's Way Environmental was onsite to clean the air stripper unit;

- On March 24, 2015, Ingersoll Rand air compressor technician onsite to follow up the routine inspection with parts that were not readily available during the January visit. During the maintenance, it was discovered that the drive belt was worn and will require to be replaced prior to the next routine inspection;
- On May 5, 2015 Nature's Way conducted transportation and disposal of spent liquid phase cartridge filters and recovered DNAPL. All waste was disposed of at CWM Chemical Services Model City location. Copies of the waste manifests have been provided in Appendix C;
- On May 21, 2015, Nature's Way installed a new float in the SVE KOT. The high float was no longer functioning on the original float configuration. An external float system within a clear sight tube was installed;
- Performed non-routine air compressor maintenance on May 21, 2015. Maintenance activities included repositioning the pulley, reinstalling the pulley, and aligning the belt by the local Ingersoll Rand service center;
- Performed non-routine air compressor maintenance on June 15, 2015. Maintenance activities included diagnosing the down air compressor and determining that the weld had broken on the compressor coolant fan. A new compressor coolant fan was ordered by the local Ingersoll Rand service center;
- Performed non-routine air compressor maintenance on June 17, 2015. While installing the new compressor coolant fan, it was deemed the air end component was no longer functional. Upon an evaluation, a new air compressor was ordered to replace the existing one;
- Decommissioned existing air compressor in preparation of installing the new air compressor on July 2, 2015;
- On July 16, 2015 the new air compressor was delivered and installed onsite. Arcadis and Ahlstrom Schaeffer onsite to install electrical components;
- July 27-28, 2015 the air compressor pressure transmitter and motor controls were replaced;
- On July 30, 2015, Ahlstrom Schaffer onsite to repair the ceiling vent in the equipment room; and
- On May 12 and13, 2016, Environmental Products and Services of Vermont was onsite to clean the system effluent pipeline, transfer pump TP-700, and oil water separator. The forcemain for VEP-6 was also cleaned due to excessive iron fouling.

No system process modifications were made during the reporting period.

# 6 GROUNDWATER MONITORING

Groundwater monitoring activities were conducted on March 2015, May 2015, August 2015, and May 2016. Groundwater monitoring consisted of the collection of groundwater samples from monitoring wells and the measurement of water levels in monitoring wells to evaluate the hydraulic influence of the system.

Sampling included the following thirteen (13) monitoring wells during 2014 to evaluate VOC concentration trends during remediation.

Monitoring Wells:

- MW-12 and MW-13 (adjacent to VEP-2)
- MW-10R (adjacent to VEP-12)
- MW-14 (adjacent to VEP-1 and VEP-2)
- OW-6 (adjacent to VEP-3 and VEP-4)
- MW-8S, (adjacent to VEP-2)
- MW-9 (adjacent to VEP-13)
- ESI-1 (adjacent to VEP-8)
- ESI-2 (adjacent to VEP-6)
- ESI-4R (adjacent to VEP-14)
- ESI-6 (adjacent to VEP-1)
- ESI-7 (adjacent to VEP-5)
- OW-5 (adjacent to VEP-3 and VEP-4)

Collection of groundwater samples was performed in accordance with the Field Sampling Plan and consisted of purging three volumes of water from each well or purging until the well was dry. Samples were then collected using low flow sampling techniques where feasible, and select wells were sampled using disposable bailers due to lack of water. It should be noted that all groundwater sampling was conducted with the VEP system offline (i.e., static conditions). All samples were submitted to Accutest Laboratories in Marlborough, Massachusetts for analysis of VOCs using USEPA Method 8260. Groundwater analytical results are discussed in Section 7.2.2.

## 6.1 Well Inspections

Recovery well and monitoring well integrity surveys are conducted quarterly to observe the surface conditions around each well, the condition of the concrete surface seal and presence of a secure locking cap and/or bolt down road box. Periodically, the depth to bottom in all the wells is measured and compared to the original constructed well depth.

## 6.2 Groundwater Monitoring Results

The results of the groundwater monitoring program during 2015 - 2016 are summarized in the following sections. The groundwater monitoring program was performed in accordance with the Groundwater Collection and Treatment System OM&M Plan (ARCADIS 2008) unless otherwise noted. Groundwater sampling was conducted with the system temporarily taken offline.

### 6.2.1 Groundwater Elevation Data

Water level data collected from the Site monitoring wells for 2015 - 2016 are summarized in Table 8. The groundwater elevations reflect the position of the water table within the fill material layer at the Site under pumping conditions for each sampling event in March, May, and August 2015, and May 2016. Overall, the water level data indicated that the system influences water levels in the vicinity of the VEP recovery wells, with drawdown typically in the range consistent with design estimates of 1 to 5 feet in adjacent monitoring wells.

### 6.2.2 Laboratory Analytical Results

During the 2015 - 2016 reporting period, groundwater samples were collected from thirteen (13) monitoring wells to monitor groundwater quality and evaluate the performance of the system. A summary of the groundwater monitoring analytical results, along with historical data, is shown in Table 9. Historical TCE, DCE (total), and VC concentration trends in groundwater for monitoring wells are depicted on Figures 6A, 6B, and 6C.

The following selected observations were made with respect to the groundwater analytical data:

- Consistent with the historical results for the Site, the primary VOCs detected in groundwater are TCE, total DCE and VC, with the majority of the VOC mass within the southern end of the Site near recovery wells VEP-1 and VEP-2.
- TCE, DCE, and VC concentrations at monitoring wells MW-8S and MW-12 continue to fluctuate within ranges established since the recovery system startup in 2008.
- DCE and VC concentrations at monitoring well MW-13 continue to fluctuate within ranges established since the recovery system startup, with the exception of August 2015 in which both the cis-DCE and VC concentrations were observed at historical high concentrations. However, those concentrations returned back normal season levels in the spring 2016 sampling event. The noted increase in the August 2015 sample was most likely attributable to the record low groundwater elevation at the time of sampling, and the fact that the groundwater recovery system was offline for the majority of July 2015 due to a faulty air compressor.
- DCE and VC concentrations at monitoring well MW-14 continue to remain approximately an order of magnitude less than before the system startup in 2008.
- TCE concentrations at monitoring well OW-5 continue to remain below NYSDEC Class GA groundwater standards. DCE and VC concentrations continue to indicate an overall downward trend over the past six years.
- TCE, DCE, and VC concentrations at monitoring well OW-6 continue to fluctuate within ranges established since the recovery system startup in 2008. These fluctuations are most likely attributable to recovery well operation and seasonal groundwater levels.
- VOC concentrations at replacement wells ESI-4R and MW-10R are indicating a downward trend over the past three years as compared to the baseline ranges established since installation in 2010.

- Concentrations of TCE, total DCE and VC at monitoring well ESI-1 and ESI-2 which are located adjacent to the Chadakoin River and upgradient from the vertical barrier wall, continues to remain below the laboratory detection limits and the NYSDEC Class GA groundwater standards since starting up the remedial system.
- The spring 2016 groundwater sampling event showed TCE and DCE concentrations at well ESI-7 increased above the NYSDEC Class GA groundwater standards. The noted increase in concentration was most likely attributable to the fact that the groundwater recovery system was offline for the majority of July 2015 due to a faulty air compressor, which allowed for the dissolved phase portion of the plume to migrate downgradient from the source area near monitoring wells MW-8S and MW-13.
- Consistent with the historical Site results since the startup of the remedial system, TCE, total DCE, and VC have remained below the NYSDEC Class GA groundwater standards in monitoring well MW-9, which is located at the northwest (downgradient) corner of the Site near the Chadakoin River.
- Consistent with the historical Site results since the startup of the remedial system, TCE, total DCE, and VC remain below the NYSDEC Class GA groundwater standards in monitoring well ESI-6, which is located at the southeast (upgradient) corner of the Site.

# 7 RIVERBANK AND COVER SYSTEM INSPECTIONS

As outlined in the SMP, the following remedial design elements were constructed at the Site.

- 12 inches of clean soil cover/grass seed in areas disturbed during construction;
- Riverbank reconstruction including stabilization/erosion controls;
- Wingwall structure; and
- Riverbank plantings.

Each of these areas is inspected on an annual basis by the Engineer of Record in order to certify that the engineering controls are in place and functioning as designed.

The cover system, riverbank, and wingwall structure were inspected for erosion, sloughing, settlement or other indication of loss of integrity. The riverbank plantings were observed for any signs of distress or lack of growth.

During the 2015 - 2016 reporting period the Site cover material and riverbank were inspected on quarterly basis and recorded on inspection checklists which have been provided as Appendix D.

### 7.1.1 Site Cover

No erosion of the Site cover was observed during the reporting period. The vegetation growth across the Site was observed to be in good condition.

### 7.1.2 Riverbank Inspections

The riverbank plantings were inspected quarterly and during the course of the 2015 - 2016 reporting period the plants continue to indicate growth and the previous measures taken to deter wildlife have

appeared to be successful. Based on the site inspections and observations the rip-rap stone and wingwall deflector appeared to be in place, and functional.

# 8 INSTITUTIONAL AND ENGINEERING CONTROLS COMPLIANCE

As part of the annual certification under the Site Management and OM&M Plans the Site engineering controls have been maintained and remain in place functioning as designed with the exception of noted shutdowns due to non-routine system maintenance. The engineering controls include the following:

- Soil cover and vegetative growth across the Site,
- Riverbank and stabilization erosion controls,
- Wingwall deflector,
- Vertical hydraulic barrier wall,
- Groundwater recovery and soil vapor extraction via VEP (i.e., recovery) wells, and
- Remedial system operation and maintenance.

No changes in site use were observed during the reporting period, as per the SMP, which includes land and groundwater use restrictions. A copy of the signed Institutional and Engineering Controls Certification Forms have been included as Appendix A.

# 9 CONCLUSIONS

The following sections summarize the conclusion of the system operation and groundwater data during the 2015 - 2016 reporting period.

## 9.1 System Performance Summary

Data from the 2015 - 2016 reporting period indicate that the VEP system has been effective at recovering dissolved and vapor phase VOC mass and NAPL from the subsurface at the Site.

The performance effectiveness of the remedial system is summarized through the following metrics:

- Sustained average groundwater extraction rate of 1.8 gpm from the VEP well network;
- Averaged a soil vapor extraction rate of 226 acfm from the VEP well network. It should be noted that this extracting rate includes fresh air dilution (i.e., makeup air);
- The groundwater elevation data indicate that the VEP well network is effective at dewatering the fill material in the vicinity of the recover wells thus making more adsorbed phase mass available via vacuum extraction through in-situ stripping and bio-venting processes;
- As indicated by the ND, or near detection limits, extraction soil vapor concertinos, the induced lateral air flows in the sub-surface have remediated the VOCs and lighter fraction petroleum compounds (e.g., TPH GRO). Additionally, the induced air flows in the subsurface are enhancing aerobic

microbial degradation (i.e., bioventing) of the remaining residual compounds that are remaining in the subsurface soil and smear zone.

- Approximately 13 gallons of DNAPL were recovered by the remedial system;
- An estimated total mass of 8.2 kg and 0.9 kg were recovered in the dissolved and vapor phase in 2015 – 2016, respectively. Since system startup in January 2008 an estimated cumulative total mass of 395 kg and 176 kg have been recovered in the dissolved and vapor phases, respectively.

## 9.2 Groundwater Data Summary

The analytical results continue to show improvement in groundwater quality in several of the monitoring wells. VOC concentrations continue to remain below the NYSDEC Class GA groundwater standards in the up- and down-gradient monitoring wells. The following highlights the groundwater analytical data for specific monitoring wells at the site:

- VOC concentrations in monitoring wells ESI-1, ESI-2, ESI-6, and MW-9 continue to remain below NYSDEC Class GA Groundwater Standards.
- Groundwater quality changes in the area of monitoring wells MW-8S, MW-12, and MW-14 continue to fluctuate in response to the operation of the remedial system and season changes in groundwater elevation.
- Groundwater quality changes in the area of monitoring wells MW-13 and ESI-7 indicated increases in VOC concentrations, most likely attributable to the historical low groundwater elevation conditions and the temporary system shut down for major process equipment repairs/replacement.

# 10 2016-2017 GOALS AND RECOMMENDATIONS

The information presented in this section indicates that the system will continue to operate as designed and outlined within the NYSDEC approved Groundwater Collection and Treatment System Operational, Maintenance, and Monitoring Plan (ARCADIS 2008), with the exceptions noted above in regards to the approved modifications to reduce the sampling and reporting frequencies. The recommendations and action items planned for during the 2016 - 2017 reporting period are described in the sections below.

## 10.1 Goals

System operation goals and performance monitoring will continue to focus on optimizing mass removal rates through the operation of VEP well network, evaluating individual recovery well mass removal rates, and continued operation and maintenance of the remedial system process equipment and components.

The goals for system operational activities during 2016/17, as well as activities already conducted in the first several months of 2016, are as follows:

- Conduct water level measurements at all monitoring wells to monitor hydraulic influence of the system.

- Collect groundwater samples on a semi-annual basis from monitoring wells ESI-1, ESI-2, ESI-4R, ESI- 6, ESI-7, MW-8S, MW-9, MW-10R, MW-12, MW-13, MW-14, OW-5 and OW-6.
- Continue to monitor the treatment system for mass removal efficiency and VOC breakthrough based on field screening and/or laboratory analysis of samples collected from the system influent and effluent sample points.
- Collect system effluent samples as required by the Jamestown BPU Industrial Wastewater Discharge Permit.
- Continue NAPL recovery efforts.
- Continue to collect influent system samples to track mass removal in the vapor and liquid phases.
- Perform O&M activities (e.g., liquid phase cartridge filter change-outs, pneumatic pump cleaning as needed, sequestering agent drum replacement, air stripper cleaning, and air compressor/blower maintenance per OM&M plan).
- Monitor operation of the system and adjusted vacuum and pumping rates to recovery wells, as necessary, to optimize groundwater and vapor extraction rates.

## 10.2 Recommendations

As noted above in the executive summary section, Arcadis is evaluating ISCO technology to enhance the current remedial program at the site, as well as some modifications to the current system sampling program. The following recommendations and action items are planned for implementation during 2016 following the Departments approval:

- The influent vapor phase TPH GRO laboratory analytical results have remained non-detect for the last two years, as such it is recommended that this analyte be eliminated from the sampling program.
- The vapor extraction systems influent and effluent VOC concentrations since system startup in 2008 have been used to calculate the estimated actual annual impact by following procedures described in the NYSDEC DAR-1 guidance document. Neither the Short-Term Guidance Concentration (SGC) nor Annual Guidance Concentration (AGC) values provided by NYSDEC DAR-1 have ever been exceeded, and have remained below less than one percent of the allowable discharge concentrations. As such, it is recommended that the effluent sampling be eliminated from the sampling program. Influent vapor sampling will however continue to track mass removal rates and the overall performance of the soil vapor extraction system.
- The influent liquid phase TPH GRO laboratory analytical results have remained non-detect, or just above the laboratory detection limit, for the last two years, as such it is recommended that this analyte be eliminated from the sampling program.

As discussed in the executive summary, an ISCO pilot study is being planned in order to address the dissolved phase VOC plume in the area near monitoring wells MW-8S, MW-12, and MW-13, and MW-14, which historically have had the highest concentration of dissolved phase VOCs in groundwater. A pilot-study work plan will be provided under separate cover to the Department for their review and comment.

# 11 REFERENCES

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# TABLES

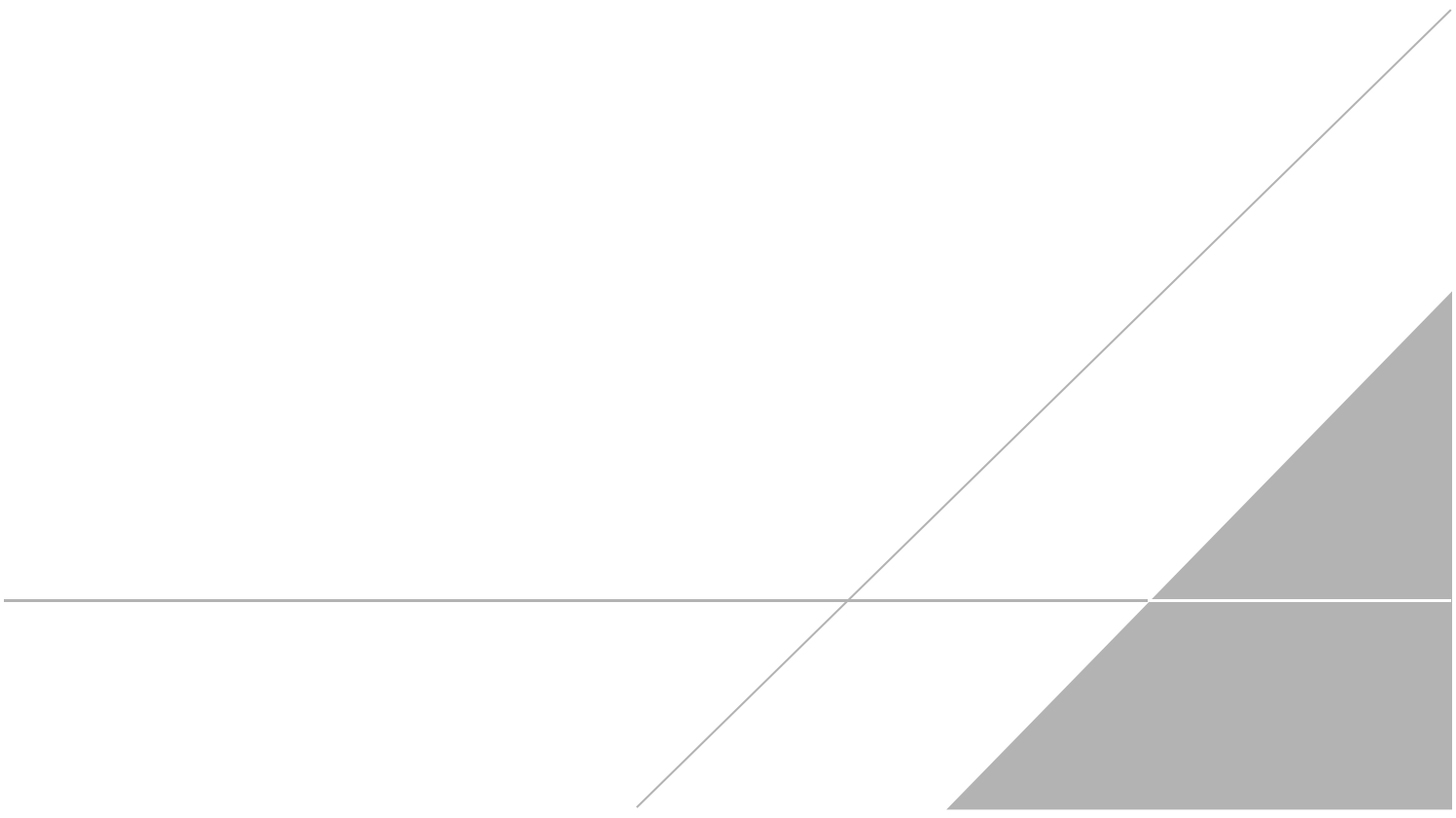


**Table 1.**
**System Operational Data, 2015-2016**
**DC Rollforms Site**
**Jamestown, New York**

| System Parameters | | | Date | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1/29/15 | 2/18/15 | 3/25/15 | 4/22/15 | 5/14/15 | 7/30/15 | 8/25/15 | 9/30/15 | 10/23/15 | 11/20/15 | 12/15/15 | 3/2/16 | 4/22/16 |
| SVE Blower Applied Vacuum (in. W.C.) | | | 10 | 12 | 10 | 16 | 14 | 24 | 26 | 26 | 28 | 25 | 36 | 28 | 26 |
| Vapor Extraction Flowrate (acfm) | | | 402 | 382 | 283 | 296 | 278 | 144 | 125 | 121 | 125 | 305 | 101 | 180 | 150 |
| Cumulative Groundwater Recovered and Treated | | | 13,552,100 | 13,585,780 | 13,695,610 | 13,784,880 | 13,819,070 | 13,833,430 | 13,889,220 | 13,927,020 | 13,960,865 | 14,029,595 | 14,089,675 | 14,438,505 | 14,680,795 |
| Monthly System Flow (gallons) | | | 69,280 | 33,680 | 109,830 | 89,270 | 34,190 | 14,360 | 55,790 | 37,800 | 33,845 | 68,730 | 60,080 | 129,780 | 242,290 |
| Monthly System Influent (gpm) | | | 1.1 | 1.2 | 2.2 | 1.8 | 1.1 | 0.1 | 1.4 | 0.9 | 1.0 | 1.7 | 1.7 | 3.8 | 3.3 |
| **Recovery Well Statuses[1]** | | | | | | | | | | | | | | | |
| Vacuum Enhanced Pumping (VEP) Wells | **VEP-1** | Liquid Phase On (Y/N) | N | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-2** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-3** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-4** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-5** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-6** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N |
| | **VEP-7** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-8** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-9** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-10** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-11** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-12** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-13** | Liquid Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | N | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | **VEP-14** | Liquid Phase On (Y/N) | N | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y |
| | | Vapor Phase On (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

**Notes:**

1. Recovery wells for which total fluids pneumatic pumps were online but observed to be in need of routine cleaning and/or repairs and therefore not recovering groundwater are considered to have liquid phases on in this table. Recovery well statuses do not necessarily reflect the recovery well configuration for the corresponding monthly influent sampling events.

**Definitions:**

acfm - actual cubic feet per minute
gpm - gallons per minute
in.W.C. - Inches of Water Column
N - No
Y - Yes
SVE - Soil Vapor Extraction
VEP - Vacuum Enhanced Pumping

**Table 2.**
**TCE, DCE (total), VC, and TPH in System Influent Water Samples, 2015-2016**
**DC Rollforms Site**
**Jamestown, New York**

| Date | VOCs (µg/L)[1] | | | | VEP Wells Online During Monthly System Influent Sampling Event |
|---|---|---|---|---|---|
| | TCE | DCE (total)[2] | VC | DRO (µg/L) | |
| 1/29/15 | 33.5 | 185.1 | 103 | 1,190 | VEP-1 through VEP-14 |
| 2/18/15 | 8.3 | 86.5 | 64.7 | 651 | VEP-1 through VEP-14 |
| 3/25/15 | 118 | 236.8 | 56.6 | 1,130 | VEP-1 through VEP-14 |
| 4/22/15 | 53.3 | 243.9 | 94.7 | 719 | VEP-1 through VEP-14 |
| 5/14/15 | 6.1 | 120 | 245 | 1,470 | VEP-1 through VEP-14 |
| 7/30/15 | 1.8 | 44.2 | <1.0 | 1,100 | VEP-1 through VEP-14 (excluding VEP-5 through VEP-8) |
| 8/25/15 | 4.9 | 54 | 22.1 | 32,200 | VEP-1 through VEP-14 |
| 9/30/15 | 1.8 | 9.4 | 4.1 | 4,630 | VEP-1 through VEP-14 |
| 10/23/15 | 0.66 | 13.3 | 13.4 | 14,800 | VEP-1 through VEP-14 |
| 3/2/16 | 32.8 | 44.4 | 39.1 | 1,300 | VEP-1 through VEP-5, and VEP-7 through VEP-14 |

**Notes:**
[GRO] and TPH[DRO] using US EPA Method 8015 B. Samples analyzed for PCB using
US EPA Method 608.
2. DCE (total) includes the sum of 1,1-Dichloroethene, cis-1,2-Dichloroethene, and trans-1,2-Dichloroethene.
3. Reduced the monthly system sampling to quarterly in November 2015.

**Definitions:**
D - Identifies an analysis that used a secondary dilution factor
DCE - Dichloroethene
DRO - Diesel Range Organics
E - Sample concentration exceeded calibration range
GRO - Gasoline Range Organics
mg/L - milligrams per liter
ND - Non-Detect
NS - Not Sampled for
PCB - Polychlorinated Biphenyls
TCE - Trichloroethene
TPH - Total Petroleum Hydrocarbons
µg/L - micrograms per liter
VC - Vinyl Chloride
VOCs - Volatile Organic Compounds

**Table 3.**
**TCE, DCE (total), VC, PCBs, TSS, Oil Grease and pH in System Effluent Water Samples, 2015-2016**
**DC Rollforms Site**
**Jamestown, NY**

| Date | Analyte[1] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | VOCs | | | PCB (µg/L) | TSS (mg/L) | Oil & Grease (mg/L) | | pH (s.u.) | |
| | TCE (µg/L) | DCE (total)[2] (µg/L) | VC (µg/L) | | | | | | |
| | Local Discharge Limit | | | | | | | | |
| | 2,130 µg/L (Total VOCs) | | | ND | 350 | 100 | | 5.5 - 10 | |
| 1/29/2015 | < 1.0 | 7.0 | < 1.0 | < 0.00026 | 13.0 | < 4.1 | < 4.1 | NS | NS |
| | | | | | | < 4.1 | < 4.1 | NS | NS |
| 2/18/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00026 | < 4.0 | < 4.1 | < 4.1 | 7.5 | 7.5 |
| | | | | | | < 4.1 | < 4.1 | 7.5 | 7.5 |
| 3/25/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00026 | < 4.0 | < 4.2 | < 4.1 | 7.9 | 7.9 |
| | | | | | | < 4.1 | < 4.1 | 7.9 | 8.0 |
| 4/22/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00027 | < 4.0 | < 4.1 | < 4.1 | 8.2 | 8.2 |
| | | | | | | < 4.1 | < 4.1 | 8.1 | 8.1 |
| 5/14/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00028 | < 4.0 | < 4.1 | < 4.1 | 8.1 | 8.2 |
| | | | | | | < 4.1 | < 4.1 | 8.2 | 8.1 |
| 7/30/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00025 | < 4.0 | < 4.1 | < 4.1 | 8.0 | 8.1 |
| | | | | | | < 4.1 | < 4.1 | 8.1 | 8.1 |
| 8/25/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00026 | 10.6 | < 4.1 | < 4.1 | 8.3 | 8.2 |
| | | | | | | < 4.1 | < 4.1 | 8.1 | 8.2 |
| 9/30/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00026 | 7.0 | < 4.1 | < 4.1 | 8.5 | 8.3 |
| | | | | | | < 4.1 | < 4.1 | 8.5 | 8.4 |
| 10/23/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00028 | < 4.0 | < 4.1 | 1.7 B | 8.2 | 8.3 |
| | | | | | | < 4.1 | < 4.1 | 8.2 | 8.2 |
| 11/20/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00026 | 2.5 B | < 4.1 | < 4.1 | 7.5 | 7.8 |
| | | | | | | < 4.1 | < 4.1 | 7.9 | 8.1 |
| 12/15/2015 | < 1.0 | < 5.0 | < 1.0 | < 0.00026 | 8 | < 4.1 | < 4.1 | 8.0 | 7.9 |
| | | | | | | 5.0 B | 2.3 B | 7.9 | 7.9 |
| 1/14/2016 | < 1.0 | 0.7 | < 1.0 | < 0.00026 | 21.5 | <5.1 | < 5.0 | 7.3 | 7.8 |
| | | | | | | < 5.0 | < 5.1 | 8.0 | 7.9 |
| 2/8/2016 | 0.6 | 3.8 | < 1.0 | < 0.00026 | 20.5 | < 5.0 | < 5.0 | 8.1 | 8.0 |
| | | | | | | < 5.0 | < 5.0 | 8.4 | 8.3 |
| 3/2/2016 | < 1.0 | < 5.0 | < 1.0 | < 0.00025 | 19.0 | <5.1 | 1.9 B | 8.1 | 8.2 |
| | | | | | | < 5.1 | < 5.1 | 8.2 | 8.3 |
| 4/22/2016 | < 1.0 | < 5.0 | < 1.0 | < 0.00026 | 11.6 | < 5.0 | < 5.0 | 8.5 | 8.5 |
| | | | | | | 2.4 B | < 5.0 | 8.5 | 8.5 |

**Notes:**

1. System effluent water samples collected via sample port SP-702 located after the air stripper. Samples analyzed for TCE, DCE (total), VC, PCB, and TSS consisted of four effluent samples collected during a typical operating day that were composited at the laboratory. Samples analyzed for Oil & Grease and pH were not composited. Samples analyzed for TCE, DCE (total), and VC using US EPA Method 624. Samples analyzed for PCB using US EPA Method 608. Samples analyzed for TSS using US EPA Method 160.2. Samples analyzed for Oil & Grease using US EPA Method 1664. pH measured in field.

2. DCE (total) includes the sum of 1,1-Dichloroethene, cis-1,2-Dichloroethene, and trans-1,2-Dichloroethene.

**Definitions:**

"--" - Indicates data not available
DCE - Dichloroethene
mg/L - milligrams per liter
ND - Non-detect
B - indicates a results > = MDL but < RL
J - Indicates an estimated value
PCB - Polychlorinated Biphenyls
s.u. - standard units
TCE - Trichloroethene
TSS - Total Suspended Solids
µg/L - micrograms per liter
VC - Vinyl Chloride

**Table 4.**
**TCE, DCE (total), VC and TPH in System Influent and Effluent Vapor Samples, 2015-2016**
**DC Rollforms Site**
**Jamestown, New York**

| Date | Sample Location | TCE | | DCE (total)[2] | | VC | | TPH [GRO] | | VEP Wells Online During Monthly System Influent Sampling Event |
|---|---|---|---|---|---|---|---|---|---|---|
| | | ppbv | µg/m$^3$ | ppbv | µg/m$^3$ | ppbv | µg/m$^3$ | ppbv | µg/m$^3$ | |
| 1/29/2015 | Influent | 22 | 118 | < 20 | < 79 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-14 |
| | Effluent | < 10 | < 53.7 | < 20 | < 79 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 2/18/2015 | Influent | 20 | 107 | < 20 | < 79 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-14 |
| | Effluent | < 10 | < 53.7 | 33 | 131 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 3/25/2015 | Influent | 29 | 156 | < 20 | <79 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-14 |
| | Effluent | < 10 | < 53.7 | 58 | 230 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 4/22/2015 | Influent | 18 | 97 | < 20 | < 79 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-14 |
| | Effluent | < 10 | < 53.7 | 66 | 261 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 5/14/2015 | Influent | 16 | 86 | < 20 | < 79 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-14 |
| | Effluent | < 10 | < 53.7 | 36 | 143 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 7/30/2015 | Influent | 28 | 150 | 40 | 158 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-4, and VEP-9 through VEP-14 |
| | Effluent | < 10 | < 53.7 | 140 | 751.8 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 8/25/2015 | Influent | 26 | 140 | 39 | 155 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-14 |
| | Effluent | < 10 | < 53.7 | 93 | 368 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 9/30/2015 | Influent | 29 | 156 | 31 | 123 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-14 |
| | Effluent | < 10 | < 53.7 | 31 | 123 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 10/23/2015 | Influent | 34 | 183 | 48 | 190 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-14 |
| | Effluent | < 10 | < 53.7 | 67 | 265 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 3/2/2016 | Influent | < 10 | < 53.7 | < 20 | < 79 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-5, and VEP-7 through VEP-14 |
| | Effluent | < 10 | < 53.7 | < 20 | < 79 | < 1,000 | <2,598 | < 700 | < 1,280 | |
| 4/22/2016 | Influent | 34 | 183 | 30 | 119 | < 1,000 | < 2,598 | < 700 | < 1,280 | VEP-1 through VEP-5, and VEP-7 through VEP-14 |
| | Effluent | 16 | 86 | 57 | 226 | < 1,000 | <2,598 | < 700 | < 1,280 | |

**Notes:**

1. Influent vapor sample collected via sample port SP-900 located before the liquid knockout tank. Effluent vapor sample collected via sample port SP-503 located after VPGAC vessel ASC-502. Samples analyzed using Microseeps, Inc. Method AM 4.02.
2. DCE (total) includes the sum of 1,1-Dichloroethene, cis-1,2-Dichloroethene, and trans-1,2-Dichloroethene.

**Definitions:**

DCE - Dichloroethene
GRO - Gasoline Range Organics
J - Indicates an estimated value
ND - Non-detect
NS - Not Sampled
ppbv - parts per billion by volume
SVE - Soil Vapor Extraction
TCE - Trichloroethene
TPH - Total Petroleum Hydrocarbons
µg/m$^3$ - micrograms per cubic meter
VC - Vinyl Chloride

**Table 5.**
**Cumulative Dissolved Phase VOC and TPH Mass Recovery, 2015-2016**
**DC Rollforms Site**
**Jamestown, New York**

| Date | VOC and TPH [GRO & DRO] Mass Removed | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Influent VOC and TPH [GRO & DRO] Concentrations | | | | Total[1] Cumulative Flow (gallons) | Total Flow Per Reporting Period (L) | Estimated Mass Removed Per[3] Reporting Period (kg) | | | | Estimated Cumulative Mass Removed (kg) | | | | Estimated 2015-2016 Cumulative Mass Removal (kg) | Cumulative Days Operating | Estimated Mass Removal Rate Per Reporting Period (kg/day) |
| | TCE (µg/L) | DCE[2] (total) (µg/L) | VC (µg/L) | TPH [DRO] (mg/L) | | | TCE | DCE[2] (total) | VC | TPH [DRO] | TCE | DCE[2] (total) | VC | TPH [DRO] | | | |
| 12/18/14 | 10.4 | 45.0 | 13.8 | 3.16 | 13,482,820 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1/29/15 | 33.5 | 185.1 | 103.0 | 1.19 | 13,552,100 | 262,253 | 0.004 | 0.026 | 0.019 | 0.156 | 0.004 | 0.026 | 0.019 | 0.156 | 0.206 | 42 | 0.005 |
| 2/18/15 | 8.3 | 86.5 | 64.7 | 0.65 | 13,585,780 | 127,493 | 0.003 | 0.017 | 0.011 | 0.117 | 0.007 | 0.043 | 0.030 | 0.273 | 0.354 | 62 | 0.007 |
| 3/25/15 | 118.0 | 236.8 | 56.6 | 1.13 | 13,695,610 | 415,752 | 0.026 | 0.067 | 0.025 | 0.370 | 0.033 | 0.110 | 0.055 | 0.644 | 0.843 | 97 | 0.014 |
| 4/22/15 | 53.3 | 244.0 | 94.7 | 0.72 | 13,784,880 | 337,924 | 0.029 | 0.081 | 0.026 | 0.312 | 0.062 | 0.191 | 0.081 | 0.956 | 1.291 | 125 | 0.016 |
| 5/14/15 | 6.1 | 120.0 | 245.0 | 1.47 | 13,819,070 | 129,423 | 0.004 | 0.024 | 0.022 | 0.142 | 0.066 | 0.215 | 0.103 | 1.098 | 1.482 | 147 | 0.009 |
| 7/30/15 | 1.8 | 44.2 | 0.0 | 1.10 | 13,833,430 | 54,358 | 0.000 | 0.004 | 0.007 | 0.070 | 0.066 | 0.219 | 0.110 | 1.168 | 1.563 | 224 | 0.001 |
| 8/25/15 | 4.9 | 53.5 | 22.1 | 32.20 | 13,889,220 | 211,188 | 0.001 | 0.010 | 0.002 | 3.516 | 0.067 | 0.230 | 0.112 | 4.684 | 5.092 | 250 | 0.136 |
| 9/30/15 | 1.8 | 9.4 | 4.1 | 4.63 | 13,927,020 | 143,088 | 0.000 | 0.005 | 0.002 | 2.635 | 0.067 | 0.234 | 0.114 | 7.319 | 7.734 | 286 | 0.073 |
| 10/23/15 | 0.7 | 13.3 | 13.4 | 0.36 | 13,960,865 | 128,117 | 0.000 | 0.001 | 0.001 | 0.320 | 0.068 | 0.236 | 0.115 | 7.638 | 8.056 | 309 | 0.014 |
| 3/2/16 | 32.8 | 44.4 | 39.1 | 1.30 | 14,438,505 | 1,808,063 | 0.002 | 0.004 | 0.003 | 0.106 | 0.070 | 0.239 | 0.118 | 7.745 | 8.172 | 440 | 0.001 |
| Groundwater Recovered 2015 - March 2016 (gal) | | | | | 955,685 | | | | | | Total VOCs Recoved 2015 - April 2016 (kg): | | | | 8.2 | | |
| Average Groundwater Recovery Rate (gpm) | | | | | 1.8 | | | | | | | | | | | | |

**Notes:**

1. Total cumulative flow is estimated based on the system flowmeter FQI-700.
2. DCE (total) is the sum of 1,1-Dichloroethene, cis-1,2-Dichloroethene, and trans-1,2-Dichloroethene.
3. Estimated mass removed per reporting period is calculated from influent mass concentration and volume of groundwater recovered. Influent mass concentrations used for calculations are the average of the concentrations from the previous and current monthly events.

**Definitions:**

DCE - Dichloroethene
DRO - Diesel Range Organics
GRO - Gasoline Range Organics
kg - kilograms
L - Liters
mg/L - milligrams per liter
ND - Non-detect
TCE - Trichloroethene
TPH - Total Petroleum Hydrocarbons
µg/L - micrograms per liter
VC - Vinyl Chloride
VOC - Volatile Organic Compounds
gal - gallons
gpm - gallons per minute

**Table 6.**
**Cumulative Vapor Phase VOC and TPH Mass Recovery, 2015-2016**
**DC Rollforms Site**
**Jamestown, New York**

| Date | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Influent VOC and TPH [GRO] Concentrations (ppmv) | | | | Influent VOC and TPH [GRO][1] Concentrations (µg/m$^3$) | | | | Influent VOC and TPH [GRO] Concentrations (µg/L) | | | | Vapor Extraction Flow Rate (acfm) | Reporting Period | | | Mass of Component Recovered[3] Per Reporting Period (kg) | | | | Cumulative Mass Recovered (kg) | | | | Estimated[2] 2015-2016 Cumulative Mass Recovery (kg) | Cumulative Days Operating | Estimated[2] Mass Recovery Rate Per Reporting Period (kg/day) |
| | TCE | DCE[4] (total) | VC | TPH [GRO] | TCE | DCE[4] (total) | VC | TPH [GRO] | TCE | DCE[4] (total) | VC | TPH[5] [GRO] | | Period Duration (days) | Period Duration (min) | Volume Of[2] Air Treated (L) | TCE | DCE[4] (total) | VC | TPH [GRO] | TCE | DCE[4] (total) | VC | TPH [GRO] | | | |
| 12/18/14 | ND | 0.049 | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1/29/15 | 0.022 | 0.02 | ND | ND | 118.14 | 79.24 | ND | ND | 0.118 | 0.079 | ND | ND | 402 | 42 | 60480 | 688,465,226 | 0.082 | 0.055 | 0.000 | 0.000 | 0.082 | 0.055 | 0.000 | 0.000 | 0.14 | 42 | 0.003 |
| 2/18/15 | 0.02 | 0.02 | ND | ND | 107.4 | 79.24 | ND | ND | 0.108 | 0.079 | ND | ND | 382 | 20 | 28800 | 311,530,107 | 0.035 | 0.025 | 0.000 | 0.000 | 0.117 | 0.079 | 0.000 | 0.000 | 0.20 | 62 | 0.003 |
| 3/25/15 | 0.029 | 0.02 | ND | ND | 155.73 | 79.24 | ND | ND | 0.156 | 0.079 | ND | ND | 283 | 35 | 50400 | 403,888,182 | 0.041 | 0.025 | 0.000 | 0.000 | 0.158 | 0.104 | 0.000 | 0.000 | 0.26 | 97 | 0.002 |
| 4/22/15 | 0.018 | 0.02 | ND | ND | 96.66 | 79.24 | ND | ND | 0.097 | 0.079 | ND | ND | 296 | 28 | 40320 | 337,953,079 | 0.039 | 0.025 | 0.000 | 0.000 | 0.197 | 0.129 | 0.000 | 0.000 | 0.33 | 125 | 0.002 |
| 5/14/15 | 0.016 | 0.02 | ND | ND | 85.92 | 79.24 | ND | ND | 0.086 | 0.079 | ND | ND | 278 | 22 | 31680 | 249,387,190 | 0.029 | 0.025 | 0.000 | 0.000 | 0.226 | 0.153 | 0.000 | 0.000 | 0.38 | 147 | 0.002 |
| 7/30/15 | 0.028 | 0.040 | ND | ND | 150.36 | 634 | ND | ND | 0.151 | 0.158 | ND | ND | 144 | 77 | 110880 | 452,126,417 | 0.037 | 0.072 | 0.000 | 0.000 | 0.263 | 0.225 | 0.000 | 0.000 | 0.49 | 224 | 0.001 |
| 8/25/15 | 0.026 | 0.039 | ND | ND | 392 | 309 | ND | ND | 0.140 | 0.155 | ND | ND | 125 | 26 | 37440 | 132,522,624 | 0.019 | 0.021 | 0.000 | 0.000 | 0.282 | 0.246 | 0.000 | 0.000 | 0.53 | 250 | 0.002 |
| 9/30/15 | 0.029 | 0.031 | ND | ND | 220 | 258 | ND | ND | 0.156 | 0.123 | ND | ND | 121 | 36 | 51840 | 177,621,092 | 0.026 | 0.025 | 0.000 | 0.000 | 0.308 | 0.270 | 0.000 | 0.000 | 0.58 | 286 | 0.001 |
| 10/23/15 | 0.034 | 0.048 | ND | ND | 247 | 198 | ND | ND | 0.183 | 0.190 | ND | ND | 125 | 23 | 33120 | 117,231,552 | 0.020 | 0.018 | 0.000 | 0.000 | 0.328 | 0.289 | 0.000 | 0.000 | 0.62 | 309 | 0.002 |
| 3/2/16 | 0.010 | 0.020 | ND | ND | 53.7 | 79.24 | ND | ND | 0.054 | 0.079 | ND | ND | 180 | 131 | 188640 | 961,502,607 | 0.114 | 0.130 | 0.000 | 0.000 | 0.442 | 0.418 | 0.000 | 0.000 | 0.86 | 440 | 0.002 |
| 4/22/16 | 0.034 | 0.030 | ND | ND | 182.58 | 118.86 | ND | ND | 0.183 | 0.119 | ND | ND | 150 | 51 | 73440 | 311,937,869 | 0.037 | 0.031 | 0.000 | 0.000 | 0.479 | 0.449 | 0.000 | 0.000 | 0.93 | 491 | 0.001 |
| | | | | | | | | | | | | | | | | | 2015- April 2016 Cumulative Mass Recovery Rate (kg) | | | | | | | | **0.93** | | |

**Notes:**

1. Vapor results were converted to mg/m3 and mg/L using Microseeps unit conversion factors, assuming a temperature of 25 C (+ 273.15 K), and gas constant, 0.08206 l*atm/(mol*K).
2. Volumes of air treated are estimated values.
3. Estimated mass recovery rate calculated from monthly influent mass concentration and estimated vapor extraction rate. Influent concentrations used are averages of those from the previous and current monthly events.
4. DCE (total) is the sum of 1,1-Dichloroethene, cis-1,2-Dichloroethene, and trans-1,2-Dichloroethene.
5. Conversion of TPH[GRO] from ppmv to µg/L assumes molecular weight approximately equal to hexane, temperature of 25ºC, and pressure of 1 atmosphere.
6. Laboratory detection limits used for March 2016 sample results for the reporting period average.

**Definitions:**

acfm - actual cubic feet per minute
DCE - Dichloroethene
GRO - Gasoline Range Organics
kg - kilograms
L - Liters
min - minutes
ND - Non-detect
NS - Not Sampled
ppmv - parts per million by volume
TCE - Trichloroethene
TPH - Total petroleum hydrocarbons
µg/L - micrograms per liter
VC - Vinyl Chloride
VOC - Volatile Organic Compounds

**Table 7.**
**Annual and Cumulative Mass Recovery through April 2016**
**DC Rollforms Site**
**Jamestown, New York**

| Year | Estimated Annual Mass Recovery | | |
|---|---|---|---|
| | Dissolved Phase (kg) | Vapor Phase (kg) | DNAPL (gallons) |
| 2008 | 30.4 | 116.2 | 117 |
| 2009 | 90.7 | 27.5 | 135 |
| 2010 | 72.0 | 8.1 | 39 |
| 2011 | 133.2 | 8.8 | 18 |
| 2012 | 39.9 | 9.3 | 12.5 |
| 2013 | 8.6 | 3.4 | 2.5 |
| 2014 | 11.7 | 2.2 | 12.0 |
| 2015 - April 2016 | 8.2 | 0.9 | 13.0 |
| **Total** | **394.6** | **176.4** | **349.0** |

**Notes:**

1. Estimated cumulative mass recovery includes mass recovered since the system was brought online at the beginning of 2008.
2. Total volume of DNAPL recovered is based on volumes removed and containerized from oil/water separator (OWS-200) during the reporting period.
3. Ther vapor phase mass removal value for 2014 was corrected from 1.1 kg to 2.2 kg.

**Definitions:**

DNAPL - Dense Non-Aqueous Phase Liquid
kg - kilograms

**Table 8.**
**Summary of Groundwater Elevation Data**
**DC Rollforms Site**
**Jamestown, New York**

| Well ID | Measuring [1] Point Elevation (ft amsl) | Non-pumping Conditions 3/22/2011 | | Operational Conditions 6/27/2011 | | Non-pumping Conditions 10/19/2011 | | Non-pumping Conditions 12/7/2011 | | Non-pumping Conditions 3/12/2012 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] |
| ESI-1 | 1296.37 | 5.70 | 1290.67 | 12.74 | 1283.63 | 8.08 | 1288.29 | 6.94 | 1289.43 | 8.41 | 1287.96 |
| ESI-2 | 1295.08 | 4.95 | 1290.13 | 12.26 | 1282.82 | 9.85 | 1285.23 | 6.30 | 1288.78 | 11.12 | 1283.96 |
| ESI-3[4] | 1295.75 | 5.08 | 1290.67 | 11.06 | 1284.69 | 7.00 | 1288.75 | 5.55 | 1290.20 | 6.55 | 1289.20 |
| ESI-4R | 1294.96 | 6.42 | 1288.54 | 12.11 | 1282.85 | 9.18 | 1285.78 | 7.91 | 1287.05 | 13.13 | 1281.83 |
| ESI-5 | 1293.08 | 3.52 | 1289.56 | 5.74 | 1287.34 | 5.98 | 1287.10 | 4.58 | 1288.50 | 4.83 | 1288.25 |
| ESI-6 | 1295.24 | 5.35 | 1289.89 | 8.68 | 1286.56 | 7.34 | 1287.90 | 5.38 | 1289.86 | 5.97 | 1289.27 |
| ESI-7 | 1295.12 | 4.95 | 1290.17 | 10.90 | 1284.22 | 9.88 | 1285.24 | 6.35 | 1288.77 | 10.64 | 1284.48 |
| MW-4S | 1295.75 | 6.19 | 1289.56 | 13.01 | 1282.74 | 9.00 | 1286.75 | 7.38 | 1288.37 | 12.28 | 1283.47 |
| MW-7D | 1295.37 | 5.27 | 1290.10 | 10.04 | 1285.33 | 9.09 | 1286.28 | 7.03 | 1288.34 | 9.11 | 1286.26 |
| MW-8S | 1295.21 | 5.33 | 1289.88 | 8.35 | 1286.86 | 7.21 | 1288.00 | 5.94 | 1289.27 | 6.60 | 1288.61 |
| MW-8D | 1295.48 | 5.00 | 1290.48 | 6.16 | 1289.32 | 6.10 | 1289.38 | 5.85 | 1289.63 | 5.99 | 1289.49 |
| MW-9 | 1291.95 | 5.01 | 1286.94 | 6.55 | 1285.40 | 6.30 | 1285.65 | 5.68 | 1286.27 | 6.32 | 1285.63 |
| MW-10R | 1295.11 | 6.52 | 1288.59 | 11.85 | 1283.26 | 8.15 | 1286.96 | 7.27 | 1287.84 | 9.09 | 1286.02 |
| MW-12 | 1294.91 | 4.69 | 1290.22 | 7.85 | 1287.06 | 6.60 | 1288.31 | 5.52 | 1289.39 | 6.12 | 1288.79 |
| MW-13 | 1294.20 | 4.06 | 1290.14 | 7.23 | 1286.97 | 5.94 | 1288.26 | 4.69 | 1289.51 | 5.83 | 1288.37 |
| MW-14 | 1294.59 | 4.58 | 1290.01 | 7.83 | 1286.76 | 6.29 | 1288.30 | 5.33 | 1289.26 | 5.60 | 1288.99 |
| OW-1 | 1292.59 | 5.96 | 1286.63 | 12.66 | 1279.93 | 10.78 | 1281.81 | 7.30 | 1285.29 | 7.90 | 1284.69 |
| OW-2 | 1293.96 | 6.91 | 1287.05 | 14.11 | 1279.85 | 11.65 | 1282.31 | 8.27 | 1285.69 | 13.08 | 1280.88 |
| OW-3 | 1292.01 | 2.50 | 1289.51 | 2.80 | 1289.21 | 5.73 | 1286.28 | 3.83 | 1288.18 | 4.12 | 1287.89 |
| OW-4 | NS | 4.71 | NA | 11.10 | NA | 8.55 | NA | 5.98 | NA | 10.23 | NA |
| OW-5 | 1295.59 | 5.36 | 1290.23 | 12.15 | 1283.44 | 10.10 | 1285.49 | 6.32 | 1289.27 | 11.19 | 1284.40 |
| OW-6 | 1295.67 | 5.53 | 1290.14 | 11.53 | 1284.14 | 10.18 | 1285.49 | 6.81 | 1288.86 | 10.82 | 1284.85 |
| OW-7 | NS | 4.79 | NA | 11.51 | NA | 9.58 | NA | 6.14 | NA | 10.83 | NA |

NA - Not available

**Table 8.**
**Summary of Groundwater Elevation Data**
**DC Rollforms Site**
**Jamestown, New York**

| Well ID | Measuring [1] Point Elevation (ft amsl) | Operational Conditions 5/23/2012 | | Non-pumping Conditions 10/1/2012 | | Non-pumping Conditions 12/5/2012 | | Operational Conditions 3/13/2013 | | Operational Conditions 6/18/2013 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] |
| ESI-1 | 1296.37 | 12.36 | 1284.01 | 12.68 | 1283.69 | 11.02 | 1285.35 | 8.06 | 1288.31 | 8.40 | 1287.97 |
| ESI-2 | 1295.08 | 12.01 | 1283.07 | 12.04 | 1283.04 | 11.80 | 1283.28 | 11.25 | 1283.83 | 11.63 | 1283.45 |
| ESI-3[4] | 1295.75 | 8.02 | 1287.73 | 10.88 | 1284.87 | 6.19 | 1289.56 | 5.96 | 1289.79 | 6.84 | 1288.91 |
| ESI-4R | 1294.96 | 12.25 | 1282.71 | 12.06 | 1282.90 | DRY | NA | DRY | NA | DRY | NA |
| ESI-5 | 1293.08 | 9.14 | 1283.94 | 7.62 | 1285.46 | 5.48 | 1287.60 | 4.61 | 1288.47 | 5.18 | 1287.90 |
| ESI-6 | 1295.24 | 7.51 | 1287.73 | 10.21 | 1285.03 | 7.68 | 1287.56 | 5.41 | 1289.83 | 6.34 | 1288.90 |
| ESI-7 | 1295.12 | 10.89 | 1284.23 | 11.10 | 1284.02 | 10.55 | 1284.57 | 10.33 | 1284.79 | 10.72 | 1284.40 |
| MW-4S | 1295.75 | 14.26 | 1281.49 | 13.80 | 1281.95 | 13.48 | 1282.27 | 12.45 | 1283.30 | 12.96 | 1282.79 |
| MW-7D | 1295.37 | 10.13 | 1285.24 | 10.79 | 1284.58 | 9.59 | 1285.78 | 8.83 | 1286.54 | 9.02 | 1286.35 |
| MW-8S | 1295.21 | 8.60 | 1286.61 | 10.49 | 1284.72 | 6.97 | 1288.24 | 6.33 | 1288.88 | 7.58 | 1287.63 |
| MW-8D | 1295.48 | 6.45 | 1289.03 | 7.05 | 1288.43 | 5.92 | 1289.56 | 5.99 | 1289.49 | 6.08 | 1289.40 |
| MW-9 | 1291.95 | 7.40 | 1284.55 | 6.97 | 1284.98 | 5.55 | 1286.40 | 5.94 | 1286.01 | 6.74 | 1285.21 |
| MW-10R | 1295.11 | 12.54 | 1282.57 | 13.24 | 1281.87 | 13.12 | 1281.99 | 8.01 | 1287.10 | 8.60 | 1286.51 |
| MW-12 | 1294.91 | 7.54 | 1287.37 | 10.03 | 1284.88 | 6.54 | 1288.37 | 5.93 | 1288.98 | 6.91 | 1288.00 |
| MW-13 | 1294.20 | 7.40 | 1286.80 | 9.43 | 1284.77 | 6.91 | 1287.29 | 5.74 | 1288.46 | 6.89 | 1287.31 |
| MW-14 | 1294.59 | 7.01 | 1287.58 | 9.54 | 1285.05 | 6.48 | 1288.11 | 5.58 | 1289.01 | 6.26 | 1288.33 |
| OW-1 | 1292.59 | 7.90 | 1284.69 | 7.91 | 1284.68 | DRY | NA | 12.23 | 1280.36 | 13.50 | 1279.09 |
| OW-2 | 1293.96 | 13.95 | 1280.01 | 13.89 | 1280.07 | 13.70 | 1280.26 | 13.23 | 1280.73 | 13.59 | 1280.37 |
| OW-3 | 1292.01 | 5.02 | 1286.99 | 6.90 | 1285.11 | 5.25 | 1286.76 | 4.63 | 1287.38 | 4.71 | 1287.30 |
| OW-4 | NS | 11.41 | NA | 11.85 | NA | 10.60 | NA | 9.78 | NA | 10.25 | NA |
| OW-5 | 1295.59 | 11.96 | 1283.63 | 12.03 | 1283.56 | 11.42 | 1284.17 | 11.01 | 1284.58 | 11.63 | 1283.96 |
| OW-6 | 1295.67 | 11.49 | 1284.18 | 11.84 | 1283.83 | 10.88 | 1284.79 | 10.49 | 1285.18 | 11.02 | 1284.65 |
| OW-7 | NS | 11.45 | NA | 11.57 | NA | 11.24 | NA | 10.93 | NA | 11.14 | NA |

NA - Not available

**Table 8.**
**Summary of Groundwater Elevation Data**
**DC Rollforms Site**
**Jamestown, New York**

| Well ID | Measuring [1] Point Elevation (ft amsl) | Operational Conditions [5] 8/28/2013 | | Non-pumping Conditions 11/13/2013 | | Operational Conditions 3/18/2014 | | Operational Conditions 5/19/2014 | | Operational Conditions 8/18/2014 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] | Depth to [2] Water | Water-Level Elevation [3] |
| ESI-1 | 1296.37 | 12.02 | 1284.35 | 6.92 | 1289.45 | 7.30 | 1289.07 | 7.36 | 1289.01 | 7.77 | 1288.60 |
| ESI-2 | 1295.08 | 11.51 | 1283.57 | 6.24 | 1288.84 | 10.35 | 1284.73 | 9.35 | 1285.73 | 11.05 | 1284.03 |
| ESI-3[4] | 1295.75 | 10.73 | 1285.02 | 5.66 | 1290.09 | 6.48 | 1289.27 | 6.60 | 1289.15 | 7.45 | 1288.30 |
| ESI-4R | 1294.96 | DRY | NA | 7.72 | 1287.24 | 11.23 | NA | 11.12 | NA | DRY | NA |
| ESI-5 | 1293.08 | 7.66 | 1285.42 | 4.72 | 1288.36 | 5.03 | 1288.05 | 4.35 | 1288.73 | 5.42 | 1287.66 |
| ESI-6 | 1295.24 | 9.73 | 1285.51 | 6.09 | 1289.15 | 5.80 | 1289.44 | 5.61 | 1289.63 | 6.85 | 1288.39 |
| ESI-7 | 1295.12 | 10.90 | 1284.22 | 6.21 | 1288.91 | 9.89 | 1285.23 | 8.74 | 1286.38 | 10.76 | 1284.36 |
| MW-4S | 1295.75 | 12.78 | 1282.97 | 7.35 | 1288.40 | 11.31 | 1284.44 | 11.08 | 1284.67 | 12.66 | 1283.09 |
| MW-7D | 1295.37 | 10.39 | 1284.98 | 6.74 | 1288.63 | 8.75 | 1286.62 | 7.82 | 1287.55 | 9.80 | 1285.57 |
| MW-8S | 1295.21 | 9.34 | 1285.87 | 6.30 | 1288.91 | 6.41 | 1288.80 | 6.36 | 1288.85 | 8.02 | 1287.19 |
| MW-8D | 1295.48 | 7.21 | 1288.27 | 6.01 | 1289.47 | 6.02 | 1289.46 | 5.92 | 1289.56 | 6.13 | 1289.35 |
| MW-9 | 1291.95 | 6.85 | 1285.10 | 5.30 | 1286.65 | 6.77 | 1285.18 | 6.51 | 1285.44 | 6.99 | 1284.96 |
| MW-10R | 1295.11 | 11.77 | 1283.34 | 7.43 | 1287.68 | 8.15 | 1286.96 | 8.08 | 1287.03 | 9.93 | 1285.18 |
| MW-12 | 1294.91 | 8.74 | 1286.17 | 5.86 | 1289.05 | 5.86 | 1289.05 | 5.85 | 1289.06 | 6.95 | 1287.96 |
| MW-13 | 1294.20 | 8.26 | 1285.94 | 5.24 | 1288.96 | 5.14 | 1289.06 | 5.32 | 1288.88 | 6.92 | 1287.28 |
| MW-14 | 1294.59 | 8.17 | 1286.42 | 5.52 | 1289.07 | 5.74 | 1288.85 | 5.65 | 1288.94 | 6.54 | 1288.05 |
| OW-1 | 1292.59 | 12.39 | 1280.20 | 7.21 | 1285.38 | 11.48 | 1281.11 | 10.46 | 1282.13 | 12.05 | 1280.54 |
| OW-2 | 1293.96 | 13.34 | 1280.62 | 8.23 | 1285.73 | 12.40 | 1281.56 | 11.40 | 1282.56 | 13.11 | 1280.85 |
| OW-3 | 1292.01 | 4.93 | 1287.08 | 4.58 | 1287.43 | 4.26 | 1287.75 | 4.25 | 1287.76 | 4.28 | 1287.73 |
| OW-4 | NS | 11.05 | NA | 6.01 | NA | 9.35 | NA | 8.80 | NA | 10.48 | NA |
| OW-5 | 1295.59 | 11.65 | 1283.94 | 6.52 | 1289.07 | 10.50 | 1285.09 | 9.45 | 1286.14 | 11.33 | 1284.26 |
| OW-6 | 1295.67 | 11.49 | 1284.18 | 6.77 | 1288.90 | 9.96 | 1285.71 | 9.22 | 1286.45 | 11.25 | 1284.42 |
| OW-7 | NS | 10.96 | NA | 6.08 | NA | 10.20 | NA | 9.22 | NA | 10.86 | NA |

NA - Not available

**Table 8.**
**Summary of Groundwater Elevation Data**
**DC Rollforms Site**
**Jamestown, New York**

| Well ID | Measuring [1] Point Elevation (ft amsl) | Operational Conditions 12/17/2014 | | Operational Conditions 3/23/2015 | | Operational Conditions 5/21/2015 | | Operational Conditions 8/26/2015 | | Operational Conditions 5/12/2016 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Depth to Water [2] | Water-Level Elevation [3] | Depth to Water [2] | Water-Level Elevation [3] | Depth to Water [2] | Water-Level Elevation [3] | Depth to Water [2] | Water-Level Elevation [3] | Depth to Water [2] | Water-Level Elevation [3] |
| ESI-1 | 1296.37 | 7.07 | 1289.30 | 7.04 | 1289.33 | 10.77 | 1285.60 | 12.10 | 1284.27 | 9.63 | 1281.04 |
| ESI-2 | 1295.08 | 10.21 | 1284.87 | 9.09 | 1285.99 | 10.31 | 1284.77 | 11.57 | 1283.51 | 10.46 | 1279.67 |
| ESI-3[4] | 1295.75 | 5.51 | 1290.24 | 5.80 | 1289.95 | 7.98 | 1287.77 | 8.00 | 1287.75 | NA | NA |
| ESI-4R | 1294.96 | 9.24 | 1285.72 | 8.60 | 1286.36 | 9.64 | 1285.32 | 12.15 | 1282.81 | 10.94 | 1277.60 |
| ESI-5 | 1293.08 | 5.00 | 1288.08 | 4.04 | 1289.04 | 5.06 | 1288.02 | 7.69 | 1285.39 | NA | NA |
| ESI-6 | 1295.24 | 5.4 | 1289.84 | 5.55 | 1289.69 | 8.28 | 1286.96 | 9.73 | 1285.51 | 7.60 | 1282.29 |
| ESI-7 | 1295.12 | 9.76 | 1285.36 | 8.78 | 1286.34 | 10.31 | 1284.81 | 10.93 | 1284.19 | 10.47 | 1279.70 |
| MW-4S | 1295.75 | 8.63 | 1287.12 | 8.79 | 1286.96 | 9.61 | 1286.14 | 12.74 | 1283.01 | NA | NA |
| MW-7D | 1295.37 | 8.66 | 1286.71 | 8.16 | 1287.21 | 9.31 | 1286.06 | 10.40 | 1284.97 | NA | NA |
| MW-8S | 1295.21 | 5.93 | 1289.28 | 6.11 | 1289.10 | 7.79 | 1287.42 | 10.63 | 1284.58 | 7.87 | 1282.01 |
| MW-8D | 1295.48 | 5.99 | 1289.49 | 5.90 | 1289.58 | 6.26 | 1289.22 | 7.00 | 1288.48 | NA | NA |
| MW-9 | 1291.95 | 5.34 | 1286.61 | 6.32 | 1285.63 | 6.85 | 1285.10 | 7.57 | 1284.38 | 7.40 | 1279.54 |
| MW-10R | 1295.11 | 7.37 | 1287.74 | 7.52 | 1287.59 | 9.53 | 1285.58 | 12.71 | 1282.40 | 10.90 | 1277.69 |
| MW-12 | 1294.91 | 5.55 | 1289.36 | 5.57 | 1289.34 | 7.01 | 1287.90 | 9.76 | 1285.15 | 7.36 | 1282.86 |
| MW-13 | 1294.20 | 5.28 | 1288.92 | 5.01 | 1289.19 | 6.25 | 1287.95 | 9.51 | 1284.69 | 7.35 | 1282.79 |
| MW-14 | 1294.59 | 5.46 | 1289.13 | 5.46 | 1289.13 | 6.88 | 1287.71 | 9.01 | 1285.58 | 6.75 | 1283.26 |
| OW-1 | 1292.59 | 11.23 | 1281.36 | 10.01 | 1282.58 | 11.31 | 1281.28 | 12.54 | 1280.05 | NA | NA |
| OW-2 | 1293.96 | 12.21 | 1281.75 | 10.07 | 1283.89 | 12.31 | 1281.65 | 13.57 | 1280.39 | NA | NA |
| OW-3 | 1292.01 | 3.88 | 1288.13 | NA | NA | 4.98 | 1287.03 | 6.65 | 1285.36 | NA | NA |
| OW-4 | NS | 9.00 | NA | 8.75 | NA | 9.36 | NA | 11.02 | NA | NA | NA |
| OW-5 | 1295.59 | 7.94 | 1287.65 | 8.99 | 1286.60 | 10.71 | 1284.88 | 11.82 | 1283.77 | 10.91 | 1279.32 |
| OW-6 | 1295.67 | 9.13 | 1286.54 | 9.10 | 1286.57 | 10.70 | 1284.97 | 11.62 | 1284.05 | 10.99 | 1279.15 |
| OW-7 | NS | 10.03 | NA | 8.85 | NA | 10.13 | NA | 10.99 | NA | NA | NA |

NA - Not available

**Table 9.**
**Summary of TCE, DCE, and VC in Groundwater Samples**
**DC Rollforms Site**
**Jamestown, New York**

| Well ID | MW-8S | | |
|---|---|---|---|
| Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC |
| December 1998 | < 5 | 8,500 | 1,100 |
| January 1999 | < 5 | 9,300 | 2,100 |
| February 1999 | 3,000 | 2,500 | < 10 |
| March 1999 | 120 | 1,406 | 330 |
| April 1999 | 130 | 4,416 | 480 |
| May 1999 | 320 | 2,110 J | 62 J |
| July 1999 | 35 J | 1,600 | 290 |
| September 1999 | 96 J | 7,100 | 1,600 |
| January 2000 | 9 | 50 | 72 |
| July 2000 | < 5 | 1,107 J | 820 |
| December 2001 | 85 | 11 J | 1 J |
| March 2002 | 6 | 51 J | 18 |
| July 2002 | < 5 | 4.6 J | 5 J |
| October 2002 | < 20 | 410 | 130 |
| December 2002 | 3 J | 37 J | 23 |
| August 2003 | 9 | 8.8 | 3 |
| December 2003 | < 5 | 50 J | 49 |
| June 2004 | < 5 | 9.6 J | 35 |
| November 2004 | < 20 | 400 | 93 |
| July 2005 | < 20 | 320 | 180 |
| March 2008 | 150 D | 758 DJ | 60 DJ |
| June 2008 | < 100 | 3,100 D | 910 |
| September 2008 | 46 J | 6,029 DJ | 1,800 |
| December 2008 | 26 | 69 J | 1.5 |
| March 2009 | 23 | 92 | < 1 |
| June 2009 | 42 | 3,000 | 350 |
| September 2009 | 57 | 7,800 D | 870 |
| December 2009 | 67 | 4,400 | 270 |
| March 2010 | < 25 | 4,700 | 580 |
| June 2010 | < 25 | 5,400 D | 690 |
| October 2010 | 58 | 1,811 | 57 |
| December 2010 | 14 | 66 | < 1 |
| March 2011 | 25 | 145 | 3 |
| June 2011 | 10 | 3,902 D | 334 D |
| October 2011 | 12 | 2,744 D | 115 D |
| December 2011 | 16 | 158 | < 1 |
| March 2012 | 29.5 | 399.5 | 24.2 |
| October 2012 | < 1 | 809 | 1270 |
| March 2013 | 16.7 | 121 | < 1 |
| August 2013 | 1.6 | 3410.1 | 242 |
| March 2014 | 16.5 | 134.1 | < 1 |
| August 2014 | 11 | 4,137 | 631 |
| March 2015 | 9.3 | 34.9 | <1 |
| August 2015 | 2.3 | 1,440 | 0.32 J |
| May 2016 | 11.2 | 7,446 | 648 |

| Well ID | MW-9 | | |
|---|---|---|---|
| Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC |
| March 2008 | 3.4 J | 6.9 J | 3.6 J |
| June 2008 | 10 | < 5 | < 5 |
| September 2008 | 9.8 J | 2.2 J | < 25 |
| December 2008 | 6.8 | 0.52 J | < 1 |
| March 2009 | 4.8 | 2.7 | 1.4 |
| June 2009 | 7.2 | < 1 | < 1 |
| September 2009 | 11 | < 1 | < 1 |
| December 2009 | 4.1 | < 1 | < 1 |
| March 2010 | 2.1 | 2.7 | 1.9 |
| June 2010 | 5.3 | < 1 | < 1 |
| October 2010 | 8.4 | < 1 | < 1 |
| December 2010 | 4.7 | < 1 | < 1 |
| March 2011 | 4 | 4.2 | 1.5 |
| June 2011 | 9 | < 1 | < 1 |
| October 2011 | 8.6 | < 1 | < 1 |
| December 2011 | 6.7 | < 1 | < 1 |
| March 2012 | 4.4 | 1.4 | < 1 |
| October 2012 | 3.4 | 3.0 | 4.4 |
| March 2013 | 3 | < 1 | < 1 |
| August 2013 | 4 | 2.4 | < 1 |
| March 2014 | 1.9 | < 1 | < 1 |
| August 2014 | 3.9 | < 1 | < 1 |
| March 2015 | 1.9 | < 1 | < 1 |
| August 2015 | 2.3 | 3.5 | 0.75 J |
| May 2016 | 2.2 | 1 | < 1 |

| Well ID | MW-10R[4] | | |
|---|---|---|---|
| Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC |
| June 2010 | 3.9 | 12 | < 2 |
| October 2010 | 56 | 260 | < 2 |
| December 2010 | 22 | 9.4 | < 1 |
| March 2011 | 76 | 17 | < 1 |
| June 2011 | 9.3 | 273 | 1.8 |
| October 2011 | 86 | 143 | < 1 |
| December 2011 | 11 | 31 | < 1 |
| March 2012 | 17 | 111 | < 1 |
| May 2012 | 13.2 | 157 | < 1 |
| October 2012 | < 1 | 1.7 | < 1 |
| December 2012 | 1.1 | 41 | < 1 |
| March 2013 | 79.3 | 38.6 | < 1 |
| June 2013 | 9.6 | 19.4 | < 1 |
| August 2013 | < 1 | 23 | < 1 |
| November 2013 | 1.5 | 2.1 | < 1 |
| March 2014 | 31.4 | 25.8 | < 1 |
| May 2014 | 53.4 | 26.7 | < 1 |
| August 2014 | 13.2 | 41.9 | 1.1 |
| December 2014 | 13 | 16.2 | < 1 |
| March 2015 | 19.3 | 7.1 | < 1 |
| May 2015 | 22.4 | 96 | < 1 |
| August 2015 | < 1 | 12 | < 1 |
| May 2016 | 2.6 | 89.9 J | 3.7 |

| Well ID | MW-12 | | |
|---|---|---|---|
| Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC |
| December 1998 | 81 | 524 J | 260 |
| January 1999 | 60 | 460 | 120 |
| February 1999 | 4,400 B | 9,800 | < 10 |
| March 1999 | 66 J | 4,516 | 380 |
| April 1999 | 510 | 9,200 | 710 J |
| May 1999 | 300 | 7,438 J | 360 J |
| July 1999 | 6 | 29 J | 83 |
| September 1999 | 56 | 1,000 | 120 |
| January 2000 | 12 J | 1,100 | 920 |
| July 2000 | < 5 | < 5 | < 10 |
| December 2001 | < 5 | 15 J | < 10 |
| March 2002 | 7 | 172 J | 120 |
| July 2002 | < 5 | 35 | 24 |
| October 2002 | 10 | 48 J | 37 |
| December 2002 | 64 | 301 J | 130 |
| August 2003 | 42 | 40 | 100 |
| December 2003 | 22 | 140 | 220 |
| June 2004 | < 5 | 11 | 26 |
| November 2004 | 32 | 140 | 140 |
| July 2005 | 0.76 | 51 | 86 |
| March 2008 | 44 | 1,808 DJ | 400 |
| June 2008 | < 100 | 1900 | 470 |
| September 2008 | < 50 | 810 | 410 |
| December 2008 | 1,600 D | 1,808 D | 30 |
| March 2009 | 540 | 760 | 14 |
| June 2009 | 280 | 2300 | 140 |
| September 2009 | < 20 | 5,800 D | 230 |
| December 2009 | 470 | 3,500 | 59 |
| March 2010 | 510 | 3800 | 140 |
| June 2010 | 110 | 4,800 | 440 |
| October 2010 | 36 | 970 | 310 |
| December 2010 | 230 | 1,200 | < 10 |
| March 2011 | 127 | 620.4 | 9.4 |
| June 2011 | 194 | 3,843 D | 364 D |
| October 2011 | 1,750 D | 1,942 D | 15 |
| December 2011 | 828 D | 2,032 D | 25 |
| March 2012 | 188 | 1,580 | 25.3 |
| May 2012 | 5870 | 9,958 | 106 |
| October 2012 | < 1 | 2,685 | 3860 |
| December 2012 | 692 | 1,244 | 5.8 |
| March 2013 | 130 | 745 | < 1 |
| June 2013 | 393 | 2,092 | 76.7 |
| August 2013 | 198 | 1,016 | 460 |
| November 2013 | 1010 | 1,810 | 58.4 |
| March 2014 | 202 | 809 | < 5 |
| May 2014 | 140 | 998.9 | < 5 |
| August 2014 | < 5 | 1,387.3 | 1200 |
| December 2014 | 262 | 1,064.9 | 14.3 |
| March 2015 | 92.1 | 629.2 | < 5 |
| May 2015 | 390 | 2,272 | 176 |
| August 2015 | 38.7 | 1541.8 | 389 |
| May 2016 | 149 | 1857.5 | 230 |

**Definitions:**
B - indicates a results > = MDL but < RL
D - Identifies an analysis that used a secondary dilution factor
DCE - Dichloroethene
J - Indicates an estimated value
TCE - Trichloroethene
µg/L - micrograms per liter
VC - Vinyl Chloride

**Table 9.**
**Summary of TCE, DCE, and VC in Groundwater Samples**
**DC Rollforms Site**
**Jamestown, New York**

| Well ID | MW-13 | | | Well ID | MW-14 | | | Well ID | ESI-1 | | | Well ID | ESI-2 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Analyte (µg/L)[1] | | | Date | Analyte (µg/L)[1] | | | Date | Analyte (µg/L)[1] | | | Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC | | TCE | DCE (total)[2] | VC | | TCE | DCE (total)[2] | VC | | TCE | DCE (total)[2] | VC |
| July 2000 | < 5 | 6 | 4 J | July 2000 | 13 J | 4,700 | 1,400 | July 2002 | < 100 | 210 | 2,300 | July 2002 | < 20 | 21 | 390 |
| December 2001 | 24 | < 5 | < 5 | December 2001 | < 5 | 3,000 | 610 | October 2002 | < 20 | 21 | 460 | October 2002 | < 10 | < 10 | 52 |
| July 2002 | 0.9 J | < 5 | < 5 | March 2002 | < 5 | 6,600 | 1,100 | August 2003 | < 20 | 16 | 420 | August 2003 | < 5 | < 5 | 36 |
| October 2002 | < 5 | < 5 | < 5 | July 2002 | NA | 14,000 | 3,800 | December 2003 | < 5 | 1 J | 1 J | December 2003 | < 20 | 230 | 500 |
| December 2002 | 51 | 3 J | < 5 | October 2002 | < 500 | 8,400 | 2,000 | June 2004 | < 500 | 92 J | 1,300 | June 2004 | < 5 | 5 J | 190 |
| August 2003 | 3 | < 5 | < 5 | December 2002 | < 250 | 6,816 J | 1,400 | December 2004 | < 5 | < 5 | < 5 | December 2004 | < 5 | < 5 | 12 |
| December 2003 | < 5 | < 5 | < 5 | August 2003 | < 1,200 | 20,000 | 1,900 | July 2005 | < 50 | 70 | 1,200 | July 2005 | < 5 | < 5 | 75 |
| June 2004 | < 5 | < 5 | < 5 | December 2003 | < 500 | 16,000 | 2,200 | March 2008 | < 50 | < 50 | < 50 | March 2008 | < 25 | < 25 | < 25 |
| November 2004 | < 5 | < 5 | < 5 | June 2004 | < 1,000 | 19,000 | 2,500 | June 2008 | < 50 | < 50 | < 50 | December 2008 | < 1 | < 1 | < 1 |
| July 2005 | < 5 | < 5 | < 5 | December 2004 | < 500 | 16,000 | 2,300 | September 2008 | < 50 | < 50 | < 50 | March 2009 | < 1 | < 1 | < 1 |
| March 2008 | 2.7 J | 48 J | 24 | March 2008 | 1.7 J | 1,009 DJ | 340 | December 2008 | < 1 | < 1 | < 1 | March 2010 | < 1 | < 1 | < 1 |
| June 2008 | 6.7 | 1,306 DJ | 85 | June 2008 | < 100 | 1,800 | 550 | March 2009 | < 1 | < 1 | < 1 | June 2010 | < 1 | < 1 | < 1 |
| September 2008 | < 100 | 1,700 D | 890 | September 2008 | < 100 | 1,814 J | 3,900 D | June 2009 | < 1 | < 1 | < 1 | October 2010 | < 1 | < 1 | < 1 |
| December 2008 | 61 | 523 DJ | 200 D | December 2008 | 3.7 | 975 DJ | 390 D | September 2009 | < 1 | 3.2 | < 1 | December 2010 | < 1 | < 1 | < 1 |
| March 2009 | 41 | 1,700 | 630 | March 2009 | < 5 | 620 | 150 | December 2009 | < 1 | < 1 | < 1 | March 2011 | < 1 | < 1 | < 1 |
| June 2009 | < 50 | 6,200 | 1,700 | June 2009 | < 10 | 1,100 | 450 | March 2010 | < 1 | 3.6 | < 1 | June 2011 | 4.1 | < 1 | 1.1 |
| September 2009 | < 25 | 2,600 | 170 | September 2009 | < 2.5 | 190 | 300 | June 2010 | < 1 | < 1 | < 1 | October 2011 | < 1 | < 1 | < 1 |
| December 2009 | < 5 | 900 | 400 | December 2009 | < 2.5 | 710 D | 310 | October 2010 | < 1 | < 1 | < 1 | December 2011 | < 1 | < 1 | < 1 |
| March 2010 | < 5 | 510 | 170 | March 2010 | < 5 | 1,307 D | 510 | December 2010 | < 1 | < 1 | < 1 | March 2012 | < 1 | < 1 | < 1 |
| June 2010 | < 5 | 1,400 D | 530 | June 2010 | < 2 | 220 | 280 | March 2011 | < 1 | < 1 | < 1 | October 2012 | < 1 | < 1 | < 1 |
| October 2010 | < 10 | 5,157 D | 4,500 D | October 2010 | < 1 | 85 | 170 | June 2011 | < 1 | < 1 | < 1 | March 2013 | < 1 | < 1 | < 1 |
| December 2010 | < 25 | 4,500 D | 4,300 | December 2010 | 3.4 | 1,607 D | 390 D | October 2011 | < 1 | < 1 | < 1 | August 2013 | < 1 | < 1 | < 1 |
| March 2011 | 5.8 | 363 | 612 | March 2011 | 66 | 1,809 | 451 | December 2011 | < 1 | < 1 | < 1 | March 2014 | < 1 | < 1 | < 1 |
| June 2011 | 5.7 | 325 | 377 | June 2011 | < 1 | 1,419 D | 544 | March 2012 | < 1 | < 1 | < 1 | August 2014 | 0.54 J | < 1 | 0.89 J |
| October 2011 | 85 | 1,538 D | 1,310 D | October 2011 | 3.4 | 2,230 D | 476 D | October 2012 | < 1 | 10.9 | 11.8 | March 2015 | 0.47 J | < 1 | < 1 |
| December 2011 | 79 | 916 D | 494 D | December 2011 | 3.1 | 1,282 D | 353 | March 2013 | < 1 | < 1 | < 1 | August 2015 | < 1 | 2.8 | 1.4 |
| March 2012 | 36.7 | 392 | 243 | March 2012 | < 1 | 3401.3 | 1260 | August 2013 | < 1 | < 1 | < 1 | May 2016 | < 1 | 0.76 J | 1 |
| May 2012 | 495 | 3,116 | 682 | May 2012 | < 1 | 568 | 209 | March 2014 | < 1 | < 1 | < 1 | | | | |
| October 2012 | < 1 | 2,554 | 3,100 | October 2012 | < 1 | 24.9 | 65 | August 2014 | < 1 | < 1 | < 1 | | | | |
| December 2012 | 72.2 | 316 | 15 | December 2012 | 2.9 | 1828.7 | 194 | March 2015 | < 1 | < 1 | < 1 | | | | |
| March 2013 | 52.8 | 350 | 27.7 | March 2013 | < 1 | 801 | 158 | August 2015 | < 1 | < 1 | < 1 | | | | |
| June 2013 | 40.9 | 971.3 | 60.2 | June 2013 | < 1 | 2512.5 | 611 | May 2016 | < 1 | < 1 | < 1 | | | | |
| August 2013 | < 1 | 1,564 | 1,000 | August 2013 | < 1 | 888.2 | 526 | | | | | | | | |
| November 2013 | 29.5 | 125 | 8.2 | November 2013 | < 1 | 2310 | 1190 | | | | | | | | |
| March 2014 | 25.6 | 277.6 | 180 | March 2014 | < 4 | 1044.9 | 590 | | | | | | | | |
| May 2014 | 46.5 | 321.6 | 18.1 | May 2014 | < 10 | 1640.2 | 1030 | | | | | | | | |
| August 2014 | 46 | 2,395 | 236 | August 2014 | 912 | 4016 J | 204 | | | | | | | | |
| December 2014 | 11.2 | 198 | 350 | December 2014 | < 5 | 1494.2 | 1970 | | | | | | | | |
| March 2015 | 12.1 | 175.3 | 27 | March 2015 | < 5 | 1236 | 954 | | | | | | | | |
| May 2015 | 1.9 | 2.2 | 326 | May 2015 | 1.6 | 427 | 523 | | | | | | | | |
| August 2015 | < 1 | 10,009 | 5,910 | August 2015 | < 5 | 285 | 453 | | | | | | | | |
| May 2016 | < 1 | 145 | 181 | May 2016 | < 5 | 788.1 | 871 | | | | | | | | |

**Table 9.**
**Summary of TCE, DCE, and VC in Groundwater Samples**
**DC Rollforms Site**
**Jamestown, New York**

| Well ID | ESI-4R[3] | | |
|---|---|---|---|
| Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC |
| October 2010 | 150 | 186 | 38 |
| December 2010 | 12 | 410 | 39 |
| March 2011 | 134 | 410 | 52 |
| June 2011 | 15 | 1,165 D | 248 D |
| October 2011 | 4.2 | 391 | 102 |
| December 2011 | 2.5 | 480 D | 101 |
| March 2012 | 3.5 | 2,070 | 825 |
| August 2013 | < 1 | 98 | 9.2 |
| March 2014 | 1.2 | 315 | 51.9 |
| August 2014 | 1.1 | 253.5 | 33.6 |
| March 2015 | 10.1 | 230.8 | 86 |
| August 2015 | 2.1 | 180 | 29.1 |
| May 2016 | 2.1 | 194.2 | 39.5 |

| Well ID | ESI-6 | | |
|---|---|---|---|
| Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC |
| December 1998 | 2 J | 19 | 13 |
| January 1999 | < 5 | 30 | 34 |
| February 1999 | 360 | 22 | < 10 |
| March 1999 | 390 | 82 | 50 |
| April 1999 | 520 | 75 | 45 J |
| May 1999 | 280 | 39 | 42 |
| July 1999 | 120 | 12 | 11 |
| September 1999 | 610 | 8 J | < 10 |
| January 2000 | 130 | 46 | 24 |
| July 2000 | < 5 | < 5 | < 10 |
| December 2001 | 3 | 14 | 5 |
| March 2002 | < 5 | 49 | 26 |
| July 2002 | 1 J | 4 J | 2 J |
| October 2002 | < 5 | 1 J | < 5 |
| December 2002 | < 5 | 14 | 9 |
| August 2003 | < 5 | 2 | < 5 |
| December 2003 | 4 J | 67 | 23 |
| June 2004 | < 5 | 6 | 12 |
| November 2004 | < 5 | 43 | 11 |
| July 2005 | < 5 | 14 | 6 |
| March 2008 | < 5 | 1.6 J | 3.6 J |
| June 2008 | < 5 | < 5 | 1.5 J |
| September 2008 | < 5 | 2.6 J | 3.2 J |
| December 2008 | < 1 | 2.2 | 1.1 |
| March 2009 | 9.1 | 6.8 | 2.4 |
| June 2009 | 1.4 | 1.1 | < 1 |
| September 2009 | < 1 | < 1 | < 1 |
| December 2009 | < 1 | 2.1 | < 1 |
| March 2010 | < 1 | < 1 | < 1 |
| June 2010 | < 1 | < 1 | < 1 |
| October 2010 | < 1 | < 1 | < 1 |
| December 2010 | < 1 | 1.6 | < 1 |
| March 2011 | 1.1 | 2.5 | < 1 |
| June 2011 | < 1 | < 1 | < 1 |
| October 2011 | < 1 | < 1 | < 1 |
| December 2011 | < 1 | 1.5 | < 1 |
| March 2012 | < 1 | < 1 | < 1 |
| October 2012 | < 1 | < 1 | < 1 |
| March 2013 | < 1 | < 1 | < 1 |
| August 2013 | < 1 | 1.3 | < 1 |
| March 2014 | < 1 | < 1 | < 1 |
| August 2014 | < 1 | < 1 | < 1 |
| March 2015 | 0.51 J | 1.6 | < 1 |
| August 2015 | < 1 | 0.87 J | 0.21 J |
| May 2016 | < 1 | < 1 | < 1 |

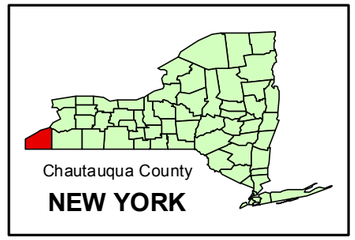
| Well ID | ESI-7 | | |
|---|---|---|---|
| Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC |
| December 1998 | 320 | 8 | < 10 |
| January 1999 | < 5 | 3 | < 10 |
| February 1999 | 16 | 19 | < 10 |
| March 1999 | 100 | 40 | 2 J |
| April 1999 | 180 | 37 | 4 J |
| May 1999 | 77 | 83 J | 88 |
| July 1999 | 89 | 2.5 J | 4 J |
| September 1999 | 190 | 4 J | < 10 |
| January 2000 | 33 | 49.7 J | 3 J |
| July 2000 | 4 J | 14 | < 10 |
| December 2001 | 7 | 17 J | 2 J |
| March 2002 | 65 | 261 J | 2 J |
| July 2002 | 9 | 204 J | 33 |
| October 2002 | 1 J | 7 | 2 J |
| December 2002 | 24 | 83 J | 1 J |
| August 2003 | 10 | 93 | 5 |
| December 2003 | 13 | 171 J | 4 J |
| July 2004 | < 5 | 17 J | 11 |
| November 2004 | 10 | 66 | < 5 |
| July 2005 | < 5 | 19 | 18 |
| March 2008 | 2.2 J | 20 | 2.4 J |
| June 2008 | < 5 | < 5 | < 5 |
| September 2008 | < 5 | 1.1 J | 0.55 J |
| December 2008 | 0.79 J | 3.2 | < 1 |
| March 2009 | 7.9 | 5.7 | < 1 |
| June 2009 | < 1 | < 1 | < 1 |
| September 2009 | < 1 | 1.4 | < 1 |
| December 2009 | < 1 | 1.8 | 1.4 |
| March 2010 | 1.1 | 5.6 | 3.2 |
| June 2010 | < 1 | 1.1 | 1.2 |
| October 2010 | < 1 | 2.6 | 1.2 |
| December 2010 | 7.3 | 13 | < 1 |
| March 2011 | 44 | 168 | 6.8 |
| June 2011 | < 1 | 1.3 | 1.6 |
| October 2011 | < 1 | 1.2 | < 1 |
| December 2011 | 1.2 | 9.1 | < 1 |
| March 2012 | 8.5 | 10.1 | 1.5 |
| October 2012 | < 1 | 2.1 | 4.4 |
| March 2013 | < 1 | < 1 | < 1 |
| August 2013 | < 1 | < 1 | < 1 |
| March 2014 | 10.2 | 8.0 | 1.5 |
| August 2014 | < 1 | 1.3 | 0.79 |
| March 2015 | 5.5 | 14.1 | < 1 |
| August 2015 | < 1 | 3.6 | 0.51 J |
| May 2016 | 33.1 | 62.4 | 3 |

| Well ID | OW-5 | | |
|---|---|---|---|
| Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC |
| March 2008 | < 5 | < 5 | < 5 |
| June 2008 | < 5 | 6,656 DJ | 11,000 D |
| September 2008 | < 25 | 7,213 DJ | 11,000 D |
| December 2008 | < 1 | < 1 | < 1 |
| March 2009 | < 1 | < 1 | < 1 |
| June 2009 | < 5 | 930 | 780 |
| September 2009 | < 5 | 3,200 D | 5,400 D |
| December 2009 | < 1 | 130 | 130 |
| March 2010 | < 1 | 1,709 D | 1,400 D |
| June 2010 | < 10 | 5,100 D | 4,200 D |
| October 2010 | < 2 | 46 | 110 |
| December 2010 | < 1 | < 1 | < 1 |
| March 2011 | < 1 | < 1 | < 1 |
| June 2011 | 1 | 2,558 D | 1650 |
| October 2011 | < 1 | 187 | 137 D |
| December 2011 | < 1 | < 1 | < 1 |
| March 2012 | < 1 | 1207.5 | 1030 |
| October 2012 | < 1 | 2554.2 | 4060 |
| March 2013 | < 1 | 9.3 | < 1 |
| August 2013 | < 1 | 1868.8 | 2,710 |
| March 2014 | < 1 | 22.9 | 25 |
| August 2014 | < 1 | 385.7 J | 1000 |
| March 2015 | 3.2 | < 1 | < 1 |
| August 2015 | 0.56 J | 98 | 262 |
| May 2016 | < 1 | 171 | 463 |

**Table 9.**
**Summary of TCE, DCE, and VC in Groundwater Samples**
**DC Rollforms Site**
**Jamestown, New York**

| Well ID | OW-6 | | |
|---|---|---|---|
| Date | Analyte (µg/L)[1] | | |
| | TCE | DCE (total)[2] | VC |
| March 2008 | 42 | 343 DJ | 76 |
| June 2008 | 11 J | 100 | 310 |
| September 2008 | 14 J | 130 | 330 |
| December 2008 | 230 D | 98 D | 0.8 J |
| March 2009 | 480 | 210 | < 2.5 |
| June 2009 | 94 | 290 | 40 |
| September 2009 | 35 | 300 | 120 |
| December 2009 | 200 | 640 D | 9.8 |
| March 2010 | 59 | 606 | 150 |
| June 2010 | 20 | 420 | 120 |
| October 2010 | 32 | 223 | 220 |
| December 2010 | 190 D | 180 | 1.4 |
| March 2011 | 3.6 | 6.1 | < 1 |
| June 2011 | 15 | 249 | 17 |
| October 2011 | 2.7 | 11.7 | < 1 |
| December 2011 | 610 D | 362 D | < 1 |
| March 2012 | 298 | 314 | 4.3 |
| May 2012 | 66.8 | 414 | 57.5 |
| October 2012 | 9.6 | 93.6 | 100 |
| December 2012 | 13.8 | 85.5 | 57.6 |
| March 2013 | 27.8 | 46 | < 1 |
| June 2013 | 35 | 157 | 87.5 |
| August 2013 | 28.5 | 207.0 | 290 |
| November 2013 | 1 | 2.1 | 1.6 |
| March 2014 | 827 | 544 | < 4 |
| May 2014 | 672 | 358.1 | 1.8 |
| August 2014 | 67 | 450.3 | 47.1 |
| December 2014 | 17.1 | 48.2 | 0.46 J |
| March 2015 | 214 | 283 | < 4 |
| May 2015 | 197 | 5.6 J | 176 |
| August 2015 | 30.6 | 420.3 | 190 |
| May 2016 | 68.1 | 600.2 | 108 |

# FIGURES



**LEGEND**

- Property Line
- Riverbank
- Flow Direction

0 60 120

SCALE IN FEET

PROJECTION: NAD 1983 StatePlane New York West FIPS 3103 Feet

SOURCE: ESRI Online Imagery (June 2010).

INGERSOLL RAND - DC ROLLFORMS SITE
NYSDEC SITE NO. 907019, JAMESTOWN, NEW YORK

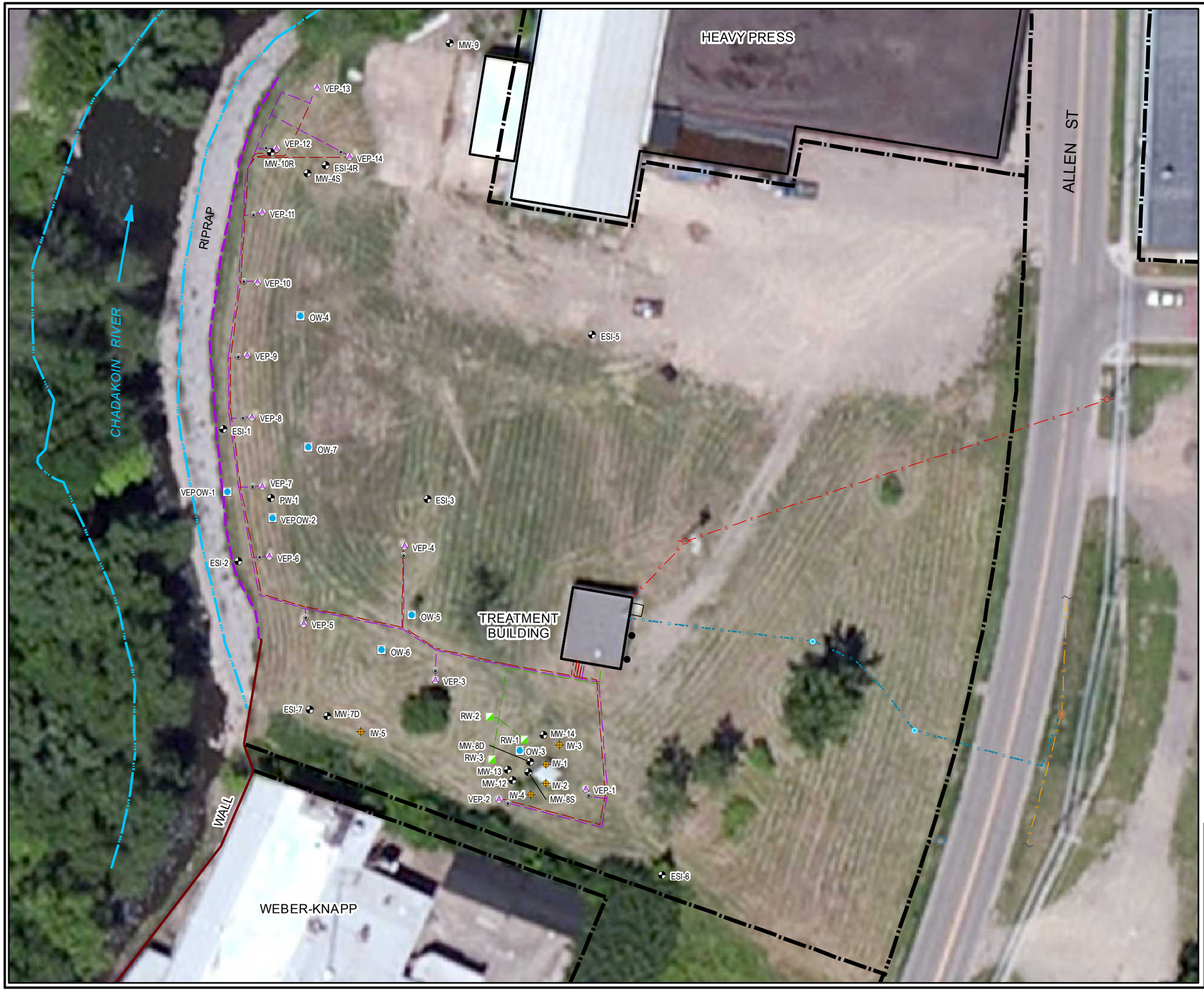
**GROUNDWATER MONITORING REPORT**

**Site Location Map**

ARCADIS Design & Consultancy for natural and built assets

FIGURE
**1**

CITY: (KNOXVILLE) DIV/GROUP:(ENVGIS) PIC:() PM:(M.SANFORD/M.WACKSMAN) TM:(T.CARIGNAN) BY: BALTOM
PROJECT: AY000219.0024 PATH: G:\GIS\DC ROLLFORMS\MAPDOCS\2016\GWMONIF1 DCR_GWMON REG SITE LOC.MXD SAVED: 6/29/2016




**LEGEND**

- Monitoring Well
- Recovery Well (passive)
- Injection Well (inactive)
- Observation Well
- Vacuum Enhanced Pumping Well
- VEP Valve Box
- Property Line
- Interlocking Sheet Pile/Hydraulic Barrier Wall
- High Water Mark
- Bundled Process Line
- Discharge Line
- Recovery Well Piping
- Vacuum Line
- Overhead Electrical/Telecom Line
- Sanitary Sewer Line
- Bollard Pipe
- Effluent Pipe Clean Out
- Fire Hydrant
- Sewer Manhole
- Utility Pole

NOTE: All locations are approximate.

0 40 80

SCALE IN FEET

PROJECTION: NAD 1983 StatePlane New York West FIPS 3103 Feet

SOURCE: ESRI Online Imagery (May 2015).

INGERSOLL RAND - DC ROLLFORMS SITE
NYSDEC SITE NO. 907019, JAMESTOWN, NEW YORK

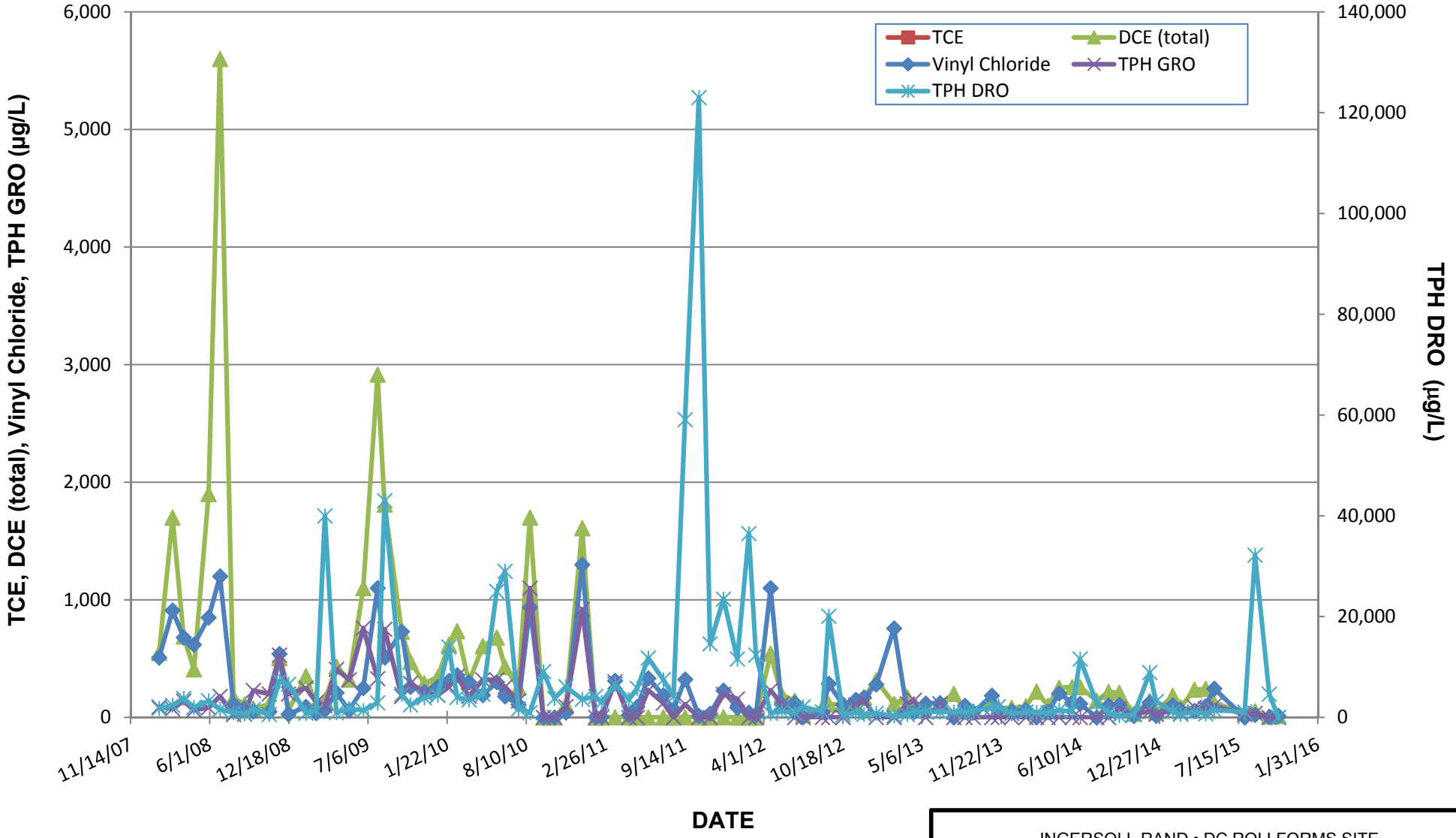
**GROUNDWATER MONITORING REPORT**

**Site Plan/Remedial System Layout**

ARCADIS Design & Consultancy for natural and built assets

FIGURE
**2**

CITY: (KNOXVILLE) DIV/GROUP:(ENV/GIS) PIC:() PM:(M.SANFORD/M.WACKSMAN) TM:(T.CARIGNAN)
PROJECT: AY000219.0024 PATH: G:\GIS\DC ROLLFORMS\MAPDOCS\2016\GWMONF2 DCR_GWMON SITE PLAN.MXD BY: BALTOM SAVED: 6/29/2016



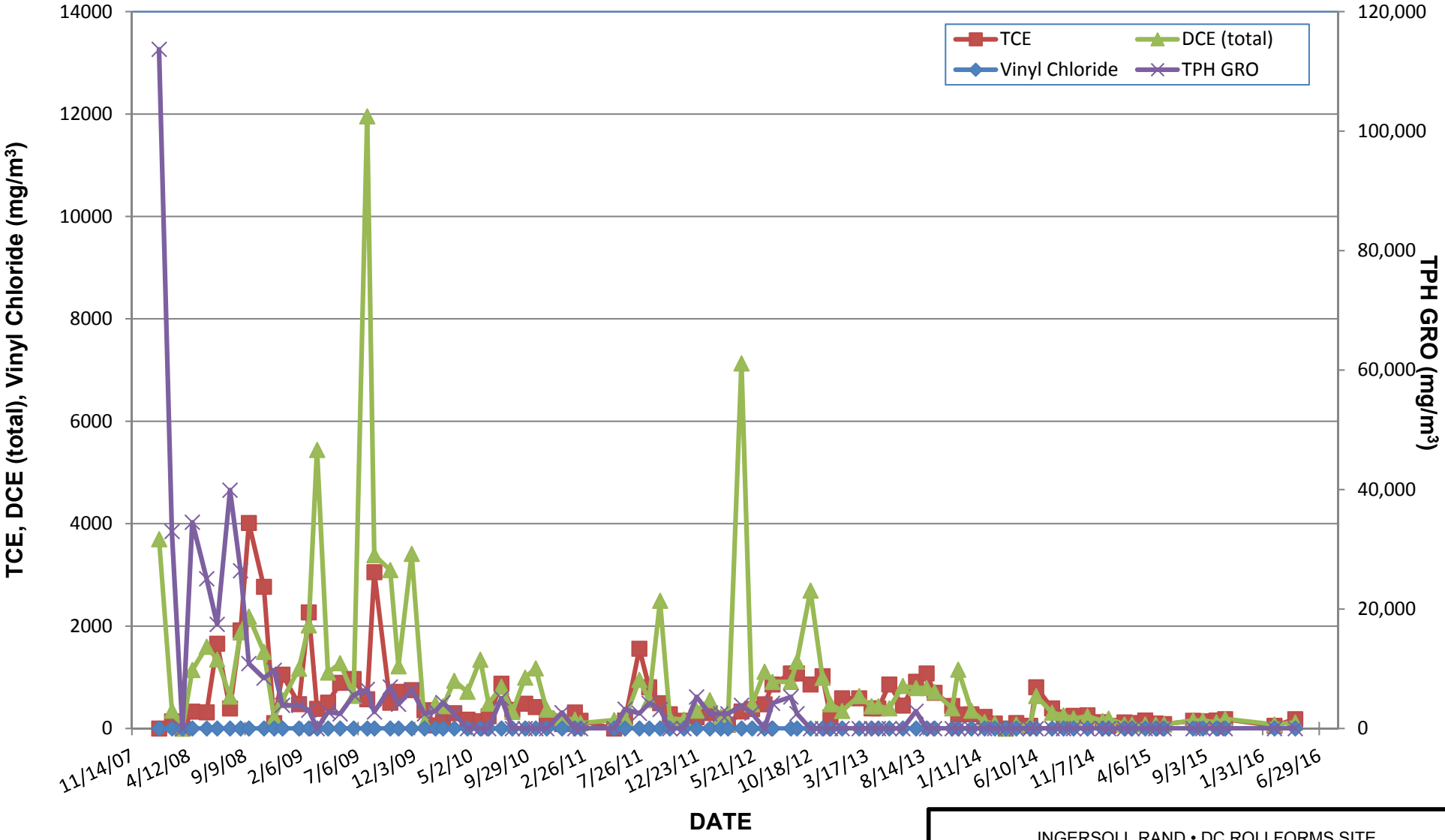

**Abbreviations:**
DCE – Dichloroethene
DRO – Diesel Range Organics
GRO – Gasoline Range Organics
mg/L – milligrams per liter
TCE – Trichloroethene
TPH – Total Petroleum Hydrocarbons
µg/L – micrograms per liter

INGERSOLL RAND • DC ROLLFORMS SITE
JAMESTOWN, NEW YORK
**2015-2016 PERIODIC REVIEW REPORT**

**System Influent Dissolved Phase Concentrations**

ARCADIS Design & Consultancy for natural and built assets

FIGURE
**3**



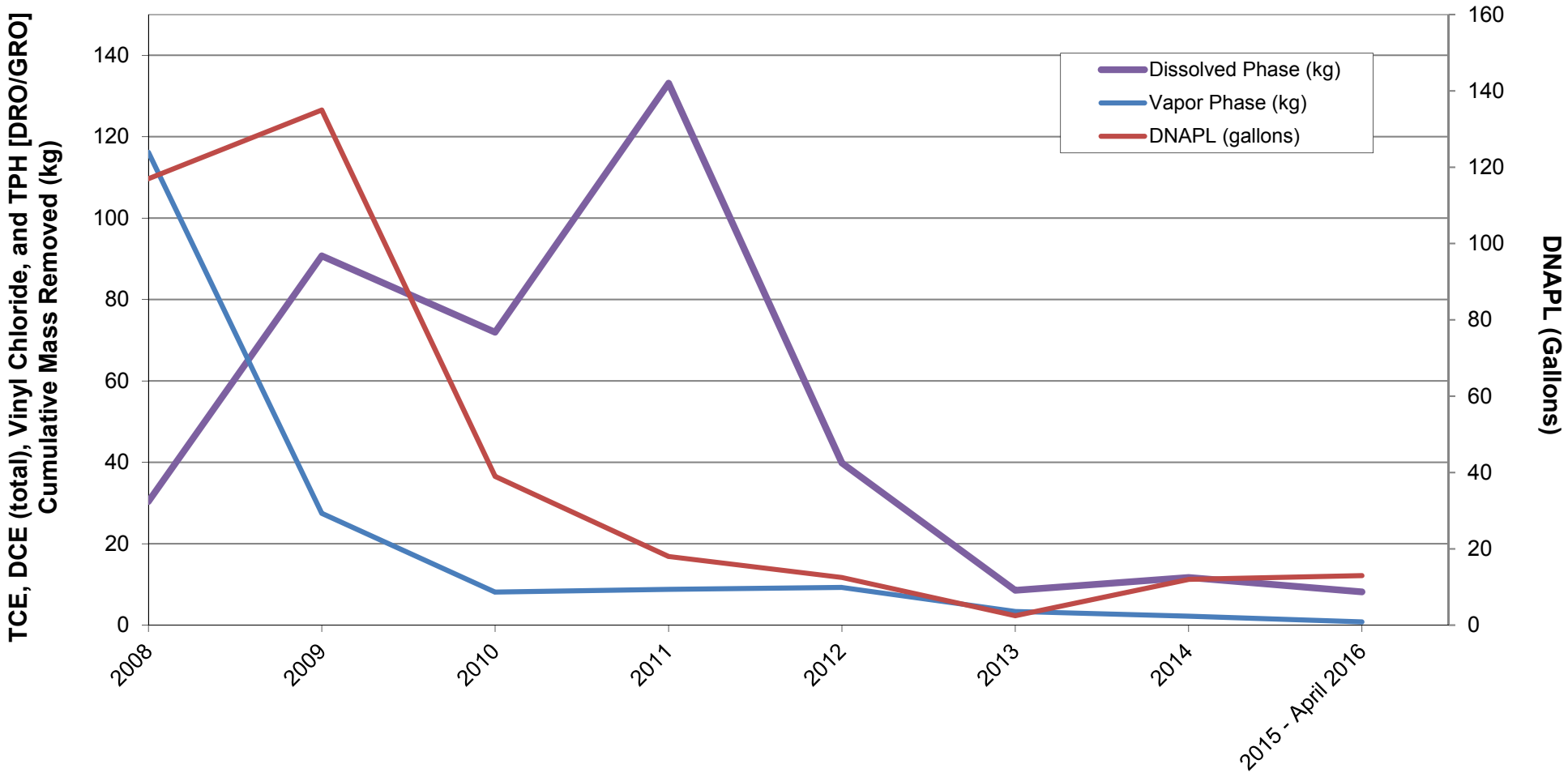

**Abbreviations:**
DCE – Dichloroethene
GRO – Gasoline Range Organics
mg/m$^3$ – milligram per cubic meters
TCE – Trichloroethene
TPH – Total Petroleum Hydrocarbons

INGERSOLL RAND • DC ROLLFORMS SITE
JAMESTOWN, NEW YORK
**2015-2016 PERIODIC REVIEW REPORT**

**System Influent Vapor Phase Concentrations**

ARCADIS Design & Consultancy for natural and built assets

FIGURE
**4**



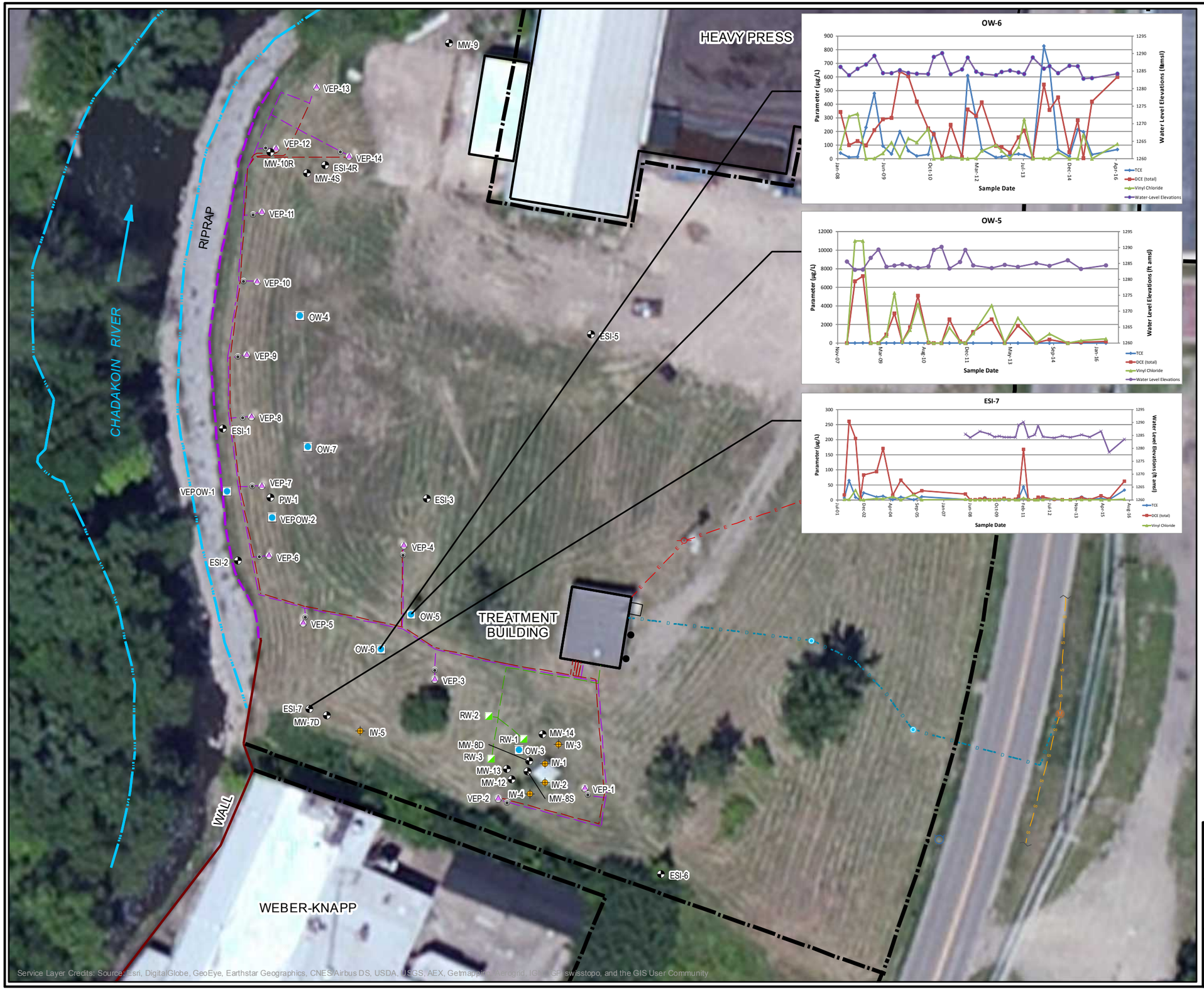

**Notes:**
Dissolved Phase – Includes TCE, DCE, VC, TPH DRO/GRO
Vapor Phase Total – Includes TCE, DCE, VC TPH GRO

INGERSOLL RAND • DC ROLLFORMS SITE
JAMESTOWN, NEW YORK
**2015-2016 PERIODIC REVIEW REPORT**

**Cumulative Mass Recovery through April 2016**

ARCADIS Design & Consultancy for natural and built assets

FIGURE
**5**













## LEGEND

- Monitoring Well
- Recovery Well (passive)
- Injection Well (inactive)
- Observation Well
- Vacuum Enhanced Pumping Well
- VEP Valve Box
- Property Line
- Interlocking Sheet Pile/Hydraulic Barrier Wall
- High Water Mark
- Bundled Process Line
- Discharge Line
- Recovery Well Piping
- Vacuum Line
- Overhead Electrical/Telecom Line
- Sanitary Sewer Line
- Bollard Pipe
- Effluent Pipe Clean Out
- Fire Hydrant
- Sewer Manhole
- Utility Pole

NOTE: All locations are approximate.

0 40 80

SCALE IN FEET

PROJECTION: NAD 1983 StatePlane New York West FIPS 3103 Feet

SOURCE: ESRI Online Imagery (May 2015).

INGERSOLL RAND - DC ROLLFORMS SITE
NYSDEC SITE NO. 907019, JAMESTOWN, NEW YORK

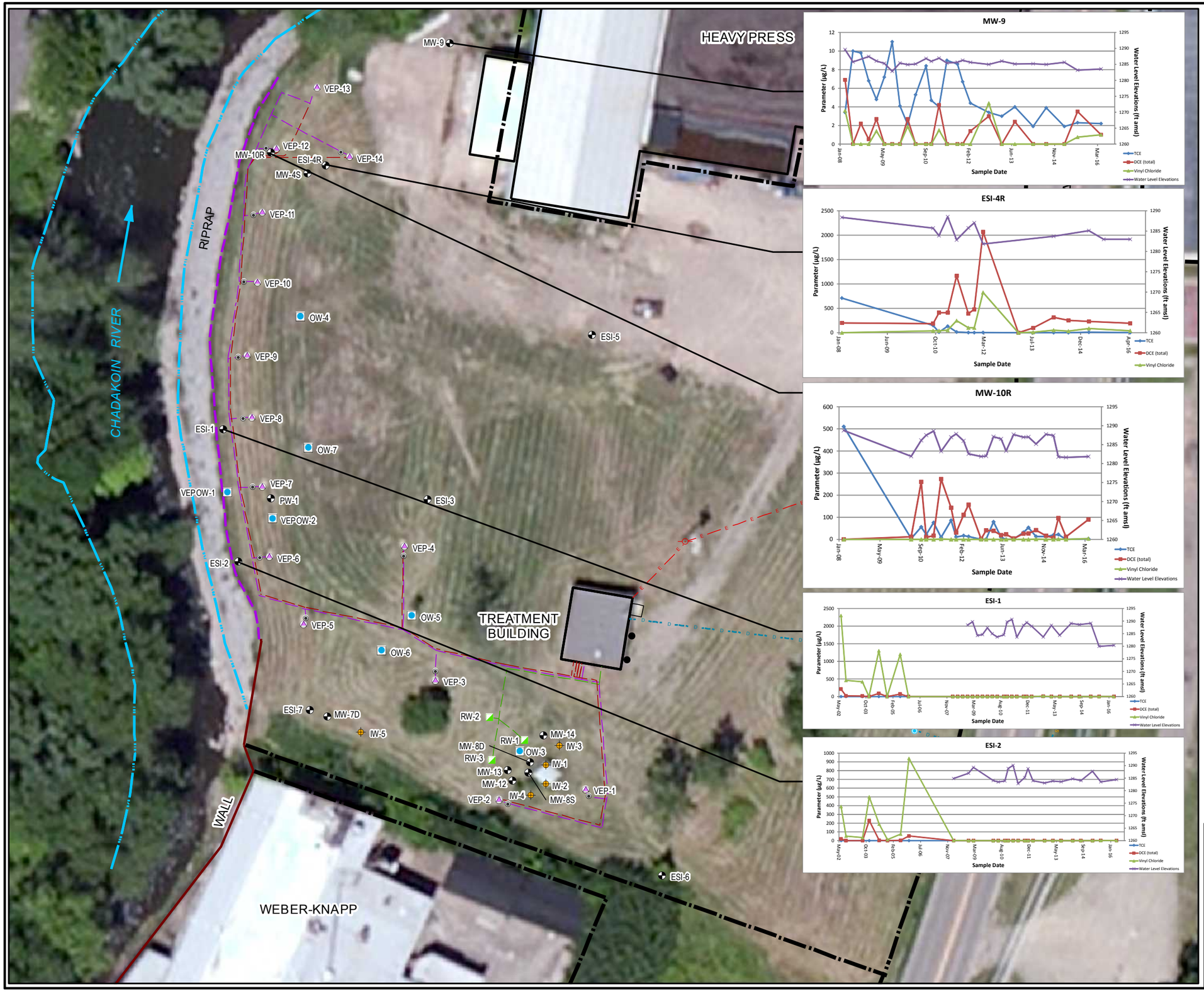
**GROUNDWATER MONITORING REPORT**

**Summary of Groundwater Monitoring Analytical Results**

ARCADIS Design & Consultancy for natural and built assets

FIGURE **6a**

CITY: (KNOXVILLE) DIV/GROUP:(ENV/GIS) PIC:() PM:(M.SANFORD/M.WACKSMAN) TM:(T.CARIGNAN) BY: BALTOM
PROJECT: AY000219.0024 PATH: G:\GIS\DC ROLLFORMS\MAPDOCS\2016\GWMON\F6A DCR_GWMON ANAL.MXD SAVED: 6/30/2016



















## LEGEND

- Monitoring Well
- Recovery Well (passive)
- Injection Well (inactive)
- Observation Well
- Vacuum Enhanced Pumping Well
- VEP Valve Box
- Property Line
- Interlocking Sheet Pile/Hydraulic Barrier Wall
- High Water Mark
- Bundled Process Line
- Discharge Line
- Recovery Well Piping
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- Overhead Electrical/Telecom Line
- Sanitary Sewer Line
- Bollard Pipe
- Effluent Pipe Clean Out
- Fire Hydrant
- Sewer Manhole
- Utility Pole

NOTE: All locations are approximate.

0 40 80

SCALE IN FEET

PROJECTION: NAD 1983 StatePlane New York West FIPS 3103 Feet

SOURCE: ESRI Online Imagery (May 2015).

INGERSOLL RAND - DC ROLLFORMS SITE
NYSDEC SITE NO. 907019, JAMESTOWN, NEW YORK

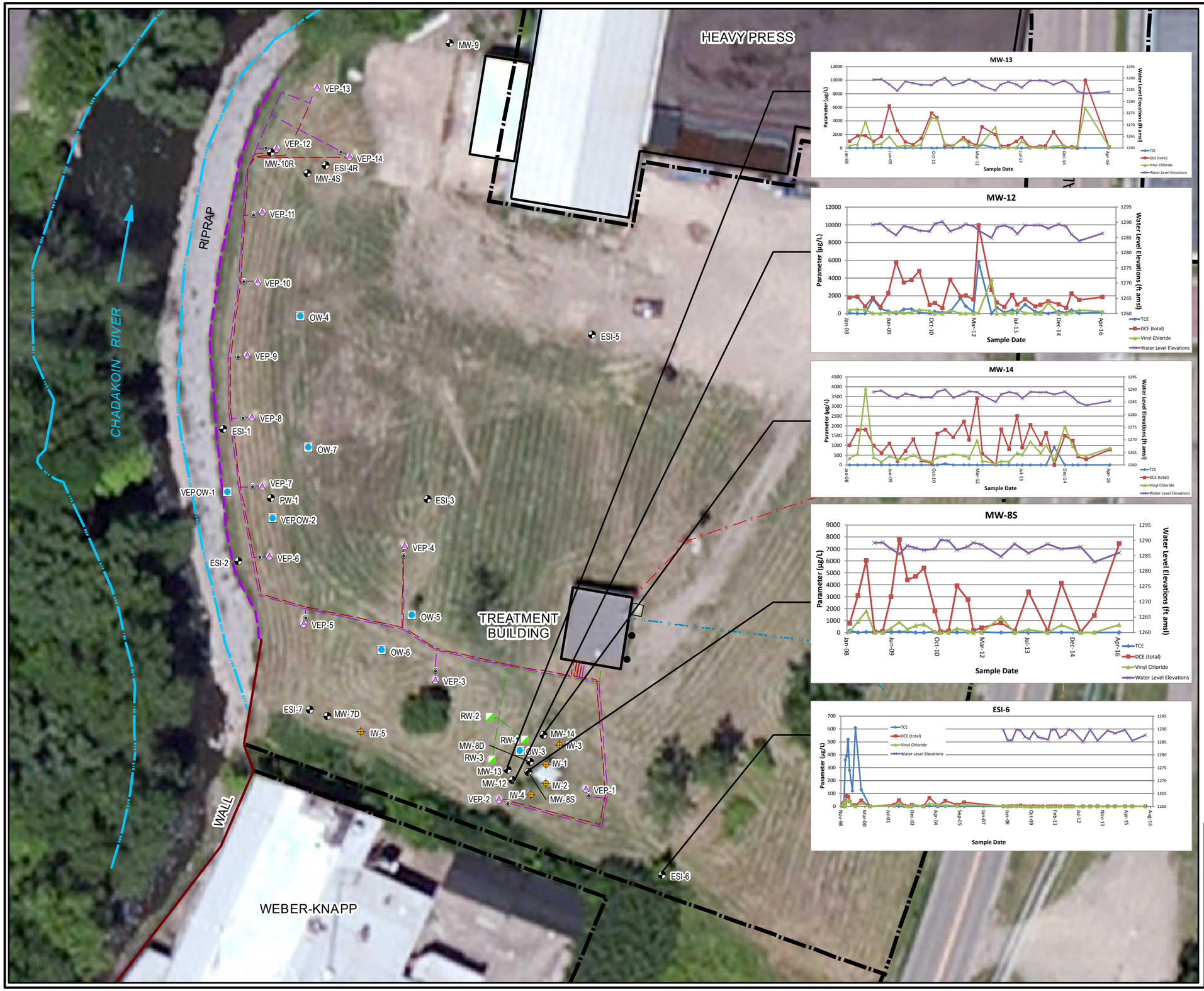
**GROUNDWATER MONITORING REPORT**

**Summary of Groundwater Monitoring Analytical Results**

ARCADIS Design & Consultancy for natural and built assets

FIGURE **6b**

CITY: (KNOXVILLE) DIV/GROUP:(ENV/GIS) PIC:() PM:(M.SANFORD/M.WACKSMAN) TM:(T.CARIGNAN) BY: BALTOM
PROJECT: AY000219.0024 PATH: G:\GIS\DC ROLLFORMS\MAPDOCS\2016\GWMONIF6B DCR_GWMON ANAL.MXD SAVED: 6/28/2016



















## LEGEND

- Monitoring Well
- Recovery Well (passive)
- Injection Well (inactive)
- Observation Well
- Vacuum Enhanced Pumping Well
- VEP Valve Box
- Property Line
- Interlocking Sheet Pile/Hydraulic Barrier Wall
- High Water Mark
- Bundled Process Line
- Discharge Line
- Recovery Well Piping
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- Overhead Electrical/Telecom Line
- Sanitary Sewer Line
- Bollard Pipe
- Effluent Pipe Clean Out
- Fire Hydrant
- Sewer Manhole
- Utility Pole

NOTE: All locations are approximate.

0 40 80

SCALE IN FEET

PROJECTION: NAD 1983 StatePlane New York West FIPS 3103 Feet

SOURCE: ESRI Online Imagery (May 2015).

INGERSOLL RAND - DC ROLLFORMS SITE
NYSDEC SITE NO. 907019, JAMESTOWN, NEW YORK

**GROUNDWATER MONITORING REPORT**

**Summary of Groundwater Monitoring Analytical Results**

ARCADIS Design & Consultancy for natural and built assets

FIGURE **6c**

CITY: (KNOXVILLE) DIV/GROUP:(ENV/GIS) PIC:() PM:M.SANFORD/M.WACKSMAN) TM:(T.CARIGNAN) BY: BAL TOM
PROJECT: AY000219.0024 PATH: G:\GIS\DC ROLLFORMS\MAPDOCS\2016\GWMONIF6C DCR_GWMON ANAL.MXD SAVED: 6/28/2016

# APPENDIX A

## Institutional Control and Engineering Control 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. 907019**

**Site Name D.C. (Dow Craft) Rollforms**

Site Address: 583 Allen Street Zip Code: 14701
City/Town: Jamestown
County: Chautauqua
Site Acreage: 2.4

Reporting Period: June 15, 2015 to June 15, 2016

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

**Box 2**

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

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

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

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

**SITE NO. 907019** **Box 3**

**Description of Institutional Controls**

| Parcel | Owner | Institutional Control |
|---|---|---|
| **307-13-2.2** | ~~Jamestown Allenco, Inc.~~ All Metal Press and Fabrication, Inc. | Site Management Plan<br>Landuse Restriction<br>Ground Water Use Restriction<br>Soil Management Plan |

Deed Restrictions (7/19/2005) Recorded - 11/29/2005:
1. Property use: Commercial or Industrial
2. Prohibition of use of groundwater.

Site Management Plan: Soils Management Plan and Inspections of Cover System, Rip Rap, Plantings, and Erosion.

Groundwater Collection and Treatment System Operation, Maintenance, and Monitoring.

**Box 4**

**Description of Engineering Controls**

| Parcel | Engineering Control |
|---|---|
| **307-13-2.2** | Groundwater Containment<br>Subsurface Barriers<br>Groundwater Treatment System |

**Box 5**

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

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

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

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

| YES | NO |
|---|---|
| X | ☐ |

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 |
|---|---|
| X | ☐ |

**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. 907019**

**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 Todd Carignan (print name) at 855 Route 146, Suite 210, Clifton Park, NY 12065 (print business address),

am certifying as Remedial Party (Owner or Remedial Party)

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

T. Carignan
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

7/13/16
Date

## IC/EC CERTIFICATIONS

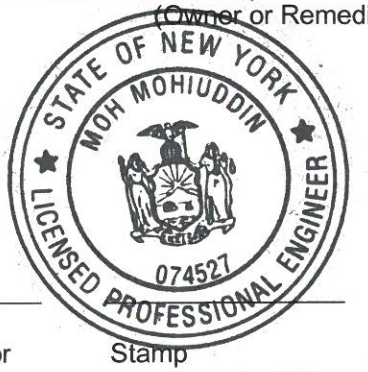
**Box 7**

### Professional Engineer Signature

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

I Moh Mohiuddin (print name) at 105 Fieldcrest Ave, Suite 305, Edison NJ 08837 (print business address),

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




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

Stamp (Required for PE)

07/07/2016

Date

# APPENDIX B

## Laboratory Audit Letter

SGS ACCUTEST

04/19/2016

RE: SGS Accutest Inc. - Marlborough Volatiles Data Internal Review

Dear Sir or Madam,

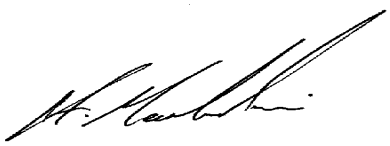
As you are aware, SGS Accutest Inc. - Marlborough has been conducting an extensive investigation of data associated with some historical Gas Chromatography-Mass Spectroscopy volatiles analyses. Based on our comprehensive review of the GC/MS volatiles data reported by the laboratory, within the scope of this investigation, it has been determined that changes were needed in conjunction with some Sample Delivery Groups (SDGs) from your organization. Changes to data may result in target analyte concentration corrections and/or the addition of footnotes to indicate possible biases to the data as reported. Side by side comparisons are included in this report for your ease in determining the effects of the changes on your data.

All sample delivery groups that contained changes or additions are represented in the summary tables.

Rest assured that all needed corrective actions have been put in place to address this matter and prevent a recurrence with any future data reported by the laboratory. We sincerely apologize for the inconvenience that this has caused your organization and appreciate your patience while we worked to resolve this matter. Please don't hesitate to contact us if we can be of further assistance.

For more than a century, SGS has been proud to serve as a global benchmark of reliability, and as one benefit of our acquisition by SGS earlier this year, we have additional resources for quality assurance and a redoubled commitment to assuring total quality that you can depend on. SGS stands firmly behind SGS Accutest and its data and will invest in sharing best practices in laboratory management ensuring the highest levels of quality and delivering the service that it is known for.

Sincerely,



**H. (Brad) Madadian**

Regional Laboratory Director
SGS Accutest Inc. – Marlborough
Phone: 508 481 6200
**Email: bradm@accutest.com**

# Project: DC Rollforms, Allen Street, Jamestown, NY

| Job Number | Receive Date | Field ID | Lab ID | Status |
|---|---|---|---|---|
| MC26356 | 11/16/2013 | OW-6 | MC26356-1 | Changes to Results |
| MC26356 | 11/16/2013 | MW-10R | MC26356-2 | Changes to Results |
| MC26356 | 11/16/2013 | MW-13 | MC26356-3 | Changes to Results |
| MC26356 | 11/16/2013 | MW-14 | MC26356-4 | Changes to Results |
| MC26356 | 11/16/2013 | MW-12 | MC26356-5 | Changes to Results |
| MC26356 | 11/16/2013 | DUP | MC26356-6 | Changes to Results |
| MC32311 | 7/23/2014 | INFLUENT 07212014 | MC32311-1 | Changes to Results |
| MC36698 | 1/31/2015 | TRIP BLANK | MC36698-6 | Changes to Results |

# Result Comparison Report for MC26356

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | OW-6 | MC26356-1 | 11/13/2013 | 13:30 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-6 | MC26356-1 | 11/13/2013 | 13:30 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-6 | MC26356-1 | 11/13/2013 | 13:30 | cis-1,2-Dichloroethene | 2.1 | | 1.0 | 4.1 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | OW-6 | MC26356-1 | 11/13/2013 | 13:30 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-6 | MC26356-1 | 11/13/2013 | 13:30 | Vinyl chloride | 1.6 | | 1.0 | 1.6 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R | MC26356-2 | 11/13/2013 | 13:40 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R | MC26356-2 | 11/13/2013 | 13:40 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R | MC26356-2 | 11/13/2013 | 13:40 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R | MC26356-2 | 11/13/2013 | 13:40 | cis-1,2-Dichloroethene | 2.1 | | 1.0 | 4.1 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
"Inj:" indicates that the footnote applies to all analytes for the injection.

# Result Comparison Report for MC26356

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | MW-10R | MC26356-2 | 11/13/2013 | 13:40 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R | MC26356-2 | 11/13/2013 | 13:40 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R | MC26356-2 | 11/13/2013 | 13:40 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 | MC26356-3 | 11/13/2013 | 14:40 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 | MC26356-3 | 11/13/2013 | 14:40 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 | MC26356-3 | 11/13/2013 | 14:40 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 | MC26356-3 | 11/13/2013 | 14:40 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 | MC26356-3 | 11/13/2013 | 14:40 | cis-1,2-Dichloroethene | 125 | | 1.0 | 112 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 | MC26356-3 | 11/13/2013 | 14:40 | trans-1,2-Dichloroethene | ND | | 1.0 | 1.4 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC26356

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | MW-13 | MC26356-3 | 11/13/2013 | 14:40 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 | MC26356-3 | 11/13/2013 | 14:40 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 | MC26356-3 | 11/13/2013 | 14:40 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 | MC26356-4 | 11/13/2013 | 15:00 | Acetone | ND | | 100 | ND | | 100 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 | MC26356-4 | 11/13/2013 | 15:00 | 2-Butanone (MEK) | ND | | 50 | ND | | 50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 | MC26356-4 | 11/13/2013 | 15:00 | Carbon disulfide | ND | | 50 | ND | | 50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 | MC26356-4 | 11/13/2013 | 15:00 | 1,1-Dichloroethene | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 | MC26356-4 | 11/13/2013 | 15:00 | cis-1,2-Dichloroethene | 2310 | | 10 | 2050 | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 | MC26356-4 | 11/13/2013 | 15:00 | trans-1,2-Dichloroethene | ND | | 10 | 7.2 | J | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

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RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
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# Result Comparison Report for MC26356

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | MW-14 | MC26356-4 | 11/13/2013 | 15:00 | 2-Hexanone | ND | | 50 | ND | | 50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 | MC26356-4 | 11/13/2013 | 15:00 | Methylene chloride | ND | | 20 | ND | | 20 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 | MC26356-4 | 11/13/2013 | 15:00 | 1,1,2,2-Tetrachloroethane | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 | MC26356-5 | 11/13/2013 | 09:30 | Acetone | ND | | 50 | ND | | 50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 | MC26356-5 | 11/13/2013 | 09:30 | 2-Butanone (MEK) | ND | | 25 | ND | | 25 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 | MC26356-5 | 11/13/2013 | 09:30 | Chlorobenzene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 | MC26356-5 | 11/13/2013 | 09:30 | cis-1,2-Dichloroethene | 1810 | | 5.0 | 1610 | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | MW-12 | MC26356-5 | 11/13/2013 | 09:30 | trans-1,2-Dichloroethene | ND | | 5.0 | 7.0 | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | MW-12 | MC26356-5 | 11/13/2013 | 09:30 | 2-Hexanone | ND | | 25 | ND | | 25 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

ND = Not detected
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J = Indicates an estimated value
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Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
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# Result Comparison Report for MC26356

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | MW-12 | MC26356-5 | 11/13/2013 | 09:30 | 1,1,2,2-Tetrachloroethane | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 | MC26356-5 | 11/13/2013 | 09:30 | Vinyl chloride | 58.4 | | 5.0 | 58.4 | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | DUP | MC26356-6 | 11/13/2013 | 13:30 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | DUP | MC26356-6 | 11/13/2013 | 13:30 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | DUP | MC26356-6 | 11/13/2013 | 13:30 | cis-1,2-Dichloroethene | 1.9 | | 1.0 | 3.8 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | DUP | MC26356-6 | 11/13/2013 | 13:30 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | DUP | MC26356-6 | 11/13/2013 | 13:30 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2397-BS | | | 1,1-Dichloroethene | 90 | | 0.67 | 82 | | 0.67 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2397-BS | | | cis-1,2-Dichloroethene | 88 | | 0.54 | 81 | | 0.54 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
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# Result Comparison Report for MC26356

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | BSP | MSP2397-BS | | | trans-1,2-Dichloroethene | 84 | | 0.54 | 82 | | 0.54 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2401-BS | | | 1,1-Dichloroethene | 81 | | 0.67 | 73 | | 0.67 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2401-BS | | | cis-1,2-Dichloroethene | 85 | | 0.54 | 77 | | 0.54 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2401-BS | | | trans-1,2-Dichloroethene | 88 | | 0.54 | 83 | | 0.54 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

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RL = Reporting Limit

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B = Indicates analyte found in associated method blank
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N = Indicates presumptive evidence of a compound

Notes:
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# Result Comparison Report for MC32311

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EPA 624 | INFLUENT 07212014 | MC32311-1 | 07/21/2014 | 14:45 | Benzene | ND | | 0.50 | 0.14 | J | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | INFLUENT 07212014 | MC32311-1 | 07/21/2014 | 14:45 | Chloromethane | ND | | 1.0 | 0.39 | J | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | INFLUENT 07212014 | MC32311-1 | 07/21/2014 | 14:45 | Methylene chloride | ND | | 1.0 | 0.29 | J | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | INFLUENT 07212014 | MC32311-1 | 07/21/2014 | 14:45 | Toluene | ND | | 1.0 | 0.31 | J | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | INFLUENT 07212014 | MC32311-1 | 07/21/2014 | 14:45 | Trichloroethene | 5.0 | | 1.0 | 4.9 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | INFLUENT 07212014 | MC32311-1 | 07/21/2014 | 14:45 | Toluene-D8 (SUR) (SURR) | 80.0 | | | 78.0 | * | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Outside control limits. Target analytes may be biased low. | | | | | | | | | | | |
| EPA 624 | INFLUENT 07212014 | MC32311-1 | 07/21/2014 | 14:45 | 4-Bromofluorobenzene (SUR) (SURR) | 118 | | | 121 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

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N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC36698

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Sample | | | | | Original | | | Corrected | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Client ID | Lab ID | Date | Time | Analyte | Result | Qual | DL* | Result | Qual | DL* | Units |
| EPA 624 | TRIP BLANK | MC36698-6 | 01/29/2015 | 00:00 | 1,2-Dichloroethane-D4 (SUR) (SURR) | 106 | | | 109 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

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MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
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"Inj:" indicates that the footnote applies to all analytes for the injection.

# Project: DC Rollforms, Allen Street, Jamestown, NY

| Job Number | Receive Date | Field ID | Lab ID | Status |
|---|---|---|---|---|
| MC14710 | 10/6/2012 | MW-8S 10042012 | MC14710-10 | No Changes to Results |
| MC14710 | 10/6/2012 | TRIP BLANK | MC14710-14 | No Changes to Results |
| MC14710 | 10/6/2012 | OW-5 10022012 | MC14710-2 | No Changes to Results |
| MC14710 | 10/6/2012 | MW-12 10022012 | MC14710-3 | No Changes to Results |
| MC14710 | 10/6/2012 | ESI-2 10032012 | MC14710-5 | No Changes to Results |
| MC18976 | 3/16/2013 | MW-14 | MC18976-10 | No Changes to Results |
| MC18976 | 3/16/2013 | ESI-2 | MC18976-11 | No Changes to Results |
| MC18976 | 3/16/2013 | ESI-7 | MC18976-12 | No Changes to Results |
| MC18976 | 3/16/2013 | MW-9 | MC18976-13 | No Changes to Results |
| MC18976 | 3/16/2013 | TRIP BLANK | MC18976-14 | No Changes to Results |
| MC18976 | 3/16/2013 | MW-10R | MC18976-4 | No Changes to Results |
| MC18976 | 3/16/2013 | MW-8S | MC18976-5 | No Changes to Results |
| MC18976 | 3/16/2013 | OW-6 | MC18976-6 | No Changes to Results |
| MC18976 | 3/16/2013 | MW-13 | MC18976-7 | No Changes to Results |
| MC18976 | 3/16/2013 | ESI-1 | MC18976-8 | No Changes to Results |
| MC18976 | 3/16/2013 | MW-12 | MC18976-9 | No Changes to Results |
| MC22064 | 6/22/2013 | OW-6 06182013 | MC22064-1 | No Changes to Results |
| MC22064 | 6/22/2013 | MW-10R 06182013 | MC22064-2 | No Changes to Results |
| MC22064 | 6/22/2013 | MW-14 06182013 | MC22064-3 | No Changes to Results |
| MC22064 | 6/22/2013 | MW-12 06182013 | MC22064-4 | No Changes to Results |
| MC22064 | 6/22/2013 | MW-13 06182013 | MC22064-5 | No Changes to Results |
| MC22064 | 6/22/2013 | TRIP BLANK | MC22064-6 | No Changes to Results |
| MC22070 | 6/22/2013 | INFLUENT 06192003 | MC22070-1 | No Changes to Results |
| MC23810 | 8/24/2013 | INFLUENT 08222013 | MC23810-1 | No Changes to Results |
| MC24024 | 8/31/2013 | ESI-6 | MC24024-1 | No Changes to Results |
| MC24024 | 8/31/2013 | ESI-1 | MC24024-10 | No Changes to Results |
| MC24024 | 8/31/2013 | ESI-2 | MC24024-11 | No Changes to Results |
| MC24024 | 8/31/2013 | OW-6 | MC24024-12 | No Changes to Results |
| MC24024 | 8/31/2013 | ESI-7 | MC24024-13 | No Changes to Results |
| MC24024 | 8/31/2013 | TRIP BLANK | MC24024-14 | No Changes to Results |
| MC24024 | 8/31/2013 | DUP | MC24024-15 | No Changes to Results |
| MC24024 | 8/31/2013 | MW-14 | MC24024-2 | No Changes to Results |
| MC24024 | 8/31/2013 | MW-12 | MC24024-3 | No Changes to Results |
| MC24024 | 8/31/2013 | MW-8S | MC24024-4 | No Changes to Results |
| MC24024 | 8/31/2013 | ESI-4R | MC24024-5 | No Changes to Results |
| MC24024 | 8/31/2013 | MW-10R | MC24024-6 | No Changes to Results |
| MC24024 | 8/31/2013 | MW-13 | MC24024-7 | No Changes to Results |
| MC24024 | 8/31/2013 | OW-5 | MC24024-8 | No Changes to Results |
| MC24024 | 8/31/2013 | MW-09 | MC24024-9 | No Changes to Results |

# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-5 10022012 | MC14710-2 | 10/02/2012 | 13:47 | cis-1,2-Dichloroethene | 2550 | | 20 | 2550 | | 20 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | OW-5 10022012 | MC14710-2 | 10/02/2012 | 13:47 | Vinyl chloride | 4060 | | 20 | 4060 | | 20 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | OW-5 10022012 | MC14710-2 | 10/02/2012 | 13:47 | Dibromofluoromethane (SURR) | 109 | | | 109 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | OW-5 10022012 | MC14710-2 | 10/02/2012 | 13:47 | Toluene-D8 (SURR) | 90.0 | | | 90.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | OW-5 10022012 | MC14710-2 | 10/02/2012 | 13:47 | 4-Bromofluorobenzene (SURR) | 95.0 | | | 95.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-12 10022012 | MC14710-3 | 10/02/2012 | 17:25 | Acetone | 8.3 | | 5.0 | 8.3 | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |
| SW846 8260B | MW-12 10022012 | MC14710-3 | 10/02/2012 | 17:25 | cis-1,2-Dichloroethene | 2680 | | 20 | 2680 | | 20 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-12 10022012 | MC14710-3 | 10/02/2012 | 17:25 | Vinyl chloride | 3860 | | 20 | 3860 | | 20 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-12 10022012 | MC14710-3 | 10/02/2012 | 17:25 | Dibromofluoromethane (SURR) | 108 | | | 108 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |

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Notes:
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# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-12 10022012 | MC14710-3 | 10/02/2012 | 17:25 | Toluene-D8 (SURR) | 88.0 | | | 88.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-12 10022012 | MC14710-3 | 10/02/2012 | 17:25 | 4-Bromofluorobenzene (SURR) | 93.0 | | | 93.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Acetone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |

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# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |

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MDL = Method Detection Limit
RL = Reporting Limit

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# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | cis-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
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E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
"Inj:" indicates that the footnote applies to all analytes for the injection.

# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
"Inj:" indicates that the footnote applies to all analytes for the injection.

# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Dibromofluoromethane (SURR) | 129 | | | 129 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | Toluene-D8 (SURR) | 100 | | | 100 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-2 10032012 | MC14710-5 | 10/03/2012 | 10:20 | 4-Bromofluorobenzene (SURR) | 97.0 | | | 97.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Acetone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |

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Notes:
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# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |

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Notes:
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# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |

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Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
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# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Dibromofluoromethane (SURR) | 125 | | | 125 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |

ND = Not detected
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RL = Reporting Limit

J = Indicates an estimated value
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E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC14710

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | Toluene-D8 (SURR) | 99.0 | | | 99.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | MW-8S 10042012 | MC14710-10 | 10/04/2012 | 10:05 | 4-Bromofluorobenzene (SURR) | 94.0 | | | 94.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: 1,1-dichloroethene and chloroform (CCC's) do not meet the reference method acceptance criteria in instrument QC and results may be biased high. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC14710-14 | 10/02/2012 | 00:00 | Acetone | 6.4 | | 5.0 | 6.4 | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |

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E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-10R | MC18976-4 | 03/14/2013 | 08:40 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC18976-4 | 03/14/2013 | 08:40 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC18976-4 | 03/14/2013 | 08:40 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC18976-5 | 03/14/2013 | 09:05 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC18976-5 | 03/14/2013 | 09:05 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC18976-5 | 03/14/2013 | 09:05 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC18976-6 | 03/14/2013 | 10:50 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC18976-6 | 03/14/2013 | 10:50 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC18976-6 | 03/14/2013 | 10:50 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |

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Notes:
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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-13 | MC18976-7 | 03/14/2013 | 10:52 | cis-1,3-Dichloropropene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC18976-7 | 03/14/2013 | 10:52 | 4-Methyl-2-pentanone (MIBK) | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC18976-7 | 03/14/2013 | 10:52 | 1,1,2,2-Tetrachloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |
| SW846 8260B | ESI-1 | MC18976-8 | 03/14/2013 | 13:18 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-1 | MC18976-8 | 03/14/2013 | 13:18 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-1 | MC18976-8 | 03/14/2013 | 13:18 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC18976-9 | 03/14/2013 | 13:25 | cis-1,3-Dichloropropene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC18976-9 | 03/14/2013 | 13:25 | 4-Methyl-2-pentanone (MIBK) | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC18976-9 | 03/14/2013 | 13:25 | 1,1,2,2-Tetrachloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |

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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-14 | MC18976-10 | 03/14/2013 | 14:45 | cis-1,3-Dichloropropene | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC18976-10 | 03/14/2013 | 14:45 | 4-Methyl-2-pentanone (MIBK) | ND | | 25 | ND | | 25 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC18976-10 | 03/14/2013 | 14:45 | 1,1,2,2-Tetrachloroethane | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC18976-11 | 03/14/2013 | 15:00 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC18976-11 | 03/14/2013 | 15:00 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC18976-11 | 03/14/2013 | 15:00 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Spike Blank(second source standard)was used to verify calibration standard accuracy. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Acetone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | cis-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

ND = Not detected
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RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Dibromofluoromethane (SURR) | 99.0 | | | 99.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | Toluene-D8 (SURR) | 100 | | | 100 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC18976-12 | 03/15/2013 | 09:00 | 4-Bromofluorobenzene (SURR) | 111 | | | 111 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Acetone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | cis-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Trichloroethene | 3.0 | | 1.0 | 3.0 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Dibromofluoromethane (SURR) | 99.0 | | | 99.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | Toluene-D8 (SURR) | 99.0 | | | 99.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | MW-9 | MC18976-13 | 03/15/2013 | 09:05 | 4-Bromofluorobenzene (SURR) | 110 | | | 110 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Acetone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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U = Not detected
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E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
"Inj:" indicates that the footnote applies to all analytes for the injection.

# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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RL = Reporting Limit

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B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
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"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | cis-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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N = Indicates presumptive evidence of a compound

Notes:
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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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Notes:
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# Result Comparison Report for MC18976

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Dibromofluoromethane (SURR) | 99.0 | | | 99.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | Toluene-D8 (SURR) | 99.0 | | | 99.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC18976-14 | 03/15/2013 | 00:00 | 4-Bromofluorobenzene (SURR) | 106 | | | 106 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Toluene and 1,1-Dichloroethene (CCC's) do not meet the reference method acceptance criteria in initial calibration and results may be biased. | | | | | | | | | | | |

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Notes:
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# Result Comparison Report for MC22064

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-6 06182013 | MC22064-1 | 06/18/2013 | 14:05 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R 06182013 | MC22064-2 | 06/18/2013 | 14:35 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 06182013 | MC22064-3 | 06/18/2013 | 15:25 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 06182013 | MC22064-4 | 06/18/2013 | 16:40 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 06182013 | MC22064-5 | 06/18/2013 | 16:45 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC22064-6 | 06/18/2013 | 00:00 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

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Notes:
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# Result Comparison Report for MC22070

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Sample Client ID | Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | INFLUENT 06192003 | MC22070-1 | 06/19/2013 | 14:35 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Sample result may be biased high. | | | | | | | | | | | |

ND = Not detected
U = Not detected
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RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
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# Result Comparison Report for MC23810

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EPA 624 | INFLUENT 08222013 | MC23810-1 | 08/22/2013 | 11:30 | cis-1,2-Dichloroethene | 64.2 | | 5.0 | 64.2 | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Laboratory Control Sample outside of control limits. Sample result may be biased high. | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Benzene | 141 | | 0.13 | 142 | | 0.13 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Bromodichloromethane | 120 | | 0.16 | 121 | | 0.16 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Bromomethane | 149 | | 0.43 | 151 | | 0.43 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Carbon tetrachloride | 122 | | 0.27 | 123 | | 0.27 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Chloroethane | 125 | | 0.25 | 127 | | 0.25 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Chloroform | 130 | | 0.13 | 131 | | 0.13 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Chloromethane | 147 | | 0.13 | 148 | | 0.13 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | 1,1-Dichloroethane | 138 | | 0.13 | 139 | | 0.13 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC23810

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EPA 624 | BSP | MSH2067-BS | | | 1,2-Dichloroethane | 119 | | 0.13 | 124 | | 0.13 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | 1,1-Dichloroethene | 139 | | 0.21 | 140 | | 0.21 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | cis-1,2-Dichloroethene | 128 | | 0.13 | 134 | * | 0.13 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Outside control limits. Associated samples may be biased high. | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | trans-1,2-Dichloroethene | 147 | | 0.13 | 149 | | 0.13 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | 1,2-Dichloropropane | 124 | | 0.25 | 125 | | 0.25 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | cis-1,3-Dichloropropene | 125 | | 0.27 | 126 | | 0.27 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | trans-1,3-Dichloropropene | 129 | | 0.25 | 130 | | 0.25 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Methylene chloride | 133 | | 0.19 | 135 | | 0.19 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Toluene | 119 | | 0.13 | 120 | | 0.13 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

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B = Indicates analyte found in associated method blank
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Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC23810

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EPA 624 | BSP | MSH2067-BS | | | 1,1,1-Trichloroethane | 131 | | 0.25 | 132 | | 0.25 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | 1,1,2-Trichloroethane | 123 | | 0.25 | 124 | | 0.25 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Trichloroethene | 129 | | 0.14 | 130 | | 0.14 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| EPA 624 | BSP | MSH2067-BS | | | Vinyl chloride | 103 | | 0.13 | 104 | | 0.13 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

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MDL = Method Detection Limit
RL = Reporting Limit

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B = Indicates analyte found in associated method blank
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Notes:
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-6 | MC24024-1 | 08/28/2013 | 15:35 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-6 | MC24024-1 | 08/28/2013 | 15:35 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Acetone | ND | | 50 | ND | | 50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Benzene | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Bromodichloromethane | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Bromoform | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Bromomethane | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 2-Butanone (MEK) | ND | | 25 | ND | | 25 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Carbon disulfide | ND | | 25 | ND | | 25 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

ND = Not detected
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Carbon tetrachloride | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Chlorobenzene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Chloroethane | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Chloroform | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Chloromethane | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Dibromochloromethane | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 1,1-Dichloroethane | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 1,2-Dichloroethane | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 1,1-Dichloroethene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | cis-1,2-Dichloroethene | 883 | | 5.0 | 883 | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | trans-1,2-Dichloroethene | 5.2 | | 5.0 | 5.2 | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 1,2-Dichloropropane | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | cis-1,3-Dichloropropene | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | trans-1,3-Dichloropropene | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Ethylbenzene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 2-Hexanone | ND | | 25 | ND | | 25 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 4-Methyl-2-pentanone (MIBK) | ND | | 25 | ND | | 25 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Methylene chloride | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Styrene | ND | | 25 | ND | | 25 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 1,1,2,2-Tetrachloroethane | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Tetrachloroethene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Toluene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 1,1,1-Trichloroethane | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 1,1,2-Trichloroethane | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Trichloroethene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Vinyl chloride | 526 | | 5.0 | 526 | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Xylene (total) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Dibromofluoromethane (SURR) | 98.0 | | | 98.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | Toluene-D8 (SURR) | 101 | | | 101 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-14 | MC24024-2 | 08/28/2013 | 15:45 | 4-Bromofluorobenzene (SURR) | 104 | | | 104 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Acetone | ND | | 20 | ND | | 20 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Benzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Bromodichloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Bromoform | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Bromomethane | ND | | 4.0 | ND | | 4.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 2-Butanone (MEK) | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Carbon disulfide | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Carbon tetrachloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Chlorobenzene | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Chloroethane | ND | | 4.0 | ND | | 4.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Chloroform | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Chloromethane | ND | | 4.0 | ND | | 4.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Dibromochloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 1,1-Dichloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 1,2-Dichloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 1,1-Dichloroethene | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | trans-1,2-Dichloroethene | 6.4 | | 2.0 | 6.4 | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 1,2-Dichloropropane | ND | | 4.0 | ND | | 4.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | cis-1,3-Dichloropropene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | trans-1,3-Dichloropropene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Ethylbenzene | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 2-Hexanone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 4-Methyl-2-pentanone (MIBK) | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Methylene chloride | ND | | 4.0 | ND | | 4.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Styrene | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Tetrachloroethene | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Toluene | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 1,1,1-Trichloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 1,1,2-Trichloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Trichloroethene | 198 | | 2.0 | 198 | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Vinyl chloride | 460 | | 2.0 | 460 | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Xylene (total) | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Dibromofluoromethane (SURR) | 98.0 | | | 98.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | Toluene-D8 (SURR) | 100 | | | 100 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-12 | MC24024-3 | 08/28/2013 | 17:35 | 4-Bromofluorobenzene (SURR) | 106 | | | 106 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 1,1-Dichloroethene | 4.0 | | 1.0 | 4.0 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | trans-1,2-Dichloroethene | 76.1 | | 1.0 | 76.1 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Trichloroethene | 1.6 | | 1.0 | 1.6 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Xylene (total) | 1.0 | | 1.0 | 1.0 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Dibromofluoromethane (SURR) | 105 | | | 105 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | Toluene-D8 (SURR) | 102 | | | 102 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-8S | MC24024-4 | 08/28/2013 | 17:50 | 4-Bromofluorobenzene (SURR) | 103 | | | 103 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-4R | MC24024-5 | 08/29/2013 | 09:05 | Acetone | 10.2 | | 10 | 10.2 | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Sample result may be biased high. | | | | | | | | | | | |
| SW846 8260B | ESI-4R | MC24024-5 | 08/29/2013 | 09:05 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-4R | MC24024-5 | 08/29/2013 | 09:05 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | cis-1,2-Dichloroethene | 23.0 | | 1.0 | 23.0 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Dibromofluoromethane (SURR) | 98.0 | | | 98.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | Toluene-D8 (SURR) | 102 | | | 102 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-10R | MC24024-6 | 08/29/2013 | 10:50 | 4-Bromofluorobenzene (SURR) | 101 | | | 101 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
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"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 1,1-Dichloroethene | 1.7 | | 1.0 | 1.7 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | trans-1,2-Dichloroethene | 12.5 | | 1.0 | 12.5 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Toluene | 3.4 | | 1.0 | 3.4 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Dibromofluoromethane (SURR) | 100 | | | 100 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | Toluene-D8 (SURR) | 102 | | | 102 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-13 | MC24024-7 | 08/29/2013 | 11:27 | 4-Bromofluorobenzene (SURR) | 104 | | | 104 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Benzene | 0.88 | | 0.50 | 0.88 | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 1,1-Dichloroethene | 2.4 | | 1.0 | 2.4 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | trans-1,2-Dichloroethene | 6.4 | | 1.0 | 6.4 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Xylene (total) | 2.3 | | 1.0 | 2.3 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Dibromofluoromethane (SURR) | 100 | | | 100 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | Toluene-D8 (SURR) | 101 | | | 101 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-5 | MC24024-8 | 08/29/2013 | 11:55 | 4-Bromofluorobenzene (SURR) | 103 | | | 103 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-09 | MC24024-9 | 08/29/2013 | 14:50 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-09 | MC24024-9 | 08/29/2013 | 14:50 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-09 | MC24024-9 | 08/29/2013 | 14:50 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | MW-09 | MC24024-9 | 08/29/2013 | 14:50 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-1 | MC24024-10 | 08/29/2013 | 14:50 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-1 | MC24024-10 | 08/29/2013 | 14:50 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-1 | MC24024-10 | 08/29/2013 | 14:50 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-1 | MC24024-10 | 08/29/2013 | 14:50 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | cis-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Dibromofluoromethane (SURR) | 95.0 | | | 95.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | Toluene-D8 (SURR) | 102 | | | 102 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-2 | MC24024-11 | 08/29/2013 | 16:05 | 4-Bromofluorobenzene (SURR) | 104 | | | 104 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | cis-1,2-Dichloroethene | 207 | | 1.0 | 207 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Trichloroethene | 28.5 | | 1.0 | 28.5 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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"Inj:" indicates that the footnote applies to all analytes for the injection.

# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Vinyl chloride | 290 | | 1.0 | 290 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Dibromofluoromethane (SURR) | 98.0 | | | 98.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | Toluene-D8 (SURR) | 102 | | | 102 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | OW-6 | MC24024-12 | 08/29/2013 | 17:20 | 4-Bromofluorobenzene (SURR) | 100 | | | 100 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | cis-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

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E = Indicates value exceeds calibration range
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Notes:
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"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Dibromofluoromethane (SURR) | 97.0 | | | 97.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | Toluene-D8 (SURR) | 101 | | | 101 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | ESI-7 | MC24024-13 | 08/29/2013 | 17:30 | 4-Bromofluorobenzene (SURR) | 108 | | | 108 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | cis-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Trichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Dibromofluoromethane (SURR) | 98.0 | | | 98.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | Toluene-D8 (SURR) | 99.0 | | | 99.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | TRIP BLANK | MC24024-14 | 08/22/2013 | 00:00 | 4-Bromofluorobenzene (SURR) | 106 | | | 106 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Benzene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Bromodichloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Bromoform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Bromomethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Carbon disulfide | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Carbon tetrachloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Chloroethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Chloroform | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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N = Indicates presumptive evidence of a compound

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Chloromethane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Dibromochloromethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 1,1-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 1,2-Dichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 1,1-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | cis-1,2-Dichloroethene | 1.7 | | 1.0 | 1.7 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | trans-1,2-Dichloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 1,2-Dichloropropane | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | cis-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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Notes:
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"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | trans-1,3-Dichloropropene | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Ethylbenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 2-Hexanone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Methylene chloride | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Styrene | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Tetrachloroethene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Toluene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 1,1,1-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 1,1,2-Trichloroethane | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Trichloroethene | 4.9 | | 1.0 | 4.9 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Vinyl chloride | 2.6 | | 1.0 | 2.6 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Xylene (total) | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Dibromofluoromethane (SURR) | 98.0 | | | 98.0 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | Toluene-D8 (SURR) | 100 | | | 100 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | DUP | MC24024-15 | 08/28/2013 | 00:00 | 4-Bromofluorobenzene (SURR) | 101 | | | 101 | | | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Inj: Bromoform does not meet the reference method acceptance criteria in instrument QC and results may be biased low. | | | | | | | | | | | |
| SW846 8260B | BSP | MSN2994-BS | | | Chloromethane | 120 | | 1.4 | 131 | * | 1.4 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Outside control limits. Associated samples are non-detect for this compound. | | | | | | | | | | | |

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# Result Comparison Report for MC24024

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Sample | | | | | Original | | | Corrected | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Client ID | Lab ID | Date | Time | Analyte | Result | Qual | DL* | Result | Qual | DL* | Units |
| SW846 8260B | BSP | MSN2995-BS | | | Chloromethane | 152 | * | 1.4 | 167 | * | 1.4 | % |
| **Original Footnote:** | Ana: Outside control limits. Blank Spike meets program technical requirements. | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Outside control limits. Associated samples may be biased high. | | | | | | | | | | | |

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# Result Comparison Report for MC26356

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | TRIP BLANK | MC26356-7 | 11/06/2013 | 00:00 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | TRIP BLANK | MC26356-7 | 11/06/2013 | 00:00 | Chlorobenzene | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | TRIP BLANK | MC26356-7 | 11/06/2013 | 00:00 | 1,1,2,2-Tetrachloroethane | ND | | 0.50 | ND | | 0.50 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | TRIP BLANK | MC26356-7 | 11/06/2013 | 00:00 | Vinyl chloride | ND | | 1.0 | ND | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2397-BS | | | 1,1-Dichloroethene | 90 | | 0.67 | 82 | | 0.67 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2397-BS | | | cis-1,2-Dichloroethene | 88 | | 0.54 | 81 | | 0.54 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2397-BS | | | trans-1,2-Dichloroethene | 84 | | 0.54 | 82 | | 0.54 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2401-BS | | | 1,1-Dichloroethene | 81 | | 0.67 | 73 | | 0.67 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | BSP | MSP2401-BS | | | cis-1,2-Dichloroethene | 85 | | 0.54 | 77 | | 0.54 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

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Notes:
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# Result Comparison Report for MC26356

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | BSP | MSP2401-BS | | | trans-1,2-Dichloroethene | 88 | | 0.54 | 83 | | 0.54 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

ND = Not detected
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MDL = Method Detection Limit
RL = Reporting Limit

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B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
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# Result Comparison Report for MC29137

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | MW-8S 03192014 | MC29137-4 | 03/19/2014 | 11:55 | cis-1,2-Dichloroethene | 133 | | 1.0 | 133 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-8S 03192014 | MC29137-4 | 03/19/2014 | 11:55 | trans-1,2-Dichloroethene | 1.1 | | 1.0 | 1.1 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 03192014 | MC29137-7 | 03/19/2014 | 15:35 | cis-1,2-Dichloroethene | 275 | | 1.0 | 275 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 03192014 | MC29137-7 | 03/19/2014 | 15:35 | trans-1,2-Dichloroethene | 2.6 | | 1.0 | 2.6 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-6 03182014 | MC29137-12 | 03/18/2014 | 16:25 | cis-1,2-Dichloroethene | 544 | | 4.0 | 544 | | 4.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-6 03182014 | MC29137-12 | 03/18/2014 | 16:25 | trans-1,2-Dichloroethene | ND | | 4.0 | ND | | 4.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

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U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC30768

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | OW-6 05192014 | MC30768-1 | 05/19/2014 | 15:35 | Vinyl chloride | 1.8 | | 1.0 | 1.8 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased high. | | | | | | | | | | | |
| SW846 8260C | MW-13 05192014 | MC30768-4 | 05/19/2014 | 17:05 | Vinyl chloride | 18.1 | | 1.0 | 18.1 | | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration Verification outside of acceptance criteria. Sample result may be biased high. | | | | | | | | | | | |

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Notes:
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# Result Comparison Report for MC33097

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | OW-5 08182014 | MC33097-1 | 08/18/2014 | 14:55 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-5 08182014 | MC33097-1 | 08/18/2014 | 14:55 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-5 08182014 | MC33097-1 | 08/18/2014 | 14:55 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-5 08182014 | MC33097-1 | 08/18/2014 | 14:55 | trans-1,2-Dichloroethene | 0.68 | J | 0.51 | 0.68 | J | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-5 08182014 | MC33097-1 | 08/18/2014 | 14:55 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-1 08182014 | MC33097-2 | 08/18/2014 | 15:30 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-1 08182014 | MC33097-2 | 08/18/2014 | 15:30 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-1 08182014 | MC33097-2 | 08/18/2014 | 15:30 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-1 08182014 | MC33097-2 | 08/18/2014 | 15:30 | trans-1,2-Dichloroethene | ND | | 0.51 | ND | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC33097

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | ESI-1 08182014 | MC33097-2 | 08/18/2014 | 15:30 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-7 08182014 | MC33097-3 | 08/18/2014 | 16:05 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-7 08182014 | MC33097-3 | 08/18/2014 | 16:05 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-7 08182014 | MC33097-3 | 08/18/2014 | 16:05 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-7 08182014 | MC33097-3 | 08/18/2014 | 16:05 | trans-1,2-Dichloroethene | ND | | 0.51 | ND | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-7 08182014 | MC33097-3 | 08/18/2014 | 16:05 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-6 08192014 | MC33097-4 | 08/19/2014 | 08:00 | Acetone | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-6 08192014 | MC33097-4 | 08/19/2014 | 08:00 | 2-Butanone (MEK) | ND | | 5.0 | ND | | 5.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-6 08192014 | MC33097-4 | 08/19/2014 | 08:00 | 1,1-Dichloroethene | ND | | 1.2 | ND | | 1.2 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC33097

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | OW-6 08192014 | MC33097-4 | 08/19/2014 | 08:00 | trans-1,2-Dichloroethene | 1.3 | J | 1.0 | 1.3 | J | 1.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | OW-6 08192014 | MC33097-4 | 08/19/2014 | 08:00 | 2-Hexanone | ND | | 3.2 | ND | | 3.2 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-4R 08192014 | MC33097-5 | 08/19/2014 | 08:40 | Acetone | 3.2 | J | 2.5 | 3.2 | J | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-4R 08192014 | MC33097-5 | 08/19/2014 | 08:40 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-4R 08192014 | MC33097-5 | 08/19/2014 | 08:40 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-4R 08192014 | MC33097-5 | 08/19/2014 | 08:40 | trans-1,2-Dichloroethene | 1.5 | | 0.51 | 1.5 | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-4R 08192014 | MC33097-5 | 08/19/2014 | 08:40 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-6 08192014 | MC33097-6 | 08/19/2014 | 09:05 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-6 08192014 | MC33097-6 | 08/19/2014 | 09:05 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC33097

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | ESI-6 08192014 | MC33097-6 | 08/19/2014 | 09:05 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-6 08192014 | MC33097-6 | 08/19/2014 | 09:05 | trans-1,2-Dichloroethene | ND | | 0.51 | ND | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-6 08192014 | MC33097-6 | 08/19/2014 | 09:05 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R 08192014 | MC33097-7 | 08/19/2014 | 10:20 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R 08192014 | MC33097-7 | 08/19/2014 | 10:20 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R 08192014 | MC33097-7 | 08/19/2014 | 10:20 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R 08192014 | MC33097-7 | 08/19/2014 | 10:20 | trans-1,2-Dichloroethene | ND | | 0.51 | ND | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-10R 08192014 | MC33097-7 | 08/19/2014 | 10:20 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-9 08192014 | MC33097-8 | 08/19/2014 | 12:00 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC33097

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | MW-9 08192014 | MC33097-8 | 08/19/2014 | 12:00 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-9 08192014 | MC33097-8 | 08/19/2014 | 12:00 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-9 08192014 | MC33097-8 | 08/19/2014 | 12:00 | trans-1,2-Dichloroethene | ND | | 0.51 | ND | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-9 08192014 | MC33097-8 | 08/19/2014 | 12:00 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 08192014 | MC33097-9 | 08/19/2014 | 11:40 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 08192014 | MC33097-9 | 08/19/2014 | 11:40 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 08192014 | MC33097-9 | 08/19/2014 | 11:40 | 1,1-Dichloroethene | 2.5 | | 0.61 | 2.5 | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 08192014 | MC33097-9 | 08/19/2014 | 11:40 | trans-1,2-Dichloroethene | 22.5 | | 0.51 | 22.5 | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 08192014 | MC33097-9 | 08/19/2014 | 11:40 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

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# Result Comparison Report for MC33097

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | ESI-2 08192014 | MC33097-10 | 08/19/2014 | 14:10 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-2 08192014 | MC33097-10 | 08/19/2014 | 14:10 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-2 08192014 | MC33097-10 | 08/19/2014 | 14:10 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-2 08192014 | MC33097-10 | 08/19/2014 | 14:10 | trans-1,2-Dichloroethene | ND | | 0.51 | ND | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ESI-2 08192014 | MC33097-10 | 08/19/2014 | 14:10 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 08192014 | MC33097-11 | 08/19/2014 | 15:30 | Acetone | ND | | 13 | ND | | 13 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 08192014 | MC33097-11 | 08/19/2014 | 15:30 | 2-Butanone (MEK) | ND | | 13 | ND | | 13 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 08192014 | MC33097-11 | 08/19/2014 | 15:30 | 1,1-Dichloroethene | 3.1 | J | 3.0 | 3.1 | J | 3.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 08192014 | MC33097-11 | 08/19/2014 | 15:30 | trans-1,2-Dichloroethene | 12.9 | | 2.5 | 12.9 | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
"Inj:" indicates that the footnote applies to all analytes for the injection.

# Result Comparison Report for MC33097

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | MW-14 08192014 | MC33097-11 | 08/19/2014 | 15:30 | 2-Hexanone | ND | | 8.0 | ND | | 8.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 08192014 | MC33097-12 | 08/19/2014 | 14:35 | Acetone | ND | | 13 | ND | | 13 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 08192014 | MC33097-12 | 08/19/2014 | 14:35 | 2-Butanone (MEK) | ND | | 13 | ND | | 13 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 08192014 | MC33097-12 | 08/19/2014 | 14:35 | 1,1-Dichloroethene | ND | | 3.0 | ND | | 3.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 08192014 | MC33097-12 | 08/19/2014 | 14:35 | trans-1,2-Dichloroethene | 7.3 | | 2.5 | 7.3 | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 08192014 | MC33097-12 | 08/19/2014 | 14:35 | 2-Hexanone | ND | | 8.0 | ND | | 8.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-8S 08192014 | MC33097-13 | 08/19/2014 | 10:40 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-8S 08192014 | MC33097-13 | 08/19/2014 | 10:40 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-8S 08192014 | MC33097-13 | 08/19/2014 | 10:40 | 1,1-Dichloroethene | 5.7 | | 0.61 | 5.7 | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

ND = Not detected
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MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC33097

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | MW-8S 08192014 | MC33097-13 | 08/19/2014 | 10:40 | trans-1,2-Dichloroethene | 71.2 | | 0.51 | 71.2 | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-8S 08192014 | MC33097-13 | 08/19/2014 | 10:40 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | DUP-1 | MC33097-14 | 08/19/2014 | 00:00 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | DUP-1 | MC33097-14 | 08/19/2014 | 00:00 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | DUP-1 | MC33097-14 | 08/19/2014 | 00:00 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | DUP-1 | MC33097-14 | 08/19/2014 | 00:00 | trans-1,2-Dichloroethene | ND | | 0.51 | ND | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | DUP-1 | MC33097-14 | 08/19/2014 | 00:00 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ARCADIS TRIP BLANK | MC33097-15 | 08/19/2014 | 00:00 | Acetone | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ARCADIS TRIP BLANK | MC33097-15 | 08/19/2014 | 00:00 | 2-Butanone (MEK) | ND | | 2.5 | ND | | 2.5 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
"Inj:" indicates that the footnote applies to all analytes for the injection.

# Result Comparison Report for MC33097

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Sample Lab ID | Date | Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | ARCADIS TRIP BLANK | MC33097-15 | 08/19/2014 | 00:00 | 1,1-Dichloroethene | ND | | 0.61 | ND | | 0.61 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ARCADIS TRIP BLANK | MC33097-15 | 08/19/2014 | 00:00 | trans-1,2-Dichloroethene | ND | | 0.51 | ND | | 0.51 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | ARCADIS TRIP BLANK | MC33097-15 | 08/19/2014 | 00:00 | 2-Hexanone | ND | | 1.6 | ND | | 1.6 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
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# Result Comparison Report for MC35529

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Sample | | | | | Original | | | Corrected | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Client ID | Lab ID | Date | Time | Analyte | Result | Qual | DL* | Result | Qual | DL* | Units |
| EPA 624 | INFLUENT 20141202 | MC35529-1 | 12/02/2014 | 12:00 | Chloroethane | 0.64 | J | 0.39 | 0.64 | J | 0.39 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Initial Calibration Verification outside of acceptance criteria. Sample result may be biased high. | | | | | | | | | | | |

ND = Not detected
U = Not detected
MDL = Method Detection Limit
RL = Reporting Limit

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
"Inj:" indicates that the footnote applies to all analytes for the injection.

# Result Comparison Report for MC37605

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Client ID | Lab ID | Sample Date | Sample Time | Analyte | Original Result | Original Qual | Original DL* | Corrected Result | Corrected Qual | Corrected DL* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW846 8260C | ES1-2 03242015 | MC37605-1 | 03/24/2015 | 09:50 | Acetone | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 03242015 | MC37605-2 | 03/24/2015 | 10:55 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-14 03242015 | MC37605-2 | 03/24/2015 | 10:55 | 2-Butanone (MEK) | ND | | 15 | ND | | 15 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-9 03242015 | MC37605-3 | 03/24/2015 | 08:50 | Acetone | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 03242015 | MC37605-4 | 03/24/2015 | 08:30 | Acetone | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-13 03242015 | MC37605-4 | 03/24/2015 | 08:30 | 2-Butanone (MEK) | ND | | 3.0 | ND | | 3.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-12 03242015 | MC37605-5 | 03/24/2015 | 09:55 | Acetone | ND | | 10 | ND | | 10 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-8S 03242015 | MC37605-6 | 03/24/2015 | 11:10 | Acetone | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MW-8S 03242015 | MC37605-6 | 03/24/2015 | 11:10 | 2-Butanone (MEK) | ND | | 3.0 | ND | | 3.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |

ND = Not detected
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MDL = Method Detection Limit
RL = Reporting Limit

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B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range
N = Indicates presumptive evidence of a compound

Notes:
*DL will be the MDL if results are reported to MDL or RL if the results are reported to the RL.
"Ana:" indicates that the footnote is for that analyte only.
"Inj:" indicates that the footnote applies to all analytes for the injection.

# Result Comparison Report for MC37605

## Project: DC Rollforms, Allen Street, Jamestown, NY

| Method | Sample | | | | | Original | | | Corrected | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Client ID | Lab ID | Date | Time | Analyte | Result | Qual | DL* | Result | Qual | DL* | Units |
| SW846 8260C | MW-10R 03232015 | MC37605-7 | 03/23/2015 | 16:10 | Acetone | ND | | 2.0 | ND | | 2.0 | ug/l |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | Ana: Continuing Calibration outside of acceptance criteria. Sample result may be biased low. | | | | | | | | | | | |
| SW846 8260C | MS | MC37464-1MS | | | Acetone | 89 | | 10 | 57 | | 10 | % |
| **Original Footnote:** | | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |
| SW846 8260C | MSD | MC37464-1MSD | | | Acetone | 49 | * | 10 | 12 | | 10 | % |
| **Original Footnote:** | Ana: High RPD due to possible matrix interference and/or sample non-homogeneity. | | | | | | | | | | | |
| **Corrected Footnote:** | | | | | | | | | | | | |

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N = Indicates presumptive evidence of a compound

Notes:
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"Ana:" indicates that the footnote is for that analyte only.
"Inj:" indicates that the footnote applies to all analytes for the injection.

# APPENDIX C

## Waste Manifests

SR# 1048801 CWM1

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator ID Number: NYD002123727
2. Page 1 of: 1
3. Emergency Response Phone: (800)424-9300
4. Manifest Tracking Number: 002732836 GBF

**GENERATOR**

5. Generator's Name and Mailing Address:
INGERSOLL RAND/FORMER ARO CORP
900 E. BEATY ST. attn: Michael Goldstein
DAVIDSON NC 28036
Generator's Phone: (704)990-3250

Generator's Site Address (if different than mailing address):
INGERSOLL RAND CO
583 ALLEN ST
JAMESTOWN NY 14701-3948

6. Transporter 1 Company Name: NATURES WAY ENVIRONMENTAL
U.S. EPA ID Number: NYD0[illegible]93424

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836879

| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
|---|---|---|---|---|---|---|
| X | 1. RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., 9, III, (D043) NY298118 | 1 | DM | 25 | G | D043 B |
| X | 2. RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., 9, III, (D043, PHENOL), RQ: VINYL CHLORIDE NY300586 | 1 | DM | 100 | P | D043 B |
| | 3. | | | | | |
| | 4. | | | | | |

14. Special Handling Instructions and Additional Information
1 NY298118 - CHLORINATED DNAPL
2 NY300586 - SEPARATOR CLEANOUT
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract CCN24117

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ethan Allen on Behalf of Ingersoll Rand
Signature:
Month: 05 Day: 05 Year: 15

**INT'L**

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RICHARD BROWN / NWEC+C INC.
Signature: ROB
Month: 05 Day: 05 Year: 15

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

**DESIGNATED FACILITY**

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

| 1. | 2. | 3. | 4. |
|---|---|---|---|
| H141 | H141 | | |

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

SR# 1048801 CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

**NON-HAZARDOUS WASTE MANIFEST**

| 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number |
|---|---|---|---|
| NYD002123727 | 1 | (800)424-9300 | WMNH 00022891 |

**GENERATOR**

5. Generator's Name and Mailing Address
INGERSOLL RAND/FORMER ARO CORP
800 E. BEATY ST attn: Michael Goldstein
DAVIDSON NC 28036
Generator's Phone: (704)990-3250

Generator's Site Address (if different than mailing address)
INGERSOLL RAND CO
583 ALLEN ST
JAMESTOWN NY 14701-3948

6. Transporter 1 Company Name: NATURES WAY ENVIRONMENTAL — U.S. EPA ID Number: NYD013493424

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | |
|---|---|---|---|---|---|---|
| | 1. NON DOT REGULATED MATERIAL NY300473 | 2 | DM | 250 | P | |
| | 2. | | | | | |
| | 3. | | | | | |
| | 4. | | | | | |

13. Special Handling Instructions and Additional Information
1. NY300473 - NON HAZ REMEDIATION FILTERS

14. **GENERATOR'S CERTIFICATION:** 'I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.' I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Alan Ulm on Behalf of Ingersoll Rand — Signature — Month 05 Day 05 Year 15

**INT'L**

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RICHARD BROWN / NWEC&C, Inc. — Signature — Month 05 Day 05 Year 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

**DESIGNATED FACILITY**

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

GENERATOR'S/SHIPPER'S INITIAL COPY

# APPENDIX D

## Site Cover and Riverbank Inspection Checklists

## Site Cover and Riverbank Inspection Checklist

**DC Rollforms Site, Jamestown, New York**

Section 1: General Information

| | |
|---|---|
| Figure Reference: | Weather: 40° rain / overcast |
| Date / Time Monitoring Performed: | |

| | | | |
|---|---|---|---|
| Cover material(s) | □ Soil | X Vegetated Topsoil | X Rip Rap Stone |

Section II. Observations

| Observation | Yes | No | N/A | Provide Comments As Necessary (use additional space below if needed) |
|---|---|---|---|---|
| **Erosion and Sedimentation Controls** | | | | |
| Are erosion and sedimentation (E&S) controls present? If yes: | Y | | | |
| Are they functioning as intended? | Y | | | |
| Are they still required (i.e., has a healthy stand of vegetation been established)? | | | | |
| **Vegetated Topsoil Isolation Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Is vegetation effectively covering the intended area? Provide percent growth for seeded areas. | Y | | | |
| Is there any sign of distressed vegetation? | | | X | |
| Do any areas require seeding? | | X | | |
| Photograph Numbers (if applicable) | | | | |
| **Rip Rap Stone Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Photograph Numbers (if applicable) | | | | |
| **Wing Wall Deflector** | | | | |
| Are there areas of scour? | | N | | |
| Is 30" dia. Rip Rap in place? | | N | | |
| Photograph Numbers (if applicable) | | | | |
| **Riverbank Plantings** | | | | |
| Are the live stake cuttings thriving? | Y | | | |
| Photograph Numbers | | | | |
| **Chadakoin River (USGS 03014500, Falconer, NY)** | | | | |
| Discharge, Cubic Feet Per Second? | 580 cfs | | | |
| Gage Height, Feet? | NO gauge available | | | |

Other Observations: Describe any other relevant observations noted during this monitoring period.

| | | |
|---|---|---|
| Performed by: E. Ulm | Signature: E. Ulm | Date: 3/25/15 |

## Site Cover and Riverbank Inspection Checklist

**DC Rollforms Site, Jamestown, New York**

Section 1: General Information

| | |
|---|---|
| Figure Reference: | Weather: 50-60°F / sun |
| Date / Time Monitoring Performed: 5/14/15 1200 | |

| | | | |
|---|---|---|---|
| Cover material(s) | □ Soil | X Vegetated Topsoil | X Rip Rap Stone |

Section II. Observations

| Observation | Yes | No | N/A | Provide Comments As Necessary (use additional space below if needed) |
|---|---|---|---|---|
| **Erosion and Sedimentation Controls** | | | | |
| Are erosion and sedimentation (E&S) controls present? If yes: | Y | | | |
| Are they functioning as intended? | Y | | | |
| Are they still required (i.e., has a healthy stand of vegetation been established)? | | | | |
| **Vegetated Topsoil Isolation Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Is vegetation effectively covering the intended area? Provide percent growth for seeded areas. | Y | | | |
| Is there any sign of distressed vegetation? | | | X | |
| Do any areas require seeding? | | X | | |
| Photograph Numbers (if applicable) | | | | |
| **Rip Rap Stone Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Photograph Numbers (if applicable) | | | | |
| **Wing Wall Deflector** | | | | |
| Are there areas of scour? | | N | | |
| Is 30" dia. Rip Rap in place? | Y | N/A | | |
| Photograph Numbers (if applicable) | | | | |
| **Riverbank Plantings** | | | | |
| Are the live stake cuttings thriving? | Y | | | |
| Photograph Numbers | | | | |
| **Chadakoin River (USGS 03014500, Falconer, NY)** | | | | |
| Discharge, Cubic Feet Per Second? | 289 cfs | | | |
| Gage Height, Feet? | 1.3 ft | | | |

Other Observations: Describe any other relevant observations noted during this monitoring period.

| | | |
|---|---|---|
| Performed by: E. Ulm | Signature: E. Ulm | Date: 5/14/15 |

## Site Cover and Riverbank Inspection Checklist

**DC Rollforms Site, Jamestown, New York**

Section 1: General Information

| | |
|---|---|
| Figure Reference: | Weather: 75-80°F/sun |
| Date / Time Monitoring Performed: 7/30/15 1100 | |

| | | | |
|---|---|---|---|
| Cover material(s) | □ Soil | X Vegetated Topsoil | X Rip Rap Stone |

Section II. Observations

| Observation | Yes | No | N/A | Provide Comments As Necessary (use additional space below if needed) |
|---|---|---|---|---|
| **Erosion and Sedimentation Controls** | | | | |
| Are erosion and sedimentation (E&S) controls present? If yes: | Y | | | |
| Are they functioning as intended? | Y | | | |
| Are they still required (i.e., has a healthy stand of vegetation been established)? | | | | |
| **Vegetated Topsoil Isolation Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Is vegetation effectively covering the intended area? Provide percent growth for seeded areas. | Y | | | |
| Is there any sign of distressed vegetation? | | | x | |
| Do any areas require seeding? | | x | | |
| Photograph Numbers (if applicable) | | | | |
| **Rip Rap Stone Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Photograph Numbers (if applicable) | | | | |
| **Wing Wall Deflector** | | | | |
| Are there areas of scour? | | N | | |
| Is 30" dia. Rip Rap in place? | Y | | | |
| Photograph Numbers (if applicable) | | | | |
| **Riverbank Plantings** | | | | |
| Are the live stake cuttings thriving? | Y | | | |
| Photograph Numbers | | | | |
| **Chadakoin River (USGS 03014500, Falconer, NY)** | | | | |
| Discharge, Cubic Feet Per Second? | < 80 cfs | | | |
| Gage Height, Feet? | No gauge available | | | |

Other Observations: Describe any other relevant observations noted during this monitoring period.

| | | |
|---|---|---|
| Performed by: E. Ulm | Signature: [signature] | Date: 7/30/15 |

# Site Cover and Riverbank Inspection Checklist

**DC Rollforms Site, Jamestown, New York**

Section 1: General Information

| | |
|---|---|
| Figure Reference: Site Plan | Weather: 55°F overcast |
| Date / Time Monitoring Performed: 11/19/15 | |

| | | | |
|---|---|---|---|
| Cover material(s) | □ Soil | X Vegetated Topsoil | X Rip Rap Stone |

Section II. Observations

| Observation | Yes | No | N/A | Provide Comments As Necessary (use additional space below if needed) |
|---|---|---|---|---|
| **Erosion and Sedimentation Controls** | | | | |
| Are erosion and sedimentation (E&S) controls present? If yes: | Y | | | |
| Are they functioning as intended? | Y | | | |
| Are they still required (i.e., has a healthy stand of vegetation been established)? | Y | | | |
| **Vegetated Topsoil Isolation Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Is vegetation effectively covering the intended area? Provide percent growth for seeded areas. | Y | | | Entering dormant season |
| Is there any sign of distressed vegetation? | | N | | |
| Do any areas require seeding? | | N | | |
| Photograph Numbers (if applicable) | NA | | | |
| **Rip Rap Stone Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Photograph Numbers (if applicable) | NA | | | |
| **Wing Wall Deflector** | | | | |
| Are there areas of scour? | | N | | |
| Is 30" dia. Rip Rap in place? | Y | | | |
| Photograph Numbers (if applicable) | NA | | | |
| **Riverbank Plantings** | | | | |
| Are the live stake cuttings thriving? | Y | | | Dormant season |
| Photograph Numbers | | | | |
| **Chadakoin River (USGS 03014500, Falconer, NY)** | | | | |
| Discharge, Cubic Feet Per Second? | 430 cfs | | | |
| Gage Height, Feet? | No gauge available | | | |

Other Observations: Describe any other relevant observations noted during this monitoring period.

| | | |
|---|---|---|
| Performed by: T. Carignan | Signature: T. Carignan | Date: 11/19/15 |

# Site Cover and Riverbank Inspection Checklist

## DC Rollforms Site, Jamestown, New York

Section 1: General Information

| | |
|---|---|
| Figure Reference: | Weather: 18° Heavy Snow / Freezing Rain |
| Date / Time Monitoring Performed: 03/02/16 | |

Cover material(s): □ Soil | X Vegetated Topsoil | X Rip Rap Stone

Section II. Observations

| Observation | Yes | No | N/A | Provide Comments As Necessary (use additional space below if needed) |
|---|---|---|---|---|
| **Erosion and Sedimentation Controls** | | | | |
| Are erosion and sedimentation (E&S) controls present? If yes: | X | | | |
| Are they functioning as intended? | X | | | |
| Are they still required (i.e., has a healthy stand of vegetation been established)? | | | | Winter Conditions |
| **Vegetated Topsoil Isolation Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Is vegetation effectively covering the intended area? Provide percent growth for seeded areas. | Y | | | |
| Is there any sign of distressed vegetation? | | | N | |
| Do any areas require seeding? | | N | | |
| Photograph Numbers (if applicable) | | | | |
| **Rip Rap Stone Cover** | | | | |
| Are there areas of scour? | | N | | |
| Is any geotextile fabric exposed? | | N | | |
| Photograph Numbers (if applicable) | | | | |
| **Wing Wall Deflector** | | | | |
| Are there areas of scour? | | | | High Water, NO Observation |
| Is 30" dia. Rip Rap in place? | | | | |
| Photograph Numbers (if applicable) | | | | |
| **Riverbank Plantings** | | | | |
| Are the live stake cuttings thriving? | Y | | | |
| Photograph Numbers | | | | |
| **Chadakoin River (USGS 03014500, Falconer, NY)** | | | | |
| Discharge, Cubic Feet Per Second? | | | | ~~600~~ 1000 |
| Gage Height, Feet? | | | | data 2.85 |

Other Observations: Describe any other relevant observations noted during this monitoring period.

| | | |
|---|---|---|
| Performed by: J. Baker | Signature: | Date: 03/02/16 |

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